



Annual Report 2020-2021



100th
Annual Report
2020-2021



University of Dhaka



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Preface

Dhaka University Annual Report is being published every year as a brief documentation of all the activities of the university, its affiliated and constituent colleges and institutes. It presents academic and administrative works and research activities of all faculties, departments, institutes, research centers/bureaus, constituent and affiliated institutions, residential halls and offices. All information have been collected from different offices of the university. It thus becomes a valuable source of research-materials related to the university and a guideline for taking administrative decisions.

The present volume is the 100th Annual Report of the University of Dhaka. It contains academic and research activities, seminar, workshop, cultural and sports events etc. of 2020-2021 academic year. Some important photographs of concerned academic year have been presented in it. A list of martyrs (teachers, officers and employees) during the Liberation War in 1971 has been included at the appendix.

Most of the departments, institutes, halls and offices have followed the rules of the Editorial Board in formulating the Annual Report and I thank them for it. But there were some others who sent their respective reports after several reminders. Therefore, no adequate time was available to compose and edit these reports properly.

Along with the Bangla Annual Report, this year also, an abridged version of the report is formulated in English, which may be seen in the university website and is available on DVD.

I express my sincere thanks and gratitude to the members of the Editorial Board and concerned officials of Pro-Vice Chancellor (Academic) office as well as Public Relations Office for working earnestly to edit and publish the Annual Report on time despite Covid-19 Pandemic situation.

(Professor Dr. A S M Maksud Kamal)
Pro-Vice Chancellor (Academic)
and
Chairman
Editorial Board

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Editorial Board

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Professor Dr. Nevin Farida Chairperson, Department of English	Member
Dr. Umme Bushra Fateha Sultana Department of Women and Gender Studies	Member
Mr. Mahmood Alam, Director Public Relations Office	Member-Secretary

‘Dhaka’ has not been mentioned in brackets beside M A, MSS, M Com, M Pharm, MBA, M Phil, Ph D, MS and other degrees which have been obtained from the University of Dhaka, as per principles formulated by the Editorial Board.

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University of Dhaka

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Faculties

Chancellor

Honourable President, People's Republic of Bangladesh
Md. Abdul Hamid

Vice-Chancellor

Prof. Md. Akhtaruzzaman, M A, PhD (Aligarh)

Faculty of Arts (1921)

The Faculty of Arts, the largest in the University, consists of seventeen departments : Department of Bangla, Department of English, Department of History, Department of Islamic History and Culture, Department of Philosophy, Department of Information Science and Library Management, Department of Arabic, Department of Islamic Studies, Department of Sanskrit, Department of Persian Language and Literature, Department of Pali and Buddhist Studies, Department of Urdu, Department of Linguistics, Department of Theatre and Performance Studies, Department of Music, Department of World Religions and Culture and Department of Dance . The academic activities of these departments are conducted by the Faculty of Arts. The Faculty of Arts has 8436 students. 2378 students are enrolled every academic year. We have 310 teachers currently working in this faculty.

The admission of students into 1st year BA Honours classes in the Departments of the Arts Faculty is conducted through 'Kha Unit'. Besides the admission of students into 1st year BA Honours classes in the Department of Economics, Department of Political Science, Department of Public Administration, Department of Sociology, Department of Mass Communication and Journalism, Department of International Relations, Department of Anthropology, Department of Peace and Conflict Studies, Department of Development Studies, Department of Women and Gender Studies, Department of Population Sciences, Department of Television, Film and Photography, Department of Criminology, Department of Communication Disorders and Department of Japan Studies of the Faculty of Social Sciences, Department of Law of the Faculty of Law, Department of Psychology of the Faculty of Biological Sciences, Department of Geography and Environment of the Faculty of Earth and Environmental Sciences and five Institutes- the Institute of Social Welfare and Research, Institute of Education and Research, Institute of Health Economics,

Institute of Disaster Management and Vulnerability Studies and Institute of Modern Languages is also conducted through 'Kha Unit' under the management of this Faculty.

Distribution of classrooms for different departments situated at the Arts Building and allocation of space for various academic and administrative activities including Mid-term and Semester Final Examinations are scheduled by the Faculty of Arts. The maintenance of Arts Faculty Building and Lecture Theatre Building is carried out by the Dean of the Faculty of Arts.

Two research journals, one in Bengali and the other in English, are published every year from the Faculty. At the initiative of the Faculty, broadband connection has been installed at the Arts Faculty Building and Lecture Theatre. In addition to these, broadband connection has been extended to all the offices of the Faculty and seminar rooms and teachers' rooms as per their need. Internet connection has been set up at the Department of Psychology and the office of the Proctor of the university located at the Arts Building.

The historical Battola and the Aparajeyo Bangla are located at Arts Faculty campus. The responsibility of looking after these historic places mainly lies with this faculty. Also situated around here are Madhur Canteen, DUCSU Building and Dhaka University Central Library. Gurudwara Nanakshahi, the holy temple of the Shikh community, is adjacent to the faculty.

Dr. Abu Md. Delwar Hossain, Professor, Department of History, performed the responsibility as the elected Dean of the Faculty during this academic year (2020-2021).

Department of Bangla (1921)

Chairman

Professor Dr. Syed Azizul Huq, M.A., M. Phil., Ph.D.

Professor

(1) Bhishmadeb Choudhury, M.A., Ph. D.; (2) Biswajit Ghosh, M.A., Ph. D. (Deputation); (3) Rafiqullah Khan, M.A., Ph. D. (Deputation); (4) Md. Shahjahan Mian, M.A., Ph. D., D. Litt. (Rabindra Bharati) [LPR]; (5) Syed Azizul Huq, M.A., M. Phil., Ph.D.; (6) Fatema Kawser, M.A., Ph.D.; (7) Serajul Islam, M.A., Ph.D.; (8) Soumitra Sekhar, M.A. (J. U.), Ph.D. (Rabindra Bharati); (9) Baitullah Quaderee, M.A., Ph.D.; (10) Mohammad Giasuddin, M.A., M. Phil., Ph.D.; (11) Hosne Ara, M.A., M.Phil, Ph.D.; (12) Mohammad Azam, M.A., Ph.D.

Associate Professor

(1) Nurunahar Faizer Nessa, M.A., Ph.D. [Leave]; (2) Md. Abdus Sobhan Talukdar, M. A., Ph.D.; (3) Tariq Manzoor, M.A. (J. U.), Ph.D.; (4) Sohana Mahboob, M.A., Ph.D.; (5) Munira Sultana, M.A., M.Phil, Ph.D.; (6) Momenur Rasul, M.A., M. Phil, Ph.D.; (7) Tashrik-E-Habib, M.A., M. Phil, Ph.D.

Assistant Professor

(1) Meher Nigar, M.A.; (2) Md. Jashim Uddin, M.A.; (3) Md. Rafat Alam Mishu, M.A.; (4) Kanij Fatema, M.A.

Supernumerary Professor

Professor Begum Akter Kamal, M.A., Ph.D.

Number of students

Class	Number of Students
Ist Year BA (Hons)	139
2 nd Year BA (Hons)	142
3 rd Year BA (Hons)	129
4 th Year BA (Hons)	124
M.A	127
M. Phil.	3
Ph. D.	15
Total	679

Results of the Examinations

Class	Number of Examinees	Percentage of Students Passed
Ist Year	137	100%
2 nd Year	133	100%
3 rd Year	127	100%
4 th Year	123	100%
M.A.	120	100%
M. Phil.	3	Running
Ph.D.	15	Running

Syed Azizul Huq

Book

Abdul Huq : Centerary Memorial Book, One of the Editor, Chief Editor : Habibullah Siraji, Other Editor : Mobarak Hossain, February 2021, Bangla Academy.

Article

Great Thinker Abdul Huq \ Nandipath, Volumn 9, June 2021
Editor : Sajjad Arefein, P. 436-460

Seminar

17.2.2021
Discusant, On Novelist Sowkat Ali's Birthday Ceremony; arranged by National Museum, Dhaka.

24.2.2021

Main Article presented on Ekushey Programme about 'Language Movement and Present Contemporary thinking'; arranged by Bangladesh Asiatic Society, Dhaka.

Md. Rafat Alam Mishu**Book**

1. **BANGLA BHASHAR BYAKORON O NIRMITI (Class 9 & 10)**, [In Bengali] **Co-author and Co-editor**, National Curriculum and Textbook Board (NCTB), Dhaka, Bangladesh, January 2021
2. SHATOBARSHE DHAKA BISWABIDYALAYER BANGLA BIBHAG : UCCHATORO GOBESHONAR RUPREKHA, [In Bengali] Edited and Compiled by Rafat Mishu, Mowla Brothers, Dhaka, February 2021.

Research Article

1. **Bhasha O Shahitya Shoptaho 1370' : Historical significance'** [In Bengali], Dhaka Bishwabidyaloy Patrika, Vol. 100 University of Dhaka, Dhaka, December 2019 (Published in June 2021). Editor : Harun Rashid

Book Section

1. **Smriti Sanchayan : Parallel to the Literature and Politics of Bangladesh'** [In Bengali], Abdul Haque Janmoshatobarsho Smarakgrantha, Edited by Syed Azizul Huq and Mobarak Hossain, Bangla Academy, Dhaka, February 2021
2. **Secular Vidyasagar : Sitar Banabas'**, [In Bengali] *Vidyasagar2020*, Edited by Soumitra Sekhar, Granthakutir, Dhaka, February 2021

Department of English (1921)**Chairperson**

Professor Dr. Nevin Farida, M.A., MEd., Ph.D.

Professor Emeritus

Professor A. F. Serajul Islam Choudhury, M.A., Ph.D. (Leicester)

Professor

(1) Rebecca Haque, M.A. [L.P.R]; (2) Tahmina Ahmed, M.A., M.A. (Hawaii) [on leave] [Extra ordinary leave]; (3) Rubina Khan, M.A., M.A. (Northern Iowa); Ph.D. (Warwick); (4) Nevin Farida, M.A., MEd. (Monash); Ph.D. (Warwick); (5) Zerin Alam, M.A., M.A. (Warwick) [on leave]; (6) Begum Shahnaz Sinha, M.A., M.A. (Warwick); (7) Tazin Aziz Chaudhury, M.A., Ph.D. (Malaysia); (8) Shamsad Mortuza, M.A., M.A. (Arizona), Ph.D. (London) [Extra ordinary leave].

Associate Professor

(1) Nazmeen Huq, M.A., M.A. (Essex) [L.P.R]; (2) Tasneem Siraj Mahboob, M.A., M.A. (Columbia); (3) Rumana Siddique, M.A., M.A. (Warwick); (4) Batool Sarwar, M.A., M.A. (Warwick) [on leave]; (5) Dr. Golam Gaus Al-Quaderi, M.A., Ph.D.; (6) Ahmed Bashir, M.A., M.A. (Nottingham-Malaysia); (7) Bijoy Lal Basu, M.A., M.A. (London); Ph.D. (London) [Student Adviser]; (8) Farhanaz Rabbani, M.A., M.A. (Illinois); (9) Neelima Akhter, M.A., M.A. (Warwick) [On Leave]; (10) Ashim Dutta, M.A., M.A. (Montclair), Ph.D. (York).

Assistant Professor

(1) Mahfida Tahniat, M.A. [Student Adviser]; (2) Nehrir Khan, M.A., M.A. (Boston) [Student Adviser]; (3) Munasir Kamal, M.A., M.A. (Nevada) [On Leave]; (4) Mst. Anjuman Ara, M.A., M.A. (Manchester); (5) Pratiti Shirin, M.A., M.A. (London); (6) Sanjeeda Hossain, M.A., M.A. (Malaysia); (7) Md. Elias Uddin, M.A.; (8) Zaynul Abedin, M.A.; (9) Mehedi Karim Shimanto, M.A.; (10) Bushra Mahzabeen, M.A., M.A. (Warwick); Nusrat Gulzar, M.A., M.A. (Warwick); (11) Qumrul Hasan Chowdhury, M.A., M.A. (London); Ph.D. (London); (12) Rumana Rafique, M.A., M.A. (Manchester).

UGC Professor

Professor Fakrul Alam, M.A., M.A. (Canada); Ph.D. (Canada).

Supernumerary Teacher

Professor Dr. Sadrul Amin, M.A. (Punjab); Ph.D. (Dhaka).

Part-Time Teacher

(1) Professor Dr. Syed Manzoorul Islam, (Department of English); (2) Professor Dr. Bhisudev Chowdhury (Department of Bangla); (3) Professor Dr. Mohammad Azam (Department of Bangla); (4) Professor Rashida A. Khanum (Department of Philosophy) (Retired); (5) Mr. Ahammad Ullah, Assistant Professor, (Department of Philosophy); (6) Professor Dr. Abul Mansur Ahammad (Mass Communication & Journalism); (7) Professor Dr. Asha Islam Nayeem (Department of History).

Students

Years and Classes	Numbers
First Year B.A. Honours, 2019-2020	172
Second Year B.A. Honours, 2019-2020	138
Third Year B.A. Honours, 2019-2020	162
Fourth Year B.A. Honours, 2019-2020	134
M.A. , 2019-2020	146
M. Phil 2019-2020	06
Ph.D. 2019-2020	01
Total	759

Examination Results

Year and Class	Number of Examinees	Classes			Passed	Percentage of Pass
		1 st	2 nd	3 rd		
4 th Year B.A. Honours Examination, 2019	-	-	-	-	-	-
M.A. (Literature) Examination, 2019	33	-	-	-	30	91.10%
M.A. (Applied Linguistics and ELT) Examination, 2019	-	-	-	-	-	-

Activities

- BA Honours Curriculum Revision work began on September 09, 2019-November 22, 2020. The new B.A. Honours syllabus was approved by the Academic Council (for the session 2020-2021) on December 10, 2020.
- Webinar on “Publishing in Academic Journals”, November 21, 2020
- On January 7, 2021 the Department lost one of its respected faculty members, Professor Kashinath Roy. An online commemoration Programme was held on February 7, 2021 in honour of Professor Roy. The sombre occasion was attended by Prof Roy's son Apratim Roy, current and former faculty members and numerous students of the Department of English.
- The department regularly brings out its Newsletter, ‘English Matters’ twice a year. Teachers in charge are Nevin Farida, Farhanaz Rabbani and Mehedi Karim Shimanto.

Research Activities

The Department of English has received grants for the following:

- A special issue of Spectrum (Volume 16), Journal of the Department of English.
- A Centennial book entitled, Dhaka University’s English Department and Beyond: Centenary Perspectives.

Fakrul Alam

UGC Professor Dr. Fakrul Alam has been appointed Director of Bangabandhu Sheikh Mujib Research Institute for Peace and Liberty, DU

Golam Gaus Al-Quaderi

Obtained Ph.D. Degree from the University of Dhaka. (Awarded 30 December 2020)

Bijoy Lal Basu

Became Co-investigator of a project titled “An investigation of intercultural communicative competence at the tertiary English classrooms in Bangladesh” (start date 20 January 2021 for a year) funded by BRAC University

Nusrat Gulzar

Nusrat Gulzar, Assistant Professor in the department, and Ms Marwa Masood from United International University, members of A.S. Hornby Educational Trust Alumni Association, received its Project Award 2021 for their research project titled, 'Developing an Android Application and a Website Containing National Curriculum Based Digital Resources for School Teachers in Bangladesh'.

Qumrul Hasan Chowdhury

Dr. Qumrul Hasan Chowdhury's PhD from King's College London, UK and funded by Commonwealth Scholarship, has been awarded with King's-Elsevier outstanding PhD Thesis Prize 2020.

Rumana Rafique

Ms. Rumana Rafique received the outstanding dissertation award titled 'MA TESOL Dissertation Prize 2020' from the University for her Masters Dissertation from Manchester Institute of Education. In her dissertation, she investigated the use of learning technologies in Bangladeshi higher education sector, exploring how learning technologies can facilitate teaching and learning in a low-tech context like Bangladesh.

Publication**Fakrul Alam**

Reading Literature in English and English Studies in Bangladesh: Postcolonial Perspectives published in June 2021 by writers.ink.

Professor Dr. Rubina Khan

Bashir, A., Uddin, M. E., Basu, B. L. & **Khan, R.** (2021) Transitioning to online education in English Departments in Bangladesh: Learner Perspectives, *Indonesian Journal of Applied Linguistics*, 11(1):11-20. <https://doi.org/10.17509/ijal.v11i1.34614>

Khan, R., Basu, B. L., Bashir, A. & Uddin, M. E. (2021) Online Instruction during COVID-19 at Public Universities in Bangladesh: Teacher and Student Voices, *TESL-EJ*, 25(1): <https://tesl-ej.org/pdf/ej97/a97.pdf>

Khan, R., Bashir, A., Basu, B. L. & Uddin, M. E. (2020) Emergency Online Instruction at Higher Education in Bangladesh during COVID-19: Challenges and Suggestions, *The Journal of Asia TEFL*, 17(4):1497-1506.

Ahmed Bashir

Bashir, A., Uddin, M. E., Basu, B. L. & Khan, R. (2021) Transitioning to online education in English Departments in Bangladesh: Learner Perspectives, *Indonesian Journal of Applied Linguistics*, 11(1):11-20. <https://doi.org/10.17509/ijal.v11i1.34614>

Khan, R., Basu, B. L., **Bashir, A.** & Uddin, M. E. (2021) Online Instruction during COVID-19 at Public Universities in Bangladesh: Teacher and Student Voices, *TESL-EJ*, 25(1): <https://tesl-ej.org/pdf/ej97/a97.pdf>

Khan, R., **Bashir, A.**, Basu, B. L. & Uddin, M. E. (2020) Emergency Online Instruction at Higher Education in Bangladesh during COVID-19: Challenges and Suggestions, *The Journal of Asia TEFL*, 17(4):1497-1506.

Bijoy Lal Basu

Bashir, A., Uddin, M. E., **Basu, B. L.** & Khan, R. (2021) Transitioning to online education in English Departments in Bangladesh: Learner Perspectives, *Indonesian Journal of Applied Linguistics*, 11(1):11-20. <https://doi.org/10.17509/ijal.v11i1.34614>

Khan, R., **Basu, B. L.**, Bashir, A. & Uddin, M. E. (2021) Online Instruction during COVID-19 at Public Universities in Bangladesh: Teacher and Student Voices, *TESL-EJ*, 25(1): <https://tesl-ej.org/pdf/ej97/a97.pdf>

Khan, R., Bashir, A., **Basu, B. L.** & Uddin, M. E. (2020) Emergency Online Instruction at Higher Education in Bangladesh during COVID-19: Challenges and Suggestions, *The Journal of Asia TEFL*, 17(4):1497-1506.

Pratiti Shirin

Shirin, P. January 2021. Like a lost route in a no-man's land: Dilruba Z. Ara's journey into the psyche of the expatriate. *Erothanatos: A Peer-Reviewed Quarterly Journal on Literature*. 5 (1): 52-68. E-ISSN: 2457-0265. <https://www.erathanatos.com/vol5issue1>

Md. Elias Uddin

Rubina Khan, Ahmed Bashir, Bijoy Lal Basu, **Md. Elias Uddin**. (May 2021). Online Instruction during COVID-19 at Public Universities in Bangladesh: Teacher and Student views. *TESL-EJ*, 25(1).

Ahmed Bashir, **Md. Elias Uddin**, Bijoy Lal Basu, and Rubina Khan. (2021). Transitioning to online education in English Departments Bangladesh: Learner perspectives. *Indonesian Journal of Applied Linguistics*, 11(1), 11-20. <https://doi.org/10.17509/ijal.v11i1.34614>

Rubina Khan, Ahmed Bashir, Bijoy Lal Basu, & **Md. Elias Uddin**. (2020). Emergency Online Instruction at Higher Education in Bangladesh during COVID-19: Challenges and Suggestions. *The Journal of Asia TEFL*, 17(4). pp. 1497-1506.

Md. Elias Uddin. (2018, 2019). Assessment Literacy: From Theoretical Constructs to Test Design and Delivery. *Spectrum: Journal of the Department of English, University of Dhaka*. (Printed in September 2020) Volume 14 & 15 pp. 177-189.

Afifa Anjum, Sahadat Hossain, M Tasdik Hasan, Sayma Islam Alin, **Md. Elias Uddin**, Md. Tajuddin Sikder. (2021). Depressive Symptoms and Associated Factors among School Adolescents of Urban, Semi-Urban and Rural Areas in Bangladesh: A Scenario Prior to COVID-19. *Frontiers in Psychiatry* 12:708909. doi: 10.3389/fpsy.2021.708909

Qumrul Hasan Chowdhury

Chowdhury, Q. H. & Erling, E. J. (2021). The value of grassroots English for Bangladeshi migrants to the Middle East. In C. Meierkord & E. W. Schneider (Eds.), *World Englishes at the Grassroots* (pp. 165-185). Edinburgh: Edinburgh University Press.

Chowdhury, Q. H. & Erling, E. J. (2021). Ideologies of English as a language of economic development in Bangladesh: Critical insights from two research projects in Bangladesh. In S. Sultana, M. M. Roshid, N. Kabir, N. Haider & M. Khan, *The Routledge International Handbook of English Language Education in Bangladesh* (pp. 397-410). London: Routledge

কনফারেন্সে উপস্থিতি ও নিবন্ধপাঠ:

Fakrul Alam

Dr Fakrul Alam, Professor of English and Director Bangabandhu Sheikh Mujib Research Institute for Peace and Liberty, presented a talk entitled 'The Shaping of Bangladeshi Arts Culture and Literature' at DU Webinar 3, March 28, 2021 'Celebrating the 100 years of University of Dhaka : Reflections from the Alumni International as well as National' for an International Conference.

Syed Manzoorul Islam

Dr Syed Manzoorul Islam, former Professor of the Department of English, presented his talk on 'Refining the link between town and gown: Dhaka University politics culture and community' on March 30, 2021 at DU Webinar for an International Conference.

Rubina Khan

Presented a paper at the NELTA International Virtual Think-in 2020 (September 10-12, 2020).

Professor Dr. Rubina Khan was a panelist at the online panel discussion forum organized by TESOLANZ (TESOL New Zealand) And at the International Webinar on "Teaching and Learning Virtually Coping with the Pandemic as an academic", organized by Canadian University of Bangladesh.

Bijoy Lal Basu

Presented a paper titled 'Innocence to experience: Teacher attitudes to online instruction' at the 9th BELTA International (Virtual) Conference 2021. (March 6, 2021)

Presented a paper titled 'Readiness for Online Education in Bangladesh' at JALT 2020 Online Conference. (November 22, 2020).

Farhanaz Rabbani

Gave a talk entitled 'Dhaka University and the City of Dhaka: A Symbolic Relationship' at the English Department DU Webinar 4, February 11, 2021

Ashim Dutta

Gave a talk entitled 'Revisioning of Mohini Chatterjee in Yeats's Poetry' at the English Department DU Webinar 3, January 14, 2021

Munasir Kamal

Gave a talk titled "Dams and Development: Bangladeshi Writers/Activists Write Back" at the English Department DU Webinar 2, December 01, 2020

Pratiti Shirin

Presented a virtual talk on Zoom on Rokeya Sakhawat Hossain on the eve of Rokeya Day on 9. December, 2020, organised by Shakti Network Bangladesh.

Md. Elias Uddin

Presented in collaboration a paper titled "From innocence to experience: Teacher attitudes to online instruction" in the 9th BELTA International (Virtual) Conference 2021

Presented a paper titled "Communication of assessment results in Bangladeshi public universities: Learner perceptions" in the 5th AINET International Conference 2020 held in Vasabi College of Engineering, Hyderabad, Telangana, India on 10-11 January 2020.

Bushra Mahzabeen

Gave a talk entitled "Gender Relations and the Question of Social Reproduction in Postcolonial Resource Fictions" at the English Department DU Webinar 1, October 07, 2020.

Nusrat Gulzar

Presented a paper entitled 'Teaching Writing Online: Incorporating the 4C's of 21st century Skills in a Tertiary Level Writing Class' at the Binational Success Story Online Forum on May 08, 2021.

Rumana Rafique

Presented her Master's dissertation and research experience at the HARRP Online Conference 2021 on May 25, 2021. HARRP stands for Holistic Academic and Research Reflective Practice, a unit developed for master's students at the Manchester Institute of Education (MIE), University of Manchester, UK.

Co-curricular Activities of the Department**Students' Co-curricular and Extra-curricular Activities****Krishnachura**

On March 26, 2021 "Krishnachura", the student led cultural organization of the Department of English observed the Golden Jubilee of our Independence Day by singing the National Anthem in the department corridor by maintaining health protocol.

"Krishnachura", the cultural organization of the Department of English, organized its annual musical programme, "Mayabee Murchona – 2020", online. The event was arranged on October 2, 2020, through Facebook Live.

Munzareen Shahid

Gave a talk organized by the Department of English on Zoom platform titled, "Looking Towards a Brighter Future" on August 26, 2020. Departmental teachers and the students of BA Honours 4th year and MA programmes joined the event.

Munzareen Shahid of Batch-9 (MA Applied Linguistics and ELT) received the Chevening Scholarship to pursue her Masters at the University of Oxford.

Solika Akter

Solika Akter from Batch-11 presented a paper in the Academic Paper Presentation. Her paper titled "The Linguistic Features in George Orwell's 1984 Portraying Militant Nationalism" has been awarded the Best Paper Prize and she received a monetary prize of Taka 10,000 along with a certificate on September 3-4, 2020

Department of English, University of Dhaka and Department of English, School of Languages, SRM University Sikkim, organised an online students' seminar on "Crisis, Trauma and Healing: Perspectives from South Asian Literature" on September 15, 2020.

Two students of Batch 9 from the Department of English, Kazi Fakhera Nawsheen and Sumaiya Kabir (M.A. Literature), presented papers in this Webinar. Kazi Fakhera Nawsheen presented her paper titled "Zahir Raihan's Hajar Bocchor Dhore. An Exemplary Showcase of Resistance and Healing." She appraised the novel from an eco-critical perspective and analyzed the ways of healing in the rural Bengal of the mid-20th century. Sumaiya Kabir presented her paper titled "On Literature Providing a Safe Space to Process Trauma: Reading Humayun Ahmed's Josna O Jananeer Golpo in the Light of PTSD and Trauma Theory" where she used trauma theory to examine the novel's characters navigating their way through the traumatic, war-torn reality of Bangladesh during the Liberation War of 1971.

Department of Arabic (1921)

Chairman

Professor Dr. Md. Abdul Kadir, Kamil (Hadith & Adab), M.A., Ph.D.

Professor

(1) A.B.M. Siddiqui Rahman Nizami, Kamil (Hadith and Adab), M.A., Ph.D.; (2) Mohammad Yousuf, Kamil (Hadith and Adab), M.A., Ph.D.; (3) Zubair Muhammad Ehsanul Hoque, M.M., M.A., Ph.D.; (4) Mohammad Shahidul Islam, M.A., Ph.D.; (5) Muha. Mizanur Rahman, M.M., M.A.,

Ph.D.; (6) Muhammad Ruhul Amin, M.M., M.A., Ph.D.; (7) Abdullah al-Maruf, Kamil (Hadith & Fiqh), M.A., Lesanse (Madina), Ph.D.; (8) A.J.M. Kutubul Islam Nomani, M.M., B.A.Hons. (Madina), Higher Deploma (KSA), Ph.D.

Associate Professor

(1) Muhammad Tajul Islam, M.A., Ph.D.; (2) Muhammad Arshadul Hassan, M.A., Ph.D (KAU, Jeddah); (3) Muh. Rafiqul Islam, M.M. M.A. Ph.D.; (4) Mohammad Jahirul Islam, M.A., Ph.D.; (5) Md. Nasir Uddin M.A., Ph.D.; (6) Muhammad Belal Hossain, M.A., Ph.D.

Assistant Professor

(1) Muhammad Nure Alam, M.M., M.A., M.Phil.; (2) Ahmed Hasan Chowdhury, M.A., M.Phil.; (3) Kamruzzaman Shamim, M.A., Ph.D.; (4) Md. Abdul Mannan Miazi, M.A.

Lecturer

Mahade Hasan, M.A., M.Phil (Brunei Darussalam).

Honorary Professor

(1) Professor Dr. Md. Abu Baker Siddique, M.M., M.A, Ph.D (Aligarh); (2) Professor Dr. Muhammad Abdul Mabud, M.M. M.A., Lisance (Madina), PhD.

Part-Time Teacher

(1) Md. Rezaul Karim, M.Sc.; M.Tech (India); (2) Dr. Md. Aminul Haque, M.S.S, Ph.D; (3) Ahmed Bashir, M.A.; (4) Md. Habibullah, M.A.; (5) Dr. A.T.M. Shamsuzzoha, M.A., Ph.D (China); (6) Md. Ashraful Islam, M.Sc.

No. of Students

Ist year B.A.(Hons.) 2019-20, Ist semi.	167
2 nd year B.A(Hons.) 209-20, 4 th semi.	141
3 rd year B.A.(Hons.) 2019-20, 6 th semi.	150
4 th year B.A.(Hons.) 2019-20, 7 th semi.	107
M.A.(Gen.& ALT) 2019-20	102
M.Phil (Modern & Classical), 2019-20	07
Ph.D.	55
Total	729

Examination Result

The Final examinations of 2020 was completed in 2021 due to the worldwide pandemic of covid-19. Results are yet to be published.

Research Activities

D.U. Arabic Journal *Al Majallatul Arabiya*, Vol. 22, No.24, June, 2021.

Research Activities of Teachers**Prof. Dr. Md. Abdul Kadir**

- Performing duties as the Chairman, Department of Arabic, University of Dhaka from 22/03/2020 to till now.
- Member: SA-Entity, Institutional Quality Assurance Cell (IQAC), Department of Arabic, University of Dhaka.
- Performing duties as the Member of Centre for Arabic Teaching, Training & Research (CATTR) during the academic year 2019-20.
- Performing duties as the Student Adviser of Department of Arabic, University of Dhaka from July 2019 to June 2020.

Research Supervision

- Md. Nurul Amin (M.Phil): Title: “Social thinking in the Shawky and Rabindranath’s poems: A comparative analysis” (Awarded 2021).
- Farhana (M.Phil): Title: “Contributions of Poet Al-Khansa (RA) in Composing Arabic Elegy” (Awarded 2021).

Prof. Dr. Zubair Mohammad Ehsanul Hoque**Editor:**

- Al-Majallah Al-Arabiyah, The Dhaka University Arabic Journal, Volume 22, No- 24, June 2021.
- Performing duties as the Member of Centre for Arabic Teaching, Training & Research (CATTR) during the academic year 2019-20.
- Member: SA-Entity, Institutional Quality Assurance Cell (IQAC), Department of Arabic, University of Dhaka.

Research Supervision

- Sumaiya Tasnim (M.phil): Title: “Romanticism in Khalil Mutran’s Poetry”. (Awarded 2021)
- Mohammad Jahirul Hoque (M.Phil): Title: “Use of Technology in Arabic Language Teaching at the University of Dhaka: Observation and Recommendations” (Awarded 2021).

Prof. Dr. Mohammad Shahidul Islam**Published Book:**

- The Origin and Development of Arabic Translation Literature (Up to 1258 A.D), University Grants Commission of Bangladesh, November 2019.

Research Article

- أدب الأطفال وخدمات الشاعر أحمد شوقي في ها الحقل: دراسة وتطبيق The Dhaka University Arabic Journal, Volume-21, No-23, June 2020.

Presented Paper in International Conference

- “الزكاة: المعالجة الإسلامية لحل مشكلة الفقر والبطالة في المجتمع”, Kedah International Zakat Conference 2019 on “Sustainability Through Zakat Transformation Agenda”, 4-6 August, 2019, jointly organized by the University Teknologi, Mara and Lembaga Zakat Negeri Kedah, Malaysia.

Participated in International Conference

- International E-Conference on “Strategies & Challenges in Higher Education during COVID-19, 15th-17th May, 2020”, organized by Government Vidarbha Institute of Science & Humanities, Amravati, India.

Associate Editor:

- Al-Majallah Al-Arabiyah, The Dhaka University Arabic Journal, Volume 22, No- 24, June 2021.

Secretary:

Dhaka University Arabic Department Alumni Association

Prof. Dr. Muha. Mizanur Rahman**Research Publication**

- مساهمات طه حسين في التاريخ : العوامل المؤثرة في تكوين شخصيته التاريخية The Dhaka University Arabic Journal, Volume-21, No-23, June 2020 (In Arabic).

Prof. Dr. AJM Qutubul Islam Numani**Published Article:**

- حركة الترجمة من العربية إلى البنغالية والعكس : تجربة بنغلاديش The Dhaka University Arabic Journal, Volume-22, No-24, June 2021 (In Arabic).

Dr. Muhammad Tajul Islam**Published Article:**

- الأزواج الثلاثة في سورة الواقعة وأحوالهم في الدنيا والآخرة The Dhaka University Arabic Journal, Volume-22, No-24, June 2021 (In Arabic).

Dr. Muh. Rafiqul Islam**Published Article:**

- الغزل العذري و موقف الشاعر عنتر بن شداد منه : دراسة تحليلية The Dhaka University Arabic Journal, Volume-22, No-24, June 2021 (In Arabic).

Dr. Mohammad Jahirul Islam**Published Article:**

- شعر محبوب الخوري الشرتوني: دراسة على ضوء علم المعاني The Dhaka University Arabic Journal, Volume-22, No-24, June 2021 (In Arabic).

Dr. M. Nasir Uddin

- مكانة اللغة العربية في العصر الحاضر The Dhaka University Arabic Journal, Volume-22, No-24, June 2021 (In Arabic).

Dr. Muhammad Belal Hossain**Published Article:**

- جلال الدين السيوطي : حياته ومساهمته The Dhaka University Arabic Journal, Volume-22, No-24, June 2021 (In Arabic).

Muhammad Nure Alam**Published Article:**

- دور السياق في فهم دلالات الألفاظ: دراسة تحليلية على نماذج من القرآن الكريم The Dhaka University Arabic Journal, Volume-22, No-24, June 2021 (In Arabic).

Dr. Kamruzzaman Shamim**Published Article:**

- شعر فدوى طوقان The Dhaka University Arabic Journal, Volume-22, No-24, June 2021 (In Arabic).

Mr. Md. Abdul Mannan Miaze**Published Article:**

- معاني الزيادة لصيغة "أَفْعَل" في القرآن الكريم: دراسة صرفية دلالية The Dhaka University Arabic Journal, Volume-22, No-24, June 2021 (In Arabic).

Mahade Hasan**Published Article:**

- منهج تعليم اللغة العربية في معهد اللغات الحديثة بجامعة داكا ومركز تنمية العلوم واللغات بجامعة السلطان الشريف علي الإسلامية: دراسة مقارنة وتقويمية The Dhaka University Arabic Journal, Volume-22, No-24, June 2021 (In Arabic).

Co-curricular Activities of The Department:

Co-curricular and extra-curricular activities of students were not held during the 2020-21 session due to worldwide pandemic of covid-19.

Department of Persian Language & Literature (1921/2007)

Chairman

Professor Dr. Mohammad Bahauddin, Ph.D.

Professor

(1) K.M. Saiful Islam Khan, Ph.D. (Iran); (2) Md. Mohsin Uddin Mia, Ph.D. (Iran); (3) Tarique Ziaur Rahman Sirazi, Ph.D.; (4) Abdus Sobur Khan, Ph.D.; (5) Md. Abul Kalam Sarker, Ph.D.; (6) Mohammad Bahauddin, M Phil, Ph.D.

Associate Professor

(1) Abu Musa Md. Arif Billah, Ph.D. (London); (2) Mr. Mohammad Ahsanul Hadi, M Phil.; (3). Md. Mumit Al Rashid, Ph.D. (Iran).

Assistant Professor

(1) Mr. Mahadi Hassan, M Phil.

Honourary Professor

Professor Kulsoom Abul Bashar Mazumder, Ph.D. (India).

Part-Time Teachers

(1) Professor Abdul Basir, Ph.D.; (2) Mehedi Karim Shimanta, M.A.

Number of Students

Year and Classes	Number of Students
1 st year 1 st Semester B A (Hons)-2020	78
2 nd year 3 rd Semester B A (Hons)-2020	89
3 rd year 5 th Semester B A (Hons)-2020	69
4 th year 7 th Semester B A (Hons)-2020	81
M.A. 1 st Semester -2020	92
M.Phil.	11
Ph.D.	05
Total	420

Examination Results

Passing Year	Number of Examinees	Passed/Percentage	
1 st year 1 st Semester B A (Hons)-2020	78	No exams has been held due to Covid-19 (corona virus).	
2 nd year 3 rd Semester B A (Hons)-2020	89		
3 rd year 5 th Semester B A (Hons)-2020	69		
4 th year 7 th Semester B A (Hons)-2020	81		
M A 1 st Semester-2020	91		
M Phil 1 st part-2020	01	01	100%

Co-curricular Activities

- An academic webinar titled "Poet Hossain Shahriar: Life and Poetry" was held on 02/01/2021 through Zoom online virtual Platform. The keynote address was delivered by Mr. Mohammad Ahsanul Hadi, Associate Professor, Department of Persian Language and Literature, University of Dhaka. K M Saiful Islam Khan participated in the scheduled discussion, Professor of Persian Language and Literature. The program was moderated and chaired by the Chairman of the Department of Persian Language and Literature, Professor Mohammad Bahauddin.
- On 14/02/2021, an academic webinar titled "International Mother Language Day: Bengali and Persian Interaction" was held through Zoom online virtual Platform. The main article was read by Professor of the Department of Persian Language and Literature at the University of Dhaka Tariq Ziaur Rahman Siraji. Abu Musa Md. Arif Billah participated in the scheduled discussion, Associate Professor of the Department of Persian Language and Literature at the University of Dhaka. The program was moderated and chaired by the Chairman of the Department of Persian Language and Literature, Professor Mohammad Bahauddin.

3. On 18/03/2021, an academic webinar titled "Kshanjamma Parvin Etesami, an Introvert Poet of Contemporary Iran's Progress and Humanity" was held through Zoom online virtual Platform. The chief guest's speech and happy inauguration of Professor. A S M Maqsood Kamal Hon'ble Pro-Vice-Chancellor (Education). and Professor Dr. Abdus Sabur Khan read the main article, Department of Persian Language and Literature, University of Dhaka. Professor Dr. Md. Nurul Huda participated in the scheduled discussion, Persian Language and Literature, Rajshahi University. The program was moderated and chaired by the Chairman of the Department of Persian Language and Literature, Professor Mohammad Bahauddin.

Professor Dr Md. Abul Kalam Sarker
Research Publications

Books

১. *Arjname e Ustad Kulsoom Abul Bashar*, Itibritto Prokashan, Dhaka, First Published August 2020.
২. *Diwan-e-Obaidi* by Maolana Obaidullah Obaidi Suhrawardy Edited by Dr. Md. Abul Kalam Sarker and Dr. Mohammad Kazem Kahdoui Published by Dhaka University Central Library, First Published: October 2020
৩. *Homaye Adabe Farsi Arjname e Dr Mohammad Kazem Kahdoui*, Published by Itibritto Prokashan, Dhaka, First Published March 2021.
৪. *Addhapok Kulsoom Abul Bashar Bangladeshe Farsir Alokbartika* Published by Itibritta Prokashan, Dhaka, First Publication: June, 2021.

Articles

1. *Tardjumeha-e Rukaate Alamgiri be zaban-e bangali* (Translation's of Rukaat-e Alamgiri in Bengali Language.) Volume of Papers, International Seminar Revisiting Persian Literature Produced During 17th Century A.D., Vol. 1 Published by the Institute of Persian Research, Aligarh Muslim University, Aligarh, India, December 2020.

Participation in international seminar/ webinar and Paper Presentation

1. *Age of Extract On the death anniversary of Imam Khomaini With session on Poetry recitation* Organized by the Nehad-e Kitabxane-haye Umumi-e Jamhuri-e Islami-e Iran. held on 3rd June, 2021. Presented a paper in Persian titled (Reception of Imam Khomaini in Bangladesh)
2. *International conference on Prophet Muhammad The importance of Prophet Muhammad in the Persian literature of the world* Organized by the Qanun-e O'farinash-haye Adabi wa Hunari-e Ustadan, Shiraz, Iran. held on 15th May, 2021. Presented a paper in Persian titled "Sher-e nobubi dar zaban-e Bangali (Prophetic Poetry/ Naa't in Bengali Language)
3. *International webinar of memory of Farid Uddin Attar Nishapuri* Organized by the Anjuman-e Asar va Mafakher-e Farhangi, Iran held on 14th April 2021. Presented a paper in Persian titled "Zaigha-e Attar dar Bangaldesh (Reception of Attar in Bangladesh)
4. *National seminar of Rumi Studies in the Indian Subcontinent* Organized by the Department of Persian, University of Delhi, India, held on 27th -28th March, 2021. Presented a paper in Persian titled Zaigah-e Moulana dar Bangladesh (Reception of Moulana in Bangladesh)

5. *International webinar of Indo-Persian Literature during 14th Century* Organized by the Department of Persian, University of Delhi, India, held on 12th -13th March, 2021. Presented an online paper in Persian titled “Zaigha-e Amir khosru dar daneshgah hai-e Bangaldesh (Reception of Amir khosru in the Universities of Bangladesh)”
6. *1st International webinar on Persian language in the sub-continent and East Asia*, Organized by Sadi Foundation, Tehran, Iran held on 3rd January, 2021. Presented a paper in Persian titled “Waziat-e Amuzesh-e Zaban wa Adabiyat-e Farsi wa Tardjume-e dar Bangaldesh (Present Status of teaching of Persian language and literature and translation in Bangladesh)”
7. *3rd International conference on Maulavi Special session on research on Maulavi in Bangladesh*, Organized by the Iranian Society for Promotion of Persian Language and Literature, Tahran, Iran held on 17th November 2020. Presented an online paper in Persian titled “Zayegah-e Moulana dar Nejam-e Amujesh-e Bangladesh.” (Status of Maulana in the Education system of Bangladesh)
8. *International webinar of Short stories and Novel writers in 1940-1979*, Organized by the Department of Persian, University of Delhi, India, held on 19th -20th October, 2020. Presented a paper in Persian titled “Vazieiate Kununi Dastan-e Kutah-e Navin-e Farsi dar Bangladesh” (Present status of modern Persian short story in Bangladesh)
9. *Persian Language and Literature Promotion Course 2020* Organized by the Allama Tabatabai University, Tehran, Iran held on 22nd August, 2020. Presented a Lecture in Persian titled Muhemtarin Asar-e Farsi Tardjume Shude be Zabab-e Bangla (Important Persian works translation Bengali)

Professor Mohammad Bahauddin

Participation in international seminar/ webinar and Paper Presentation

1. *Bangabandhu's Contribution to the Development of Islamic Civilization and Culture in Bangladesh*, (Session-1: Factors for the Growth and Prosperity of Civilization), The International Webinar on: ‘The Role of Literature, Culture and Humanities in the Formation of Civilization’ organized by the Cultural Center of the Embassy of the Islamic Republic of Iran in Dhaka, Bangladesh, March 13, 2021;
2. *Persian education in Corona epidemic in Bangladesh*, The article has been presented in International Conference on Education and Development of Persian Language in the World, organized by Allama Tabatabaee University and Saadi Foundation, Tehran, Iran, 15-16 December-2020.
3. *Rumi and the spread of mysticism in Bangladesh*, The article has been presented in International Virtual Conference on Persian Literature, organized by Allama Tabataba'i University, Tehran and Ministry of Science, Research and Technology, Iran, 12th January-2021.
4. *Counter-Terrorism and De-Radicalization Islam and Bangladesh Perspective*, Article has been accepted for “ICCTS 2020: International Conference on Conflict, Terrorism and Society” to be held on Nov 19-20, 2020 in Singapore.
5. *Corona epidemic: Self-realization from Islamic perspective*, Article has been accepted for “INSEARCH-2020: 7th International Integrative Research Conference on Governance in Society, Business and Environment” will be held on 19-21 December 2020 at BARD, Cumilla, Bangladesh.

6. *The Contribution of Syed Ahmadul Huq in Studying Sufism in Bangladesh*, Article has been accepted for “ICAGI 2021: International Conference on Al-Ghazali and Islam” to be held on Mar 29-30, 2021 in Sydney, Australia.
7. *Persian education in Corona epidemic in Bangladesh*, The article has been presented in International Conference on Education and Development of Persian Language in the World, organized by Allama Tabatabaee University and Saadi Foundation, Tehran, Iran, 15-16 December-2020.
8. *Rumi and the spread of mysticism in Bangladesh*, The article has been presented in International Virtual Conference on Persian Literature, organized by Allama Tabataba'i University, Tehran and Ministry of Science, Research and Technology, Iran, 12th January-2021.

Mahadi Hassan

Published Research Article:

১. ستایش نام محمد (ص) در سرودهای قاضی نذرالاسلام گرایش به شاعران فارسی (The praise of the Name of Prophet Muhammad (pbuh) in Nazrul's songs by the inspiration of Persian Poets), সংগীত শেকড় (ROOTS OF MUSIC), vol.02, no.01, ICBM (International Center for Bengali Music), নভেম্বর, ২০২০
২. বাংলা সাহিত্যে ফারসি রসে ঋদ্ধকরণে কাজী নজরুল ইসলামের অবদান, নিউজলেটার, কালচারাল কাউন্সেলরের দফতর, ইসলামি প্রজাতন্ত্র ইরান, জানুয়ারি-জুন ২০২১

International Saminar Article

১. সুফিসাধক সৈয়দ আহমদ উল্লাহ ও তাঁর মাইজভান্ডারী তরিকা, Two day International e-Conference on “Sufism, Perfected Humanity and Divine Communion-2020.” Darul Irfan Research Institute (DIRI), Chattogram, Bangladesh, অক্টোবর ২০২০

২. نعت پیامبر اسلام (ص) در آثار شاعران کلاسیک فارسی ایران و هند (Praise of the Prophet of Islam (PBUH) in the works of classical Persian poets of Iran and India), 15th International e-Conference of the Association for the Promotion of Persian Language and Literature at Shahid Chamran University of Ahvaz) . Ahvaz, Iran, ফেব্রুয়ারি, ২০২১
৩. বাংলায় ফারসি বর্ণমালার সঠিক উচ্চারণ : একটি ধ্বনিতাত্ত্বিক বিশ্লেষণ, International Bilingual Webinar on Tribal Lifestayle: Literature-Culture-Anthropology IBWTL 2020-2, Kolkata, India, জানুয়ারি, ২০২১

Book Editing

১. সৈয়দ আহমদুল হক রচনাবলি, ৩য় খণ্ড, সম্পাদনা (যৌথ), এপ্রিল ২০২১, মাওলা ব্রাদার্স, ঢাকা
২. মৌলানা জালালউদ্দিন রুমীর দিওয়ানে শামসে তাবরিসি, সম্পাদনা, মার্চ ২০২১, পাঠক সমাবেশ, ঢাকা
৩. ব্যঙ্গরসের হিন্দি গল্প সম্পাদনা, ফেব্রুয়ারি ২০২১, চমন প্রকাশ, ঢাকা

Department of Urdu (1921)

Chairman

Dr. Md. Rezaul Karim, M.A. (Urdu), (Rajshahi), Ph.D. (Rajshahi)

Professor

(1) Zafar Ahmed Bhuiyan, M.M. (Bangladesh Madrasha Education Board), M.A. (Urdu), Ph.D.; (2) Md. Mahmudul Islam, M.A. (Urdu), Ph.D.; (2) Mohammad Golam Rabbani, M.A. (Urdu), M.Phil, Ph.D.; (4) Md. Israfil, M.A. (Urdu), Ph.D.

Associate Professor

Rashid Ahmad, M.A. (Urdu), Ph.D.

Assistant Professor

(1) Md. Golam Mawla, M.A. (Urdu); (2) Husynul Banna, M.A. (Urdu); (3) Hafsa Akter, M.A. (Urdu).

2020								
M.Phil Degree	01							

Departmental Activities

The students of this department actively participate in various games/events like Inter-Department Football, Cricket and Basketball. The Department celebrates International Mother Language day every year. This department also celebrate Bangla New Year & University day.

Publications

Dr. Zafar Ahmed Bhuiyan

Research Article: Professor Dr, Kaniz e Batool: Life and works, *Dhaka University Journal of Urdu*, Volume: 7, year: 2014 (Published: 1st September 2020).

Dr. Md. Mahmudul Islam

Research Article: Dhaka: A Center of Urdu, *Dhaka University Journal of Urdu*, Volume: 7, year: 2014 (Published: 1st September 2020).

Research Article: Urdu Research in Bangladesh: 1971 to Present Age, *Dhaka University Journal of Urdu*, Volume: 8, year: 2015 (Published: 9th November 2020).

Dr. Mohammad Golam Rabbani

Research Article

1. Urdu Culture in Bangladesh (بنگلہ دیش میں اردو کلچر), Aaj ke Aalmi Tanazur Mein Urdu ka Tahaffuz Aur Farogh, (Conference Book), National Council for Promotion of Urdu Language, New Delhi, India, 2020, ISBN 978-93-89612-47-9

2. Urdu Short Story of Arman Shamsi (ارمان شمسی کی اردو افسانہ نگاری), *Dhaka University Journal of Urdu*, Number-7, Volume-7, Year-2014 (Published: 1st September 2020).

3. 'Use of technology in Urdu teaching' (اردو درس و تدریس میں ٹیکنالوجی کا استعمال) *Dhaka University Journal of Urdu*, Number-8, Volume-8, Year-2015 (Published: 9th November 2020).

4. 'Bangla-Urdu Conflict: reasons & motives:' (بنگلہ اردو تنازعہ: اسباب و محرکات), Tarseel, Kashmir University, India, Number 15, December 2020, Pp 82-93, ISSN 09756655

Dr. Md. Israfil

Research Article: Urdu Writers of Bangladesh in 21st Century, *Dhaka University Journal of Urdu*, Volume: 7, year: 2014 (Published: 1st September 2020).

Research Article: Bengali translators of contemporary Urdu literature, *Dhaka University Journal of Urdu*, Volume: 8, year: 2015 (Published: 9th November 2020).

Dr. Rashid Ahmad

Research Article: Shah Hakim Muhammad Akhtar and his Reformatory Poetry, *Dhaka University Journal of Urdu*, Volume: 7, year: 2014 (Published: 1st September 2020).

Research Article: The Dimension of Sufism in Galib's Works, *Dhaka University Journal of Urdu*, Volume: 8, year: 2015 (Published: 9th November 2020).

Dr. Md. Rezaul Karim

Research Article: Contribution of Dr. Kulsoom Abul Basher on Urdu, *Dhaka University Journal of Urdu*, Volume: 7, year: 2014 (Published: 1st September 2020).

Research Article: Nowshad Noori and his poetry, *Dhaka University Journal of Urdu*, Volume: 8, year: 2015 (Published: 9th November 2020).

Md. Golam Mawla

Research Article: Contribution of Javed Hussain on Translating Bangla from Urdu and Persian, *Dhaka University Journal of Urdu*, Volume: 7, year: 2014 (Published: 1st September 2020).

Research Article: Human Dignity on Iqbal's Poetry, *Dhaka University Journal of Urdu*, Volume: 8, year: 2015 (Published: 9th November 2020).

Husynul Banna

Research Article: Some Urdu Poet of Bangladesh in 21st Century, *Dhaka University Journal of Urdu*, Volume: 7, year: 2014 (Published: 1st September 2020).

Research Article: The role of madrassas to the promotion of Urdu, *Dhaka University Journal of Urdu*, Volume: 8, year: 2015 (Published: 9th November 2020)

Hafsa Akter

Research Article: Jalal Azimabadi: A contributor to Urdu Literature in Bangladesh” (بنگلہ دیش میں اردو ادب کے خدمتگزار : جلال عظیم آباد), *Dhaka University Journal of Urdu*, Department of Urdu , University of Dhaka, vol:7 , pp.118-130, year: 2014 (Published: 1st September 2020).

Research Article: Basic Thoughts of Masroor Jahan and her fictions writing” (مسرور جہاں کی فکری اساس اور افسانہ نگاری), *Dhaka University Journal of Urdu*, Department of Urdu, University of Dhaka , vol: 8 , pp.28-44, year: 2015 (Published 9th November 2020)

Conference Paper

Linguistic Relationship Between Bangla & Urdu (بنگلہ اور اردو کا لسانی رشتہ), Baza-e-Sadaf International online Seminar (Bangladesh Chapter) The Literary and Linguistic Relationship of Urdu with different Languages of the World, Date 11.12.2020,

Department of Sanskrit (1921)

Chairman

Namita Mandal, M.A.

Professor

(1) Dulal Kanti Bhowmik, M.A., Ph.D (Rabindra Bharati, India); (2) Madhabi Rani Chanda, M.A., Ph.D (Jadavpur), [L.P.R]; (3) Asim Sarkar, M.A., Ph.D.; (4) Malabika Biswas, M.A., Ph.D.

Associate Professor

(1) Chandana Rani Biswas, M.A. (Sanskrit), M.A. (Bengali), B.Ed (National University), Ph.D.; (2) Mayna Talukdar, M.A., Ph.D.; (3) Sanchita Guha, M.A., Ph.D (Visva-Bharati, Santiniketan, India).

Assistant Professor

(1) Mr. Kalidas Bhakta, M.A., M.Phil.; (2) Mr. Titash Kumar Sil, M.A.; (3) Mr. Promatha Mistry, M.A.; (4) Mr. Rathindro Sarkar, M.A.

Supernumerary Professor

(1) Professor Dr. Narayan Chandra Biswas, MA, Ph.D (Poona); (2) Professor Niranjana Adhikary, MA (Bengali), MA (Sanskrit), Dip-in-German.

Part-Time Teacher

(1) Professor Farzana Lajju; Department of Economics, University of Dhaka.; (2) Dr. Ashis Talukder Associate Professor, Department of Management Information Systems, University of Dhaka. (3) Momenur Rasul; Associate Professor, Department of Bangla, University of Dhaka; (4) Eashrat Jahan Eyemoon; Lecturer, Department of Sociology, University of Dhaka.

Students

Classes	Number
Ph.D	04
M.Phil	10
MA	81
BA (Hons)	314
Total	409

Examination Results

Due to unavoidable circumstances of Covid-19 the BA(Hons), MA and M.Phil examinations could not be held.

Departmental activities

1. Annual Planned work for the whole year.
2. Sanskrit Department website was created.

Academic Activities of the Teachers**Dr. Dulal Kanti Bhowmik****Publication****Book:**

1. *Vaikunthavijaya by Amaramanikya*, Dhaka University Library, 2021

Dr. Malabika Biswas**Director and Editor**

Professor Dilip Kumar Bhattacharyya Research Centre, University of Dhaka.

Publication**Book:**

1. *Paresh Chandra Mandal Rachanā-Samkalan* [A Collection of Writings of Paresh Chandra Mandal], First Published: June 2021, Ashar 1428.

Dr. Chandana Rani Biswas**Publication****Article**

1. Vaidik Sahitye Shantir Vani [Message of peace in Vedic literature], *Nibandhamala* (Collection of Research Articles), Vol. XXII, July 2020, pp. 87-104, Centre for Advanced Research in Humanities, University of Dhaka
2. Padapapuranam, [Written in Sanskrit Language], *Prachyavidya Patrika*, Vol. 11, June 2021, pp. 21-29, Prof. Dilip Kumar Bhattacharyya Research Centre, Department of Sanskrit, University of Dhaka

Participation in Seminar/Workshop :

1. Participated and read a paper on *Present pandemic and Sanskrit Shastra* at the international webinar organized by the Department of Sanskrit, Nabadwip Vidyasagar college, West Bengal, India on 03.07.2020
2. Participated and read a paper on *Importance of Health Awareness in present pandemic : Ancient Indian perspective* at the international webinar organized by the Department of Sanskrit, Raghunathpur college, West Bengal, India 02.08.2020
3. Participated and read a paper on *Polity of the Mahabharata in the context of present perspective* at the international webinar organized by the Department of Sanskrit, Sadhan Chandra Mahavidyalaya, West Bengal, India on 22.09.2020

Dr. Mayna Talukdar**Co-Editor**

Prachyavidya Patrika, (10th Vol. and 11th Vol.)

Professor Dilip Kumar Bhattacharyya Research Centre, University of Dhaka

Publication

Book: *Paresh Chandra Mandal Rachanā-Samkalan* [A Collection of Writings of Paresh Chandra Mandal], Professor Dilip Kumar Bhattacharya Research Centre, First Published: June 2021, Ashar 1428.

Publication

1. Royal Patronage of Sanskrit Rhetoricians : A Case Study, *Prachyavidya Patrika*, Vol-11, June 2021, Professor Dilip Kumar Bhattacharya Research Centre, Department of Sanskrit, University of Dhaka.

Dr. Sanchita Guha**Publication****Book**

1. *Vaikunthavijaya & Saraswata-Britti-Panjika (Pravabati)*, *Stri-Pratyay-Vivecana*, published by Dhaka University Library, First published: March 2021

Articles

1. Agnipurane Ayurveda and Prasangikata [Āyurveda and relevance in *Agnipurāṇa*] *Prachyavidya Patrika* (Vol-11), Professor Dilip Kumar Bhattacharya Research Centre, Department of Sanskrit, University of Dhaka, June 2021

Participation in Seminar:

1. Participated in one day International Seminar organized by Dept. of Sanskrit, Mankar College, West Bengal, India on *Role of Ayurveda in Present Situation* on 02/10/2020.

Project:

1. *Āyurveda Paribhāṣā* (Decipher, Translation and Editing) [Joint], Dhaka University Library, December, 2020-June2021.

Kalidas Bhakta**Publication****Articles**

1. The political ideology of Father of the Nation Bangabandhu Sheikh Mujibur Rahman and the politics of present day Bangladesh. Vol. 11, *Journal of Sociology*, University of Dhaka. Issue 2 July-December, 2020, P. 157-174
2. A review of Hindu goddess in sculptures preserved in the Mainamati Museum: A Study, *Prabondhavali*, Perspectives in Social Science Vol. 14, July 2018, Centre for Advanced Research in Social Science, University of Dhaka, March, 2021.

Rathindro Sarkar**Project:**

1. *Āyurveda Paribhāṣā* (Decipher, Translation and Editing) [Joint], Dhaka University Library, December, 2020-June2021

Department of Pali & Buddhist Studies (1921/2007)**Chairman**

Professor Dr. Suman Kanti Barua, M.A., Ph.D., L.L.B.

Professor

(1) Dilip Kumar Barua, M.A; Ph.D. (Japan); (2) Belu Rani Barua, M.A , Ph.D.; (3) Biman Chandra Barua M.A., Ph.D.

Associate Professor

(1) Neeru Barua M.A.; Ph.D.; (2) Shantu Barua M.A; Ph.D. (Japan).

Assistant Professor

(1) Md. Ashikuzzaman Khan Kiron, M.A.; (2) Shamima Nasrin, M.A.

Lecturer

(1) Jyotiswi Chakma, M.A (D.U); (2) Ratna Rani Das M.A (D.U).

Supernumerary Professor

Professor Dr. Sukomal Barua

Part-Time Teacher

(1) Dr. Hosneara; (2) Dr. Sadik Hasan; (3) Mrs. Ilora Sharmin ila; (4) Mr. Mehedi Karim Shimanto (5) Suman hammed (6) Romana Papri.

Students

Year and Classes	Session and Batch	Number of Student
First Year B.A.	2020-2021, (15 Batch)	90
2nd Year B.A.	2019-2020, (14 Batch)	73
3rd Year B.A.	2018-2019, (13 Batch)	79
4th Year	2017-2018, (12 Batch)	76
M.A.	2016-2017, (11 Batch)	64
M.Phil	-----	05
Ph D	-----	00
Total Students		387

Examination Results

Year Number of classes	Exam Year	Classes Examinees	Passed of Student	Percentages of Passed
1st Year, 1 st Semester, (14 Batch)	Exam-2020	73	73	100%
2nd Year, 3 rd Semester, (13 Batch)	Exam-2020	76	76	100%
3rd Year, 5 th Semester, (12 Batch)	Exam-2020	76	76	100%
4th Year, 7 th Semester, (11 Batch)	Exam-2020	65	65	100%
M. A 1 st Semester, (10 Batch)	Exam-2020	82	82	100%
M.Phil	Exam-20	05	05	Running
Ph D	-----	00	00	Time Extension
Total Student	-----	372	372	100%

Departmental Activities

Due to covid-19 almost all work was stopped in this session except online education activities, but when the situation got little relaxed a lot of development work was done in the department.

- A. Under the Pali and Buddhist Studies Department a day long program was organized on the occasion of *Mujib Satavarsa* (100 years of Mujib's birthday, the father of Nation) on 26 November 2021. In the first session a discussion was held regarding the renovation and decoration of the Seminar Library, Lecture Hall, Conference and Teachers Rooms. Dr. Abu. Md. Delwar Hossain, Honorable Dean, Faculty of Arts, presided over the meeting. Honorable Vice-Chancellor Md. Aktharuzzaman graced the function as chief guest and inaugurated the function along with laid down the renovation stone. Besides, Dr. Md. Rahmat Ullaha, President of Dhaka University Teachers Association, Dr. A. K. M. Golam Rabbani, Honorable Proctor of Dhaka University and Dr. Uttam Kumar Barua, Joint Secretary of *Svadhinata Chikitsa Parisad* were also present as special guests. All of them delivered valuable speeches on the aims and objectives of modern education system. And the contribution of father of the nation Banghabandu Shek Mujibur rahman. Prof. Dr. Suman kanti Barua chairman, Department of Pali & Buddhist Studies has give the welcome address on this function.
- B. In the 2nd Session a seminar was held on "*The Future of Buddhist Society in the light of Mujib's Spirit.*" The session was presided by the Professor Dr. Suman Kanti Barua, Chairman of Pali and Buddhist Studies Department. Mr. Sampad Barua, Honorable Secretary of the President of Republic of Bangladesh graced the seminar as chief guest. Besides, Dr. Md. Nizamul Hoque Bhuyan, Secretary General of Dhaka University Teachers Association, Dr. Abdul Bachir, Director of Uccharagavesana O Samajik Gavesan Kendra and Dr. Mihirlal Shaha, Honorable Dean of Science Faculty and Provost of Jagannath Hall were attend as special guest. Moreover, many leaders of Buddhist Organization were also present in the Seminar. Professor Suman Kanti Barua

delivered the Presidential speech and Professor Dr. Dilip Kumar Barua gave Vote of Thanks.

Besides the academic activities students of department also took part in sports and other cultural activities organized by the University.

Activities of Professor Dr. Suman Kanti Barua

Professor Dr. Suman Kanti Barua has served as the Chairman of the department of Pali & Buddhist Studies; in addition to that he also took the initiative to renovate the departmental classroom, Seminar Library, Chairman room, office room, and Teachers room in this academic year 2020-2021.

Apart from this he has Presented the keynote speech in an International Seminar, jointly organized by Indian High commission and Bangladesh Bouddha Kristi Prachar Shanga at the Dharmarajika Buddhist Monastery auditorium in Dhaka.

Activities Professor Dr. Dilip Kumar Barua

In the Academic Year 2020-2021, Professor Dr. Dilip Kumar Barua published an article on “A Study on the Origin and Way of Life of Rakhaines of Bangladesh, in *Prachya Vidya Patrika*, Special Issue 2021, University of Dhaka. Moreover, he played vital role as coordinator in an international Seminar on “Buddhism and Buddhist Heritage of Bangladesh and India’ held on 23 November 2021 organized by the Indian High Commission and Bangladesh Bauddha Kristy Pracher Sangha. Scholars from home and abroad took part in the Seminar and presented many valuable articles.

Department of History (1921)

Chairman

Professor Dr. Abu Md. Delwar Hossain

Professor

(1) Ahmed Abdullah Jamal, M.A., Ph.D. (Moscow); (2) Nurul Huda Abul Monsur, M.A., Ph.D. (Rajasthan); (3) Abu Md. Delwar Hossain, M.A., Ph.D.; (4) Mesbah Uddin Ahmed, M.A.; (5) Rana Razzaque, M.A., Ph.D., (6) Ashfaque Hossain, M.A., M.Phil., Ph.D. (Nottingham); (7) A. M. Amzad, M.A. (Moscow), Ph.D. (Moscow); (8) Surma Zakaria Chowdhury, M.A., Ph.D.; (9) Asha Islam Nayeem, M.A., Ph.D.; (10) Eshani Chakraborty, M.A., M.A. (America), Ph.D. (Australia) [On leave]; (11) Aksadul Alam, M.A., Ph.D. (New Delhi); (12) Prodip Chand Dugar, M.A., Ph.D. (Nottingham).

Associate Professor

(1) Sania Sitara, MA, Ph.D.; (2) M. A Kawser, M.A., M.Phil. (Oslo); (3) Mrittika Shahita, M.A., M.A. (America); (4) S. M. Rezaul Karim, M.A., M.Phil., Ph.D.; (5) Milton Kumar Dev, M.A., Ph.D.; (6) Sharmin Akhtar, M.A. [On leave]; (7) Lukna Yesmin, M.A.

Assistant Professor

(1) Farhana Akter Shoovra, M.A.; (2) Shahidul Hasan, M.A. [On leave]; (3) Mithun Kumar Saha, M.A.; (4) Shanta Patranobish, M.A.; (5) Sharmin Jahan Chowdhury, M.A.; (6) Mahmuda Akter Poly, M.A.; (7) Sajib Kumar Banik, M.A.; (8) Azrin Afrin, M.A.

Lecturer

(1) Taskia Haq Lyric, M.A.; (2) Fairouz Jahan, M.A.; (3) Md. Habibullah, M.A.; (4) Forkan Ahned, M.A.

Supernumerary Professor

Professor Sharifullah Bhuiyan, M.A.; (2) Professor A. Z. M. Iftikhar-Ul-Awal, M.A., Ph.D. (London).

Bangabondhu Chair

Professor Muntassir Uddin Khan Mamoon, M.A, Ph.D.

Part-Time Teacher

(1) Prof. Prodip Kumar Roy (Rtd. Professor, Department of Philosophy, DU); (2) Prof. Dr. Shoumitra Shekhar (Department of Bengali, DU.) (3) Mr. Abul Kalam Azad (Department of Economics, DU); (4) Mr. Md. Monirul Islam (Department of Political Science, DU). (5) Prof. A. K. M. Khademul Haque (Department of Islamic History & Culture, DU). (6) Prof. Md. Fazlur Rahman (IER, DU); (7) Mr. Md. Monirul Islam, (Department of Political Science, DU).

Students

Year and classes	Numbers
1 st Year B. A. Honours (2019-2020)	135
2nd Year B. A. Honours (2019-2020)	134
3 rd Year B. A. Honours (2019-2020)	130
4 th Year B. A. Honours (2019-2020)	132
M.A. (2019-2020)	125
M.Phil. (2020-2021)	7
Ph.D. (2020-2021)	1

Examination Results (examination was not held during the covid time)**Co-Curriculum/Extra-Curriculum Activities**

The Department of History encourages students to achieve academic excellence as well as physical, social, cultural and professional development. Students of the department have set glorious records in sports and cultural activities. The two fields that our amateur sportsmen excel in are cricket and football. To encourage the students, the department has provided sports and physical training equipments. The department organizes cultural functions on different occasions where students take part in singing, dancing, acting and instrumental music. These activities bring awareness among the students about our history, tradition, culture and heritage. They have also earned honor for the department by winning

medals in the Cultural Week organized by the Faculty of Arts. Apart from these, the department organizes an orientation program-cum-reception regularly for incoming freshers and a farewell for completing students. As a part of its academic program, the department also organizes seminars, guest lectures and observes the National days of Bangladesh. The History Department Debating Club (HDDC) has been formed recently to create leaders of tomorrow by promoting the art of debate as an effective way of developing communication skills. Recently, the department has also established Book Reading Club, Film Club and initiated Public Lecture for the students to enhance their intellectual abilities. The Department organizes study tours within Bangladesh for Honors level students. Students of the Masters class tour the SAARC countries. Every year on 14th December the department commemorates its martyred teachers of 1971 by paying floral homage.

Research and Publications**Professor Dr. Asha Islam Nayeem****Paper presentations at international webinars:**

1. 'Rhetoric versus Reality: Colonial Intervention, Female Education and Social Change in Eastern Bengal,' webinar organized by the Department of History, University of Burdwan, West Bengal, India, on September 14, 2020.
2. 'Let There be Light: Women Educators and Educationists in Colonial India', webinar organized by Women's History Conclave, an international organization of women's historians, on March 6, 2021.
3. Panelist for the international panel 'Choose to Challenge', on the occasion of International Women's Day, 2021, organized by Diamond Harbour University, West Bengal, India, on March 7, 2021.
4. 'History of Women's Empowerment in Bangladesh,' presented at the Bangladesh Study and Research Centre, Getik University, Istanbul, Turkey, on June 14, 2021.

Dr. Milton Kumar Dev

Associate Professor

1. *Jayatu Vivekananda* (Dhaka: Jagriti Prokashoni, November 2020), ISBN- 978-984-95046-4-1
2. *Teacher Murder at Dhaka University* (Dhaka: Nabajug Prokashoni, January 2021), ISBN-987-984-913-96-89-0
3. *Bangabandhu Sheikh Mujibur Rahman & Emergence of Bangladesh* (Dhaka: Nabajug Prokashoni, February 2021), ISBN-978-984-91396889
4. *Jagannath Hall Tragedy: Dhaka University* (Dhaka: Jagriti Prokashoni, January 2021), ISBN-978-984-9504658

Mrityika Shahita

Associate Professor

Seminar

“E Agun Chhoriye Gelo Shobkhane: Purbo Pakistane Rabindra Janmashatabarsha Udjapon” (Centenary Birthday Celebration of Rabindranath Tagore in East Pakistan), presented at 6th International Congress of Bengal Studies, jointly convened by International Society of Bengal Studies and Department of Modern Indian Languages & Literary Studies, University of Delhi, India, February 27, 2021.

Assistant Editor, *Bangladesher Itihaas* (History of Bangladesh in Regional Perspectives – Sultanate and Mughal periods), two volumes, edited by Professor Dr. Abdul Momin Chowdhury, Asiatic Society of Bangladesh, Dhaka, December 2020.

Departmental Seminars

1. S. M. Rezaul Karim, “Bangladeshe Bhumi Shangskaar (1885-1971)”, 25 July 2020
2. S. M. Rezaul Karim, “Bhumi Shattwa O Bhumishangshlishto Pokkhoshomuher Poriborton: Prekkhit Aubibhokto Bangla O Purbo Bangla (1885-1971)”, 23 August 2020
3. Mossarof Hossain, “Muktijuddhakalin Bohirbishwe Mujibnagar Sharkaarer Kutnitik Udyog,” 3 November 2020

4. Mossarof Hossain, “ Bangladesher Muktijuddhe Bangali Kutnitik Poribaarer Naarider Aubodaan,” 13 January, 2021
5. Chand Sultana Kawser, “Dhaka Medical College er Naari Chikitshak: Gyan Ahoron O Sheba,” 28 January, 2021
6. Tapan Kumar Palit, “Bangladesher Shangskritik Andolon (1947-1969): Swarup O Bikash” 9 February, 2021
 - A. S. M. Mohsin, “Bangabandhu-IahyaBaithak, Ganahatyar Prastuti (16-25 March, 1971) Ebong New York Times,” 7 April, 2021

Department of Philosophy (1921)**Chairman**

Professor Dr. A.K.M. Haroonar Rashid (Harron Rashid)

Emeritus Professor

Professor Abdul Matin, MA, MA (Manitoba), PhD (Toronto), Commonwealth Fellow (Oxford).

Professor

(1) Md. Sajahan Miah, MA, MA (McMaster), PhD (McMaster), Commonwealth Fellow (Cambridge); (2) A.K.M. Haroonar Rashid, MA, PhD; (3) Shah Kawthar Mustafa Abululayee, MA, M Phil, Ph D (Aligar); (4) M. Matiur Rahman, MA, Darshanshastri (Sanskrita Pragmahavihar, Kolkata), PhD (Rabindrabharati), Post Doctoral Fellow (Visva Bharati); (5) Ahmed Jamal Anwar, MA, MA (Dalhousie), Fulbright Sr. Fellow, SUNY (SB); (6) Nayeema Haque, M A, Ph D (Manchester), Post Doctoral Fellow (Manchester); (7) Jasim Uddin, MA, PhD (New South Wales); (8) Abu Zafar Mohammad Saleh, MA; (9) Md. Nuruzzaman, MA, MA (Saskatchewan); (10) Md. Abdul Muhit, MA, PhD (Western Ontario).

Associate Professor

(1) A K M Yunus, MA, M Phil; (2) Mohammed Daud Khan, MA, Ph.D; (3) Tahmina Yesmin Shova, MA, MA (Linkoping); (4) Mst. Rebeqa Sultana, MA, MPhil, PhD.

Assistant Professor

(1) Ahammad Ullah, MA; (2) Kazi A. S. M. Nurul Huda, MA, PhD (Oklahoma); (3) Mandira Chowdhury, MA.

Lecturer

(1) Muhammad Wahidul Alam, MA; (2) Arina Khatun Zinnia, MA; (3) Refat-E-Rubaia, MA; (4) Bellal Ahmed Bhuiyan, MA.

Supernumerary Professor

Professor Azizun Nahar Islam, MA, PhD (Benaras), Commonwealth Fellow (Birmingham).

Honorary Professor

(1) Professor Niru Kumar Chakma, MA, PhD (Dundee); (2) Professor Pradip Kumar Roy, MA, PhD (Poona).

Number of Students

Class	Session	No. of student	
1st year Hons.	2019-2020	Semester 14th Batch	173
2nd year Hons.	2018-2019	Semester 13th Batch	175
3rd year Hons.	2017-2018	Semester 12th Batch	161
4th year Hons.	2016-2017	Semester 11th Batch	128
MA	2019-2020	Semester 10th Batch	151

Examination Results

Year & Class	No. of examinees	Passed	Percentage of pass
4th year Hons. 2019	150	144	96.00%
MA 2019	151	144	95.36%

Departmental Activities**World Philosophy Day 2020**

Department of Philosophy, Dev Centre for Philosophical Studies, Centre for Moral Development and Philosophy Department Alumni Association organised World Philosophy Day 2020 on 19 November, 2020 on Zoom platform. Professor Dr. Nayeema Haque, Department of Philosophy,

University of Dhaka presented a paper entitled “Viral Disease and the Position of Individual Patient: Bioethics Versus Ethics of Public Health.” The Chief Guest was the Vice Chancellor Professor Dr. Md. Akhtaruzzaman. Dean of the Faculty of Arts Professor Dr. Abu Md. Delwar Hossain was the Special Guest. Professor Dr. Shah Kawthar Mustafa Abululayee, Director, Centre for Moral Development, University of Dhaka delivered welcome address. Mrs. Mahfuza Rahman Chowdhury Babli, General Secretary, Dhaka University Philosophy Department Alumni Association and Professor Fahmida Rabbi, Head of the Department of Philosophy, Eden College spoke on the occasion. The programme was presided over by the Chairman of the Department of Philosophy Professor Dr. A.K.M. Haroonar Rashid (Haroon Rashid). A Souvenir, edited by Professor Md. Nuruzzaman was published on this occasion.

Dev Centre for Philosophical Studies

The Centre regularly publishes two yearly journals in Bangla and English, viz., *Darshan O Progoti* and, *Philosophy and Progress* respectively. During the session 2020-2021 Dev Centre for Philosophical Studies organize Dev Memorial Lecture 2019 and 1 Webinar. Professor Dr. A.K.M. Haroonar Rashid (Haroon Rashid) worked as the Director in this session.

Centre for Moral Development

During the session 2020-2021, three Webinars were organised by the Centre. During this session Professor Dr. Shah Kawthar Mustafa Abululayee worked as the Director of the Centre.

Teacher’s Activities**Awarded Ph.D**

Professor Ahmed Jamal Anwar, Mohammad Daud Khan and Mst. Rebeka Sultana obtained Ph.D degree from this University and Kazi A. S. M. Nurul Huda obtained Ph.D.degree from the University of Oklahoma, USA.

Professor Dr. Shah Kawthar Mustafa Abululayee

1. Professor Dr. Shah Kawthar Mustafa Abululayee attended an international Webinar held from 13 to 17 October 2020 and took part in the discussion organized by G-20 Interfaith Forum, Saudi Arabia.
2. Professor Dr. Shah Kawthar Mustafa Abululayee presided International Webinar entitled 'Sufi Approach to Islam and the Role of Sultanul Hind (Khwaja Muinuddin Chishti)' held on February 5, 2021 organized by Sayed Hasan Muntaki Academy, Kashmir, India.
3. He presided an International Webinar entitled "Muslim Response to Islamphobia" held in the Indianstate of Kashmir. Scholars from USA and other countries on 6 March 2021 presented papers in this Webinar.
4. Research scholar Md. Abdul Quddus was awarded Ph.D degree for the thesis titled "Socio-Economic Philosophy of Sayyid Mohammad Baqr Sadar" (in Bangla) under the supervision of Professor Dr. Shah Kawthar Mustafa Abululayee

**Publication and Research Paper
Articles**

Author	Title of the Article	Publisher
Dr. Kazi A. S. M. Nurul Huda Assistant Professor Department of Philosophy Universiry of Dhaka	Misrecognition, Social Stigma and COVID-19	Developing World Bioethics (Advance Online Publication)

Department of Islamic Studies (1921)**Chairman**

Professor Dr. Md. Shamsul Alam

Professor

(1) Muhammad Abdul Latif, M.A, Ph.D.; (2) Muhammad Shafiq Ahmed, M.A, Ph.D.; (3) Muhammad Abdur Rashid, M.A, Ph.D.; (4) Muhammad Shafiqur Rahman, M.A, Ph.D.; (5) Md. Shamsul Alam, M.A, Ph.D.; (6) Md. Sanaullah, M.A, Ph.D.; (7) Md. Akhteruzzaman, M.A, Ph.D.; (8) Muhammad Yousuf, M.A, Ph.D.; (9) Md. Musleh Uddin, M.A, Ph.D.; (10) Md. Masud Alam, M.A, Ph.D.; (11) Hafiz Muztaba Riza Ahmed, M.A, Ph.D.

Associate Professor

(1) Md. Yousuf, M.A, Ph.D.; (2) Muhammad Zhahirul Islam, M.A, Ph.D.; (3) Muhammad Zahidul Islam, M.A, Ph.D.; (4) Md. Rafiqul Islam, M.A, Ph.D. (Rajshahi).

Assistant Professor

(1) Mustafa Monjur, M.A [On Study Leave]; (2) Amir Hossan, M.A, Ph.D.; (3) Quazi Farjana Afrin, M.A; (4) Zahidul Islam Sana, M.A; (5) Mohammad Imaul Huq Sarkar, M.A; (6) S.M. Masum Baki Billah, M.A, Ph.D.

Honorary Professor

(1) Professor A.R.M.Ali Haider, M.A, Ph.D; (2) Professor Md. Abdul Baqi, M.A. Ph.D.

Part-Time Teacher

(1) Md. Giashuddin, M.A, Ph.D.; (2) Baitullah Quaderee, M.A, Ph.D.; (3) Lafifa Jamal, M.A, Ph.D.; (4) Chowdhury Farhan Ahmed, M.A, Ph.D.; (5) Md. Mahbub Kaiser, M.A.; (6) S. M. Arif Mahmud, M.A, Ph.D.; (7) Md. Elias Uddin, M.A; (8) Zaynul Abedin, M.A

Students

Years and Classes	Sessions	Numbers
1 st year B.A.(Hons.) (14 th Batch)	2019-2020	188
2 nd year B.A.(Hons.) (13 th Batch)	2019-2020	200
3 rd year B.A.(Hons.) (12 th Batch)	2019-2020	196
4 th year B.A.(Hons.) (11 th Batch)	2019-2020	192
M.A.(Group- A & Group-B)(10 th Batch)	2019-2020	183
M.Phil.	2019-2020	12
		971

Examination Results

Year and Class	No. of Examinees	Classes	Percentage
1 st year B.A.(Hons.) 1 st Semester (14 th Batch)-2020	187	Promoted 187	100%
1 st year B.A.(Hons.) 2 nd Semester (14 th Batch)-2020	188	Promoted 187	99.46%
2 nd year B.A.(Hons.) 3 rd Semester (13 th Batch)-2020	202	Promoted 202	100%
2 nd year B.A.(Hons.) 4 th Semester (13 th Batch)-2020	200	Result yet not published	
3 rd year B.A.(Hons.) 5 th Semester (12 th Batch)-2020	193	Promoted 193	100%

3 rd year B.A.(Hons.) 6 th Semester (12 th Batch)-2020	196	Result yet not published	
4 th year B.A.(Hons.) 7 th Semester (11 th Batch)-2020	190	Promoted 190	100%
4 th year B.A.(Hons.) 8 th Semester (11 th Batch)-2020	192	Promoted 186	96.88%
M.A. (Group-A) 1 st Semester (10 th Batch)-2020	35	Promoted 35	100%
M.A. (Group- B) 1 st Semester (10 th Batch)-2020	145	Promoted 145	100%
M.A. (Group-A) 2 nd Semester (10 th Batch)-2020	35	Result yet not published	
M.A. (Group-B) 2 nd Semester (10 th Batch)-2020	145	Result yet not published	
M.Phil -2020	12	Promoted 12	100%

Publications**Professor Dr. Md. Shamsul Alam****Article**

Title : COVID-19 Pandemic : An Islamic Analysis, Journal Name : Centre for Research and Policy Studies, Ankara, Volume No. ISSN 26872226, Volume : 3, Issue : 2021, Page No. 9-28

Professor Dr. Muhammad Abdur Rashid**Article**

1. “বাংলাদেশে ইলমে হাদীসের প্রচার-প্রসারে মুফতী ওবাইদুল হক নঈমী (রহ.)-এর অবদান”, পৃষ্ঠা : ৮৩-৯৩, মুফতি মুহাম্মদ ওবাইদুল হক নঈমী (রহ.) স্মারক গ্রন্থ,

- সম্পাদনা-ড. মোহাম্মদ আব্দুল হালিম কাদেরী, প্রকাশনা: আল ইমাম মুসলিম (রহ.) ফাউন্ডেশন, চট্টগ্রাম, নভেম্বর : ২০২০
২. “মানবসেবায় আব্দুল কাদির জিলানি (রহ.) এর আদর্শ”, *সওতুল মদীনা*, মোহাম্মদপুর, ঢাকা : সংখ্যা : নভেম্বর-২০২০, পৃ: ৩০-৩২
 ৩. “আব্দুল আযীয মুহাদিসে দেহলবী : জীবন ও চিন্তাধারা”, *সওতুল মদীনা*, মোহাম্মদপুর, ঢাকা : সংখ্যা : জানুয়ারী-ফেব্রুয়ারী-২০২১, পৃ: ৩৪-৪৫
 ৪. “গরীবের নেওয়াজ”, *সওতুল মদীনা*, মোহাম্মদপুর, ঢাকা : সংখ্যা : মার্চ-২০২১, পৃ: ২৮-৩১
 ৫. “হযরত মাওলানা মির্জা এনায়েতুর রহমান বেগ (রহ.) : সংক্ষিপ্ত জীবনালেখ্য ও অবদান”, *রমজানুল মোবারক*, *সওতুল মদীনা* প্রকাশনী, মোহাম্মদপুর, ঢাকা : এপ্রিল-২০২১ (দ্বিতীয় সংস্করণ), পৃ: ৪-৮

Conference Proceeding

১. ইসলামিক ফাউন্ডেশন বাংলাদেশ (অনলাইন সেমিনার)-বিষয় : “মানবকল্যাণে বঙ্গবন্ধু”, সময় : বিকাল-৩:০০টা, তারিখ : ২৬/৭/২০২০, সভাপতি : মহাপরিচালক মহোদয়, ইসলামিক ফাউন্ডেশন।
২. লিডিং ইউনিভার্সিটি, সিলেট, প্রধান অতিথি ও প্রধান আলোচক, ইসলামিক স্টাডিজ বিভাগের উদ্যোগে অনুষ্ঠিত সেমিনার, বিষয় : “নৈতিকতা ও সামাজিক মূল্যবোধ প্রতিষ্ঠায় ইসলামের শিক্ষা : আমাদের করণীয়”, সময় : সন্ধ্যা-৭:৩০টা, তারিখ : ২১/৯/২০২০ (অনলাইন সেমিনার)।
৩. লিডিং ইউনিভার্সিটি, সিলেট, প্রধান অতিথি ও প্রধান আলোচক, ইসলামিক স্টাডিজ বিভাগের উদ্যোগে অনুষ্ঠিত সেমিনার, বিষয় : “সিয়াম সাধনার আর্থ-সামাজিক তাৎপর্য”, সময় : বিকাল-১২:০০টা, তারিখ : ২৬/৮/২০২১ (অনলাইন সেমিনার)।
৪. “2-days Training of Trainers (ToT) on Research and Ethics” organized by the Institutional Review Board, Bangabandhu Sheikh Mujib Medical University, Dhaka, তারিখ : ১-২ জুন, ২০২১ (অংশগ্রহণকারী)।

Books

১. গ্রন্থ রচনা : করোনা ভাইরাস : ইসলামী নির্দেশনা ও আমাদের করণীয়, আল বয়ান ইসলামিক রিসার্চ ফাউন্ডেশন, মোহাম্মদপুর, ঢাকা : জুলাই-২০২০, প্রথম সংস্করণ : পৃষ্ঠা সংখ্যা-৩২

২. গ্রন্থ রচনা : ঢাকা বিশ্ববিদ্যালয়ের ইসলামিক স্টাডিজ বিভাগ : ইতিহাস ও ঐতিহ্য (২০১৪-২০১৭), সবুজ মিনার প্রকাশনী, বাইতুল মুবারক জামে মসজিদ কমপ্লেক্স, ৩২০, সোনারগাঁও রোড, ধানমন্ডি, ঢাকা : ডিসেম্বর-২০২০, পৃষ্ঠা সংখ্যা-২৯৬
৩. সম্পাদক : “জার্নাল অব ড. সিরাজুল হক ইসলামিক রিসার্চ সেন্টার”, ড. সিরাজুল হক ইসলামী গবেষণা কেন্দ্র, কলাভবন, ঢাকা বিশ্ববিদ্যালয়।
৪. সম্পাদক : “শতবর্ষে ঢাকা বিশ্ববিদ্যালয়ের ইসলামিক স্টাডিজ বিভাগ (১৯২১-২০২১)” গ্রন্থ প্রণয়ন কমিটি (চলমান গবেষণা প্রকল্প)।

Professor Dr. Hafiz Muztaba Riza Ahmed

Article

Brotherhood in Islam and Thoughts of Said Bediuzzaman Nursi, The Arts Faculty Journal, Vol. 10, No. 14-15, July 2018-June 2020, Published November-2020

Department of Islamic History and Culture (1948)

Chairman

Professor Dr. Md. Mosharraf Hossain Bhuiyan

Professor

(1) Md. Akhtaruzzaman, MA, PhD (Aligarh); (2) Mohammad Ibrahim (LPR), MA, LLB, M Phil, PhD (Aligarh); (3) Md. Mahfuzul Islam, MA; (4) Md. Aatur Rahman Miazi, MA, PhD; (5) Md. Mosharraf Hossain Bhuiyan, MA, PhD; (6) Md. Aatur Rahman Bishwas, MA; (7) AKM Golam Rabbani, MA, PhD, (Nottingham); (8) Abdul Bashir, MA, PhD; (9) Mohammad Siddiqur Rahman Khan, MA; PhD (10) AKM Khademul Haque, MA, PhD; (11) Nusrat Fatema, MA, M Phil; PhD; (12) S M Mofizur Rahaman, M.A; PhD; (13) Mohammad Humayun Kabir, MA, M Phil; PhD.

Associate Professor

(1) Suraiya Akhtar, MA, M Phil; (2) Md. Abul Kalam Azad, MA, PhD; (3) Md. Syfullah, MA, PhD; (4) Md. Zakaria, MA; (5) Md. Nurul Amin, MA; (6) Md. Abdur Rahim, M.A; PhD, (7) A. T. M. Shamsuzzoha, M.A, PhD (China); (8) Mahmudur Rahman, M.A, M Phil, MBA. (9) A K M Iftekharul Islam, M.A.

Assistant Professor

(1) Muhammad Mahmudur Rahman (Bahlul), MA.

Lecturer

(1) Muhammad Omar Faruq, MA; (2) Nazma, MA; (3) Roaksana Firdaus Nigar, MA.

Supernumerary Professor

Professor Nazma Begum, M.A, PhD.

Honorary Professor

(1) Professor Ayesha Begum, M.A. MSS (Nagoya), PhD (Rajshahi); (2) Professor Mohammad Ibrahim, MA; LLB,M.Phil and Ph D (Aligarh)

Part-Time Teacher

(1) Professor Fatema Rezina Parvin;(2) Dr.Md. Sohrab Hossain; (3) Md. Manirul Islam; (4) Md. Billal Hossen; (5) Professor Dr. Marium Begum; (6) Dr. Sharmin Chowdhury.

Number of Students	Session	Number
1 st Year BA (Hons) 1 st sem	2020-2021	160
2 nd Year BA (Hons) 3 th sem	2020-2021	165
3 rd Year BA (Hons) 5 th sem	2020-2021	180
4 th Year BA (Hons) 7 th Sem	2020-2021	176
MA (Group A ,B & C) 1 st Sem	2020-2021	164
M Phil Part –I	2020-2021	07
M Phil Part –II	2020-2021	07
<u>Ph D</u>	<u>2020-2021</u>	<u>01</u>
Total		852

Examination Results

Year & Class	Examinees	Percentage
4 th Year 8 th Sem-2020	-	Unpublished
MA (Group- A)-2020	-	Unpublished
MA (Group- B)-2020	-	Unpublished
MA (Group- C)-2020	-	Unpublished

Publications

Book/ Edited book/Article

Professor Md. Mahfuzul Islam

‘Maulana Bhasani and His Political Thoughts, *A Compilation of Essays 5*, Department of Islamic History and Culture, University of Dhaka, December 2020.

Professor Dr. Md. Mosharraf Hossain Bhuiyan

Muslim Prosason: Sultano O Mughal Amal (Muslim Administration: Sultanate and Mughal Period), *History of Bangladesh: Sultanate and Mughal Period (C. 1200-1800)*, vol. I, Chapter 21, edited by Abdul Momin Chowdhury, The Asiatic Society of Bangladesh, Dhaka, December 2020.

Professor Dr. Md. Aaur Rahman Miazi

Shah Abbas the Great: His Administrative Genious and Foreign Policy, *Collection of Essays-5*, Bangabandhu Birth Centenary Issue, Department of History and Culture of Islam, University of Dhaka, December 2020

Professor Dr. A.K.M Golam Rabbani

Book

Co-author, Bangladesh –Saudi Arab Somporko: 1971-1981 (Bangladesh_Saudia Arabia Relations: 1971-1981), Dhaka, (in press)
Editor, Etihase Nari: Dokkhin Asia Prosongo (Women in History: South Asia Perspective), BangladeshItihas Parishad, Dhaka, (in press)

Article

Bongobondhur Vasoner Ononno Boisistho, Bangalir Ohonkar Bongobondhu, Bangladesh Bank, Dhaka, March 2021
Korona Kalin Online shikha Karjokrom: Goti O prokriti, The Daily Campus, Dhaka, 24 &28 August 2020

An analysis of the Problems and Prospects of External Financial Sources of the Dhaka Improvement Trust during the Pakistan Period, submitted for publication to a ‘Special Issue’ of Arts Faculty, dedicated to the celebration of the Golden Jubilee of Independent of Bangladesh, the Birth

Centenary of the Father of Nation Bangabandhu Sheikh Mujibur Rahman and the Observance of the 100 Years of the University of Dhaka (Article), submitted 15 June 2021

‘The Evolution and Development of Proctorial System in the University of Dhaka’, Sharif uddin Ahmed (ed.), *Dhaka University: History and Heritage*, University of Dhaka, Dhaka (Book Chapter). Submitted on 09 May 2021

Professor Dr. Abdul Bashir
Article

Professor Dr. Mohammad Siddiqur Rahman Khan

Book:

Nobabi Banglar Oviyat Sreni; Rajniti, Somaj O songskriti (The Elite Class under Nobabi Bangla: Politics, Society and Culture), Bangladesh Asiatic Society, Dhaka, December 2020

Book Chapter

‘The Aristocracy in Nawabi Bengal’ in the *History of Bangladesh: Sultanate and Mughal Period (C. 1200-1800)*, vol. II, edited by Abdul Momin Chowdhury, The Asiatic Society of Bangladesh, Dhaka, December 2020.

Nobabi Banglar Oviyat Sreni (The Elite Class under Nobabi Bangla), *History of Bangladesh: Sultanate and Mughal Period (C. 1200-1800)*, vol. II, edited by Abdul Momin Chowdhury, The Asiatic Society of Bangladesh, Dhaka, December 2020.

Book Chapter

‘*Dhaka Bishshobiddalayae Sthanio Itihaschorcha O Goveshona*’ [Local Historiography and Research of Dhaka University], Edited by A K M Golam Rabbani, *Banglay Sthanio Itihaschorcha*, Bangladesh Itihas Parishad, Dhaka, July 2019

Articles

১. Pakhtunistan Somossa O Pak-Afghan Somporko (1947-79) [Pakhtunistan crisis and Pak-Afghan Relations (1947-79)], *Probondho Sonkolon-5* (A Compilation of Essays- 5), Department of Islamic History and Culture, University of Dhaka, December 2020.
২. Bangladeshe Ershad Birodhi Jot Rajniti (1983-1990) [Anti Ershad Politics in Bangladesh (1983-1990)], *Itihas O songskriti*, 5th Vol., 3rd Chapter, Kolkata, 2020
৩. Bharat Biboktir Prakkale Obivokto shadin Bangla Protisthar Proyas O Poriniti, (The Bengal on the eve of Partitioon of India) *Research Journal*, Vol-III, May 2021, Islamic History and Culture, Rajshahi University.

Articles published in daily newspapers and periodicals:

- Noitic O manobik Shikkhar Proyjoniota, Daily Jugantar, 6 August, 2020
- Pracer Oxford Bitorko O Dhaka Bissobiddaloy Nie kichu Kotha, The Daily Campus, 10 August 2020,
- Aya Sofiar Rupantor, Daily Noya Diganta, 19 July, 2020
- Aya Sofiar O Fere Dekha Itihas, The Daily Campus, 15 July 2020
- Dhaka Bissobiddaloyer Jonmokothe, The Daily Campus, 1-2 July 2020
- Islami Biplobottor Iran: Poribortito Poristhithi O Obosthan, News Letter, Vol. 43, Janu- June 2021, Islamic Cultural Centre, Iran, Dhaka

Professor Dr. AKM Khademul Haque

Article

The Quest for ‘Bengal’ in Historical Records, *Probondho Sonkolon-5* (A Compilation of Essays- 5), Department of Islamic History and Culture, University of Dhaka, December 2020.

Professor Dr. S M Mofizur Rahaman**Article**

“Ibn Khalduner Itihas Dorshan ebong er Bortoman Prasongikotra Bishleson” [Ibn Khaldun’s Historical Philosophy and Analysis of its Current Relevancy], *Kola Anushad Patrika*, Dhaka University, vol-10, no- 14-15, July 2018-June 2020

Dr. Md. Abul Kalam Azad**Article**

“Palestine Problem and the Contemporary Arab Leaders”, *Compilation of Essays-5*, Bangabandhu birth centenary number, Department of Islamic History and Culture, University of Dhaka, 2020.

Dr. Md. Syfullah

1. “Fatemiyoder Porbumukhi Niti: Poriprekhit, Grihito Padakhep o Jothartota” [The Eastern Policy of the Fatimid: Perspectives, Taken Measures and their Appropriateness], *Kalaanushad Patrika*, vol. 10, nuber 14-15, (July 2018-2020), Kalaanushad Patrika, University of Dhaka, October 2020, pp. 21-30.
2. “Bangladesh Candidature as the OIC Secretary General: Internal And External Factors for Defeat in the OIC Top Post Race”, *The Arts Faculty Journal*, Vol. 10, No.14-15 (July 2018-June 2020), Faculty of Arts, University of Dhaka, Dhaka, November 2020, pp.53-65
3. “Palestine Crisis and the Al-Quds Committee: Role of Bangladesh”, *Compilation of Essays-5*, Bangabandhu birth centenary number, Department of Islamic History and Culture, University of Dhaka, 2020.

Dr. Md. Nurul Amin**Article**

“Khwaja Nijamuddin Ahmed Bakhshir Itihash charcha: Prosongo ‘Tobakat-i-Akbari’” [Historiography of Khwaja Najimuddin Ahmed Bakhshi: The Tabakat-i-Akbari Context], *Compilation of Essays-5*, Bangabandhu birth centenary number, Department of Islamic History and Culture, University of Dhaka, 2020.

Dr. Md. Abdur Rahim**Article**

“Arjodorshon Patrika o Bharotio Jatiotabad” [The Arjodorshon Newspaper and the Indian Nationalism], **Probondho Sonkolon-5 (A Compilation of Essays- 5)**, Department of Islamic History and Culture, University of Dhaka, December 2020.

Dr. A. T. M. Shamsuzzoha

1. Crafts and Technology, *History of Bangladesh: Sultanate and Mughal Period (c.1200-1756AD)*, Vol. 2, Asiatic Society of Bangladesh, Nimtoli, Dhaka, October, 2020, pp.157-174.
2. Effectiveness of Bangladesh-China Cultural Relations (1991-2017): Impact on Bangladesh, *Journal of Arts*, Vol. 10, No. 14-15, Faculty of Arts, University of Dhaka, Dhaka, July 2018-June 2020.
3. Non-traditional Security Cooperation between Bangladesh and China, **Probondho Sonkolon-5 (A Compilation of Essays- 5)**, Department of Islamic History and Culture, University of Dhaka, December 2020.
4. Shilpo Koushal O Projukti [Art-Technic and Technology, History of Bangladesh: Sultanate and Mughal Period (Approx. 1200-1800 CE), Asiatic Society of Bangladesh, Dhaka, December 2020]
5. Bangladesh China Social and Cultural Relationship (1991-2019): An Analysis on the Theoretical Review of Power Theory, *Journal of Arts*, Vol. 9, Number 2, Faculty of Arts, Jagannath University, July-December 2019, Published in 2021.

Mahmudur Rahman**Article**

Bongovongo Rod O Dhaka Bissobiddaloy: Ekti Porjalochona (Reunited Bengal and Dhaka University), **Probondho Sonkolon-5 (A Compilation of Essays- 5)**, Department of Islamic History and Culture, University of Dhaka, December 2020.

Muhammad Omar Faruq Hadise Nobobir Alope Imam Hosainer Sahadater Vibishat Bani (trans.) Original: Khosru Kashem, Kollan Bangladesh, Dhaka, March 2021

Mrs. Nazma**Article**

Usmani somrajje Capitulation Poddoti: Ekti Porjalochona (Capitulation System in the Ottoman Empire: A Discussion), **Probondho Sonkolon-5 (A Compilation of Essays- 5)**, Department of Islamic History and Culture, University of Dhaka, December 2020.

Mrs. Roaksana Firdaus Nigar**Article:**

New Zealand Songkhalogu Somproday: Utso O Kromobokash (The Minority Muslim Society of New Zealand: Source and evolution), **Probondho Sonkolon-5 (A Compilation of Essays- 5)**, Department of Islamic History and Culture, University of Dhaka, December 2020.

Professor Ayesha Begum (Honorary Professor)**Article****Book Chapter**

1. 'Durgo Sthapotto' Abdul Momin Choudhury (ed.), *Bangladesher Itihas (C-1200 to 1800 CE)*, Vol-2, 2020, pp.534-559
2. 'Fort Architecture' Abdul Momin Choudhury (ed.), *History of Bangladesh Sultanate & Mughal Period (C-1200 to 1800 CE)*, vol.2 (Society, Economy, Culture), Bangladesh Asiatic Society, 2020, pp. 599-624
3. 'Mughal River Forts Around Dhaka: An Appraisal', *Journal of Bengal Art* (Silver Jubilee Volume), Volume-25, Enamul Haque (ed.), ICSBA, 2020, pp. 789-808
4. SirajGonjo Zelar Muslim Esthapotto O Otijjo, **Probondho Sonkolon-5 (A Compilation of Essays- 5)**, Department of Islamic History and Culture, University of Dhaka, December 2020.

Research Project**Articles published in daily newspapers and periodicals:****Participation in Seminar/Conference/Workshop**

Name of the Teachers	Title of the Papers	Name of the Seminar/Conference /Workshop, Organizer, Place and Country	Date
Professor Dr. A.K.M Golam Rabbani	ঔপনিবেশিক বাংলায় নগরায়ণ: প্রসঙ্গ মুঘল ঢাকা	Cities of Bengal during British Rule , Kandhara Radhakundo Mohabiddaloy, West Bengal, India ।	25 September, 2020
	ঢাকা নগরীর স্থানীয় ইতিহাস চর্চা	Cultivation of Regional History of Bengal, SEUDI Biddasagor College, West Bengal, India	8 January, 2021
Professor Dr. Mohammad Siddiqur Rahman Khan	The 1947 Partition and Bengal Reminiscing the Obliterated Histories'	Department of History, Khalisina University College, West Bengal, India	11 October 2020
	US Presidential Election: The Future of the Muslim World	Turko-Bangla Research Institute	6 November 2020
	Armenia Azerbaijan War and its Potential Impact on the Muslim World	London Islamic Research Academy	18 October 2020
	Nobboier dosoke Dhaka Bissobiddaloer Chatro Rajniti o sikhar Poribesh	Periser Janalay Dhaka University Cenetary virtual conference	26 September 2020

(Students Politics and environment of Education in the days of nineties)			
Sotoborsher Oviatrai Dhaka Bissibiddaloy(Dhaka University on the eve of centenary)	Calcutta University History Student Association		
Ishwar Chandra Vidyasagar Dhaka University, Centenary of Centenary	Dhaka Bissobiddaloy: sotoborser soto sriti on the memory of Vidyasagar's Bishat 2020		
The nature of politics in the Middle East after the Arab Spring	Turko-Bangla Research Institute	28 August 2020	
Palashi O totkain Oviat Sreni, (Palashi and contemporary elite class)	Organized by Bangladesh History Olympiad; Palashi Day:Looks back on the light of history,	23 June 2021	
Palashi Day: Lessons according todays Events	Center for Heritage Studies	24 June 2021	
History of Bosnian Muslim Genocide:A Review	Virtual Discussion by Islamic Research Academy	15 July 2020	

	Dhaka University and my Educational Life	A series of conferences Organized by <i>Edvive</i>	20 September 2020
	'Dhaka University Centenary: Different Thoughts of University Teachers' Presented as main speaker	Organized by Education Watch	29 September 2020
	Meditation in the Mediterranean: Cold War between Turkey and France'	organized by Education Watch	20 August 2020
	'Armenia-Azerbaijan War and the Role of Turkey'	insaf24.com	9 September 2020
Mrs. Suraiya Akter	Online Teaching and Exam Management	Centre of Excellence in Teaching and Learning (CoETL)	19 & 26 July 2020
	Research Methodology and Project Proposals	Centre of Excellence in Teaching and Learning (CoETL)	06 & 13 January, 2021
	Monthly trust fund lecture	Asiatic Society of Bangladesh	
Dr. A. T. M. Shamsuzzoha	"Online teaching techniques, use of modern google classroom facilities and other relevant platforms."	Centre of Excellence in Teaching and Learning (CoETL). Training Workshop on, Dhaka	19 July, 21, 23, 25, 26, , 27, 28 and 29 July, 2020, 12

			August, 2020, 06 and, 07 September, 2020,
	Advanced IT Skill for Professionals,	Centre of Excellence in Teaching and Learning (CoETL).	21 October, 2020,
	Curriculum Development	Centre of Excellence in Teaching and Learning (CoETL).	23 & 26 November, 2020,
Mr. Mahmudur Rahman	Induction Workshop on Teaching-Learning for Young Faculties	Centre of Excellence in Teaching and Learning (CoETL)	09 December, 2020
Mr. Muhammad Mahmudur Rahman (Bahlul)	Online Teaching and Exam Management	Centre of Excellence in Teaching and Learning (CoETL)	04, 06, 09, 13, 18 and , 23 February, 2021
Mr. Muhammad Omar Faruq	Office Management for DU Officers	Centre of Excellence in Teaching and Learning (CoETL)	27 March, 2021
	Online Teaching and Exam Management	Centre of Excellence in Teaching and Learning (CoETL)	09 December, 2020
Mrs. Nazma	Online Teaching and Exam Management	Centre of Excellence in Teaching and Learning (CoETL)	22, 23, 24 27 June, 2021, 29 June, 2021

Ayesha Begum Honorary Professor	Zinjira Place Fort at Zinjira and Its Remains	International Seminar, The International Center for Study of Bengal Art	12-12-2020
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Department of Information Science and Library Management (1959)

Chairman

Professor Dr. Md. Shiful Islam (from 08/05/2021)

Professor

(1) Dr. S. M. Mannan; (2) Dr. Md. Nasiruddin Munshi; (3) Dr. S.M. Zabed Ahmed; (4) Dr. Md.Saiful Alam; (5) Dr. Salma Chowdhury; (6) Dr. Muhammad Mezbah-ul-Islam ; (7) Dr. Kazi Mostak Gausul Hoq; (8) Dr. Md. Roknuzzaman; (9) Dr. Muhammad Jaber Hossain.

Associate Professor

(1) Dr. Md. Anwarul Islam; (2) Rowshan Akhter.

Assistant Professor

(1) Dr. Serajul Islam (Seraj Salekeen) ; (2) Mr. M A Kawser; (3) Dr.; (4) Bijoy Lal Basu; (5) Saownte Hayder.

Part-Time Teacher

(1) Mr. Md. Maidul Islam; (2) Shohana Nowrin; (3) Mr. Sk.. Mamun Mostofa; (4) Mr. Mohammad Sharif Ul Islam; (5) Mashiat Tabassum

Number of Students

Year and Class	Numbers
First Year B.A (Honours)	- 79
Second Year B.A (Honours)	- 82
Third Year B.A (Honours)	- 72
Fourth Year B.A (Honours)	- 69

M. A	-	64
M.A. (Evening) 3 rd Semester	-	39
M.A. (Evening) 4 th Semester	-	30
M.Phil	-	43
Ph.D	-	04
Total	-	482

Publications

Professor Dr. S M Zabed Ahmed

Journal Article

1. Habiba, U. and Ahmed, S.M.Z. (2021). ICT Infrastructure and access to online services: determining the factors affecting faculty satisfaction with university-subscribed resources. *International Information & Library Review*, 53(2), 112-130 [UK] DOI: 10.1080/10572317.2020.1794204
2. Shoeb, M.Z.H. and Ahmed, S.M.Z. (2021). How far are the public university libraries in Bangladesh meeting students' expectations? – an analysis of service quality through LibQUAL+ core items. *Performance Measurement and Metrics*, 22(1), 49-69 [UK] DOI: 10.1108/PMM-05-2020-0028
3. Habiba, U. and Ahmed, S.M.Z. (2020). Demographics and perceived computer skill levels as predictors of faculty awareness and use of electronic information resources. *Digital Library Perspectives*, 36(3), 281-301 [UK] DOI: 10.1108/DLP-04-2020-0019
4. Hossain, N. and Ahmed, S.M.Z. (2020). Use of scholarly communication and citation-based metrics as a basis for university ranking in developing country perspective. *Global Knowledge, Memory and Communication*, 69(6/7), 461-482 [UK] DOI: 10.1108/GKMC-09-2019-0112
5. Yesmin, S. and Ahmed, S.M.Z. (2020). Early career academics' understanding of library language: a study in a university setting in Bangladesh. *Global Knowledge, Memory and Communication*, 69(3), 171-187 [UK] DOI: 10.1108/GKMC-03-2019-0034

Professor Dr. Md. Shiful Islam

Text Book

তথ্য ও যোগাযোগ প্রযুক্তি: তাত্ত্বিক ও ব্যবহারিক, তাহমিদ-ফারিহা প্রকাশনী, ঢাকা, ফেব্রুয়ারী ২০২১।
(Information and Communication Technology: Theory and Practical), Tahmid-Fariha Publication, Dhaka, February 2021.

Professor Dr. Md. Roknuzzaman

Referred Book Chapter (Peer Reviewed)

1. **Roknuzzaman, M.** (2020). Creating Social Capital through the Public Library System in Bangladesh, In M.A. Alam, F. Alam and D. Begum (Eds.), *Knowledge Management, Governance, and Sustainable Development: Lessons and Insights from Developing Countries* (pp. 163-178), Routledge (Taylor & Francis), London.

Referred Journal Article (Peer Reviewed)

1. Tabassum, M., **Roknuzzaman, M.** and Begum, D. (2020). Employability skills of new generation LIS professionals in Bangladesh, *Journal of Knowledge & Communication Management*, 10(2), 121-144. DOI: 10.5958/2277-7946.2020.00011.X (India).
2. Begum, D., **Roknuzzaman, M.** and Elahi, M.H. (2020). Online information literacy training for users during COVID-19 pandemic: A case study of East West University Library, Dhaka, Bangladesh, *Journal of Knowledge & Communication Management*, 10(2), 81-98. DOI: 10.5958/2277-7946.2020.00008.X (India).

Papers Presented/Published in Conference Proceedings

1. **Roknuzzaman, M.** (2021). Big data and knowledge management: An integrative approach to service innovation in libraries, Paper presented as invited speaker at the 2nd International Conference on Information and Knowledge Management, East West University, Dhaka, June 24-26 (Abstract published in proceedings, pp. 30-32).

2. Saha, S. and **Roknuzzaman, M.** (2021). Usage of IoT in the university libraries of Bangladesh: Perceptions, issues and challenges, Paper presented at the 2nd International Conference on Information and Knowledge Management, East West University, Dhaka, June 24-26 (Abstract published in proceedings, pp. 82-84).

Dr. Md. Anwarul Islam

Journal Article

1. Islam, M. A and Roy, P (2021) Scholarly Productivity of Library and Information Science Research in Bangladesh A Bibliometric Study from 1971 to 2020, *DESIDOC Journal of Library and Information Technology*, 41(3): 213-225, 2021
2. Islam, M. A and Widen, G. (2021) Bibliometric Analysis of the VINE Journal of Information and Knowledge Management Systems: 2000-2020, *VINE Journal of Information and Knowledge Management Systems*, vol & no.ahead-of-print.
3. Atikuzzaman, M. and Islam, M.A. (2021) Perceptions and use of cloud services: an empirical study on the students of a public university in Bangladesh, *Digital Library Perspectives*, 37(2): 87-101
4. Agarwal, N.K. and Islam, M.A. (2020) Looking for knowledge management in library and information science research, *Global Knowledge, Memory and Communication*, 69(8/9): 697-716

Conference Paper

1. Agarwal, N. K., & Islam, M. A. (2020). Journal of the Association for Information Science and Technology: Analysis of two decades of published research. *Proceedings of the Association for Information Science and Technology*, 57(1): 210-220.

Department of Theatre And Performance Studies (1994)

Chairman

Md. Ashiqur Rahman

Professor

(1) Syed Jamil Ahmed, M.A (Warwick), PhD; (2) Md. Israfil, PhD (Rabindra Bharati).

Associate Professor

(1) Wahida Mollick, M.A (Rajshahi), M.A (Rabindra Bharati); (2) Rahmat Ali, M.A (Rabindra Bharati); (3) Ahmedul Kabir, PhD.

Assistant Professor

(1) Sudip Chakroborthy, M.A; (2) Shahman Shahriar, M.A; (3) Abul Basher Md. Ziaul Haque Bhuyan, M.A; (4) Md. Ashiqur Rahman, M.A; (5) Kazi Tamanna Haque Sigma, M.A.

Lecturer

(1) Tanvir Nahid Khan, M.A., (2) Ummay Somaiya, M.A.

Part-Time Teacher

(1) Dr. Khairul Islam Chowdhury; (2) Dr. Nayeem Sultana; (3) Mamunor Rashid; (4) Dr. Salimullah Khan; (5) Dr. Sydur Rahman; (6) Mohsina Akhter; (7) Naveed Rahman;

Student

Class	Number Examinee	Passed	Percentage
BA Honours 1st Year 2nd Semester 2019	20	20	100%
BA Honours 2nd	17	17	100%

Year 4th Semester 2019			
BA Honours 3rd Year 6th Semester 2019	15	15	100%
BA Honours 4th Year 8th Semester 2019	16	16	100%
MA 2nd Semester 2019	10	9	92%

DEPARTMENT'S PRODUCTIONS AND PERFORMANCES

Performed at TSC, Nat-mandal, Bangladesh Shilpakala Academy

Productions / performances	Playwright/Translation /Planning	Direction/Name of the Hall	Date
Recitation (Irsa)	Planning: Ashiqur Rahman	Abul Basher Md. Ziaul Haque Bhuyan	16 December 2020
Bangabandhur Oshomipto Attojiboni	Sheikh Mujibur Rahman	Dr. Israfil Shaheen	16 December 2020
Nurul Diner Sarajibon	Planning: Ashiqur Rahman	Md. Sanwarul Haq	16 December 2020

Department of Linguistics (1992)

Chairman

Professor Dr. Mohammad Ashaduzzaman, M.A., Ph.D.

Professor

(1) Shakhawat Ansary, M.A., Ph.D.; (2) Feroza Yasmin, M.A., Ph.D. (England); (3) Sikder Monoare Murshed, M.A., Ph.D.; (4) Syed Shahrier Rahman, M.A., Ph.D.; (5) Salma Nasrin, M.A., M.Phil., Ph.D.; (6) Gulshan Ara Begum, M.A.; (7) Mohammad Ashaduzzaman, M.A., Ph.D.

Associate Professor

(1) Monira Begum, M.A., Ph.D.; (2) Naira Khan, M.A.

Assistant Professor

(1) Nadia Nandita Islam, M.A., Ph.D.; (2) Jennifar Jahan, M.A., Ph.D.; (3) Khandker Khairunnahar, M.A.; (4) Mashrur Imtiaj, M.A. [Study Leave]; (5) Mithun Benajee, M.A.; (6) Syfin Rubyat, M.A.

Honorary Professor

Professor Dr. Abul Kalam Manjur Morshed, M.A., M.A. (British Columbia), Ph.D. (Edinborough).

Part-Time Teacher

(1) Professor (Ex.) Mohammad Daniul Haq, Department of Bangla, Jahangir Nagar University.; (2) Professor Dr. Bismadeb Chowdhury, Department of Bengali, University of Dhaka.; (3) Professor Dr. Syed Azizul Huq, Department of Bengali, University of Dhaka. ; (4) Professor Dr. Serajul Islam (Seraj Salekin), Department of Bengali, University of Dhaka.; (5) Professor Dr. Hakim Arif, Department of Communication Disorders, University of Dhaka; (6) Md. Selim Hossen, Assistant Professor, Department of Psychology, University of Dhaka; (7) Professor Dr. Zafor Ahmed Khan, Department of Statistics, University of Dhaka; (8) Professor Dr. Monirul I Khan, Department of Sociology, University of Dhaka; (9) Md. Abu Ahmed Ferdous, Associate Professor, Department of Com. Science & Engineering, University of Dhaka; (10) Gaus Al-Qader, Associate Professor, Department of English, University of Dhaka

Students

Sl.	Years and Classes	Students Numbers
1	1 st Year B. A. Hons 2 nd Semester 2020-2021	90
2	2 nd Year B. A. Hons 4 th Semester 2020-2021	85
3	3rd Year B. A. Hons 6 th Semester 2020-2021	65
4	4 th Year B. A. Hons 8 th Semester 2020-2021	79
5	M.A. 2 nd Semester 2020-2021	72
Total		391

Publication and Research papers

Sl. No.	Teachers Name	Article	Book
1	Dr. Mohammad Ashaduzzaman Professor Department of Linguistics University of Dhaka	1. The Justification of Style of the Short-Story 'idur' Written by Somen Charandra. <i>The Dhaka University Journal of Linguistics</i> . Year 12, Vol. 23-24. March 2021. 2. The mostly endangered of Patro Language and Culture <i>International Mother Language Institute (IMLI)</i>	
2	Dr. Monira Begum Associate Professor Department of Linguistics University of Dhaka	1. A Semiotic Analysis of Rokeya's 'Sultana's Dream': A Tartu-Model Approach. <i>The Dhaka University Journal of Linguistics</i> . Year 12, Vol. 23-24. March 2021. 2. Analysis of Bengali Invitations to Wedding in Traditional/Hindu Religion: In context of linguistic and non-linguistic elements (In Bangla). <i>Bangla Academy Patrika</i> , Year- 65 : Vol.1, January-- June, 2021(joint) 3. Rokeya's literary work: In Bengali women's liberation movement (In Bangla). <i>Arts faculty Journal</i> , Dhaka university, July, 2020 - June, 2021(accepted)	

3	Ms. Mithun Banerjee Assistant Professor Department of Linguistics University of Dhaka	Michael Rabbidge & Mithun Banerjee (2022): Positional Identities of an International Student in South Korea: Denied Rights and Neglected Duties, <i>Journal of Language, Identity & Education</i> , DOI: 10.1080/15348458.2021.2014844	
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Department of Music (1994/2009)**Chairperson**

Dr. Debproshad Dawn, M.A in Music, Ph.D.

Professor

(1) Shahnaz Nasrin Ila, M.A in Music (Rabindra Bharati), Ph.D.

Associate Professor

(1) Aklima Islam Kuheli, M.A in Music (M.S.U. Borada), Ph.D.; (2) Mohoshina Akter Khanom (Leena Taposi), M.S.S (Economics), M.A in Music (Visva Bharati), M.Phil & Ph.D.; (3) Debproshad Dawn, M.A in Music, Ph.D.

Assistant Professor

(1) Tumpa Samadder, M.A in Music; (2) Anamul Haque, M.A in Music.; (3) Azizur Rahman Tuhin, M.Music (Visva Bharati), M.Phil.; (4) Priyanka Gope, M.Music. (Rabindra Bharati), Ph.D.; (5) Dr. Md. Ziaur Rahman (Sayeem Rana), M.A in Islamic Study, Ph.D; (6) Sabrina Akter Tina, M.A in Music, M.Phil, Ph.D.; (7) Mohammad Shoeb, M.A in Music, M.A in Music (Rabindra Bharti).; (8) Swarup Hossain, M.A in Percussion (M.S.U. Borada).

Lecturer

Mehfuj Al Fahad, M.A in Music.

Part-Time Teacher

(1) Khairul Anam Shakil, Bsc Engineering, Leads (UK); (2) Zaynul Abedin, M.A in English; (3) Mosarrat Jahan, Bsc (Department of Computer Science and Engineering), MS (Canada); (4) Fatama Akter, M.A (Music), Rabindra Bhariti University; (5) Md. Ohiduzzaman, M.A in Music (UODA), ; (6) Naima Islam Naj, MA in Music; (7) Prosen Roy, M.A in Percussion (Rabindra Bhariti University); (8) Bishwajit Kumar Natta ((Rabindra Bharati); (9) Prosenjit Ghose, M.Com (National University)

Number of Students

No	Year/Semester	Total
1.	1 st Year (1 st Sem) (2020-2021)	37
2.	2 nd Year (3 rd Sem) (2019-2020)	42
3.	3 rd Year (5 th Sem) 2018-2019	43
4.	4 th Year (7 th Sem) (2017-2018)	44
5.	M.A (1 st Sem) (2016-2017)	35
6.	M.Phil	10
7.	P.hD	05
Total		216

Activities of the Department

After the establishment of the Department of Music it has been arranging and performing various types of cultural programs besides teaching music [B.A (Hons) M.A, M.Phil and Ph.D]. The Department of Music has started its journey separately in the University of Dhaka from 01 July 2009. The Department of Music performs cultural program on the establishment Day of the University of Dhaka every year. It has organized different types of

programs like – Nabanno Utshob, International Mother Language Day, Independence Day & National Day, Barshobaron (Pohela Boishakh). Besides, the Department of Music has also performed cultural programs in difference electronic media. In the University programs arranged for the National Level persons at the Senate Bhaban, our Department of Music has performed the musical programs. Besides, students of this department also participate in different ministry for cultural programme.

Publications

নাম	প্রবন্ধের শিরোনাম	সাময়িকী/পত্রিকার নাম	প্রকাশকাল
ড. মহসিনা আক্তার খানম সহযোগী অধ্যাপক	Kazi Nazruler Raag Proddhan Gaan	<i>Kobi Kazi Nazrul Institute Potrica, (Vol. 29)</i>	June 2021
	Kazi Nazruler Gaane Swadharmo Bhabna O Odhhattyabad Roots of Music	<i>Intermational Center for Bengali Music (ICBM)</i>	November 2020
ড. দেবপ্রসাদ দাঁ সহযোগী অধ্যাপক	Jaggan : Musical Heritage of Jessore District, Bangladesh	<i>International Journal of Science and Business (IJSAB), Vol: 5, Issue: 5 Page : 33-43</i>	2021
জনাব আজিজুর রহমান সহকারী অধ্যাপক	অতুল প্রসাদের গানে গৃহবৈরাগ্য ও প্রেমবিবহ	কলা অনুষদ পত্রিকা, খণ্ড-১০, সংখ্যা : ১৪- ১৫	জুলাই ২০২০
	বাংলা গানের পঞ্চকবি : অনন্য নজরুল	কবি নজরুল ইনস্টিটিউট পত্রিকা, ৩৮-তম সংকলন	সেপ্টেম্বর ২০২০

Department of World Religions & Culture (1999)

Chairperson

Professor Dr. Fazrin Huda

Professor

Fazrin Huda, M.A., Ph.D.

Associate Professor

(1) Dr. Father Tapan Camilus De Rozario, PhD; (2) Dr. Shaikh Farid, M.A., MS. Mphil. PhD; (3) Dr. Mohammad Elius, M.A., M.Phil. PhD; (4) Dr. Mohammad Jahangir Alam, M.A. M.Phil. PhD; (5) Miss Eva Sadia Saad, M.A.; (6) Dr. Md. Abu Sayem, M.A., M.Phil. Ph.D.

Assistant Professor

(1) Md. Abdullah Al Mahmud, M.A.; (2) Md. Abu Taher, M.A., M.Phil.; (3) Dr. Shafi Md. Mostofa, M.A. PhD; (4) Md. Mohsin Reza, M.A.; (5) Md. Didarul Islam, M.A [on Study Leave]; (6) Mr. Shafiul Islam, M.A.; (7) Miss Ayesha Siddika, M.A.; (8) Miss Sadia Afrin, M.A.

Lecturer

Shahla Shahreen, M.A.

Honorary Professor

Professor Dr. Kazi Nurul Islam, M.A., Ph.D.

Part-Time Teacher

(1) Professor Niranjon Adhikari (Department of Sanskrit); (2) Dr. Mizanur Rahman, Assistant Professor (English), Department of Humanities, Bangladesh University of Engineering and Technology (BUET).

Number of Students

Year and Program	Total Number
2019-2020, First Year (B.A. Honors)	92
2018-2019, Second Year (B.A. Honors)	98
2017-2018, Third Year (B.A. Honors)	85
2016-2017, Fourth Year (B.A. Honors)	85
2019-2020, M.A.	89
M Phil	09
PhD	00

Total Students

458

Publications

Dr. Md Shaikh Farid

Associate Professor

1. 'Basil Anthony Moreau (1799-1873) and His Philosophy of Christian Education'. *Philosophy and Progress*, 63(1-2), 2021. <https://doi.org/10.3329/pp.v63i1-2.55954>
2. 'Religious, Cultural and Legal Barriers to Organ Donation: The Case of Bangladesh'. *Bangladesh Journal of Bioethics*, 12(1), 2021.
3. 'The Congregation of Holy Cross in East Bengal, East Pakistan and Bangladesh: History and Mission'. *The Arts Faculty Journal*, 10(14-15), 2020.
4. 'Oral History Research: Theoretical and Methodological Issues'. *The Dhaka University Studies*, 72-73(1-2), 2020.
5. 'Muslim Consumers' Buying Motivation and Preference of Halal Foods in Dhaka', *The Journal of Sociology*, 11(1), 2020.

Dr. Mohammad Elius

Associate Professor

1. 'Muslim Treatment of Other Religions in Medieval Bengal', *SAGE Open*, 2020, 10.1177/2158244020970546
2. 'A Critical Appraisal of Interreligious Dialogue in Islam', *SAGE Open*, vol. 10(4), 2020, 10.1177/2158244020970560

Dr. Mohammad Jahangir Alam

Associate Professor

1. 'Exploring Cao Dai Holy Books and Literatures: A Brief Overview', *Holy Books and World Literature*, Cosmic Community Centre and Dr. Alexander Marthoma Centre for Dialogue, 2020, Kerala.

2. 'Role of Teachers' Professionalism in Creating Diversity Awareness among the School Going Students: Bangladesh Perspective', *Journal of Emerging Technologies and Innovative Research*, 7(11), 2020, <https://www.jetir.org/papers/JETIR2011336.pdf>

Dr. Md. Abu Sayem

Assistant Professor

1. 'Islam and Environmental Ethics: A Qur'ānic Approach', *Islamic Studies*, 60(2), 2021.
2. 'A Survey Study of Recent Works on Nasr's Eco-Religious Thought and Approach', *Journal of Islam in Asia*, 18(1), 2021.
3. 'Building Eco-theological and Bio-centric Approach to Environmental Ethics: John B. Cobb's Perspective', *Religió: Jurnal Studi Agama-agama*, 11(1), 2021.
4. 'Causes and Consequences of Environmental Degradation: A Survey Study', *International Journal of the Asian Philosophical Association*, 13(2), 45-67.
5. 'Islamic Faith for Health and Welfare in the Globalizing South Asia: The Case of Bangladesh'. In: Ville Paivansalo and Ayesha Ahmad, ed. *Religion and Health Justice: Promoting Well-Being across Cultures*, Minneapolis: Fortress Press (South Asian Theology), 2021.
6. 'Lynn White, Jr.'s Critical Analysis of Environmental Degradation in Relation to Faith Traditions: Is His "The Historical Roots of Our Ecological Crisis" Still Relevant?' *Journal of Ecumenical Studies*, 56(1), 2021.
7. 'Religions and Environmental Sustainability: Focusing Some Practical Approaches of John B. Cobb, Jr. and Seyyed Hossein Nasr', *Australian Journal of Islamic Studies*, 6(1), 2021.
8. 'Religious Perspectives on Environmental Issues: A Dialogue with John Cobb', *Process Studies*, 49(2), 2020.
9. 'Religious Perspectives on Environmental Issues: A Conversation with Seyyed Hossein Nasr', *Journal of Islamic Studies*, 59(2), 2020.

10. 'Multi-faith Initiatives on Environmental Issues: Assessing relevant Organizations and their cooperative Action for Environmental Sustainability', *Quest: Studies on Religion & Culture in Asia*, 4, 2020.

Conferences:

- 1) Presented a paper on "Multifaith Dialogue on Ecological Crisis: Necessity of Cooperation among religious Leaders from Global to Local" in the International Webinar on Interfaith Dialogue for Peace and Harmony, jointly organized by the Centre for Interreligious and Intercultural Dialogue, and the Department of World Religions and Culture, University of Dhaka, on 17-18 February 2021.
- 2) Presented a paper on "Eco-Religious Spirituality for Ecological Society: An Islamic Perspective" in the Webinar for the International Conference on Spiritual Leadership & Social Transformation, co-organized by the Department of Cultural and Religious Studies, the Asia Academy of Practical Theology and Divinity School of Chung Chi College, the Chinese University of Hong Kong, on 22 May 2021.
- 3) As a panellist, delivered a speech on "the Islamic Faith for Health and Welfare in the Globalizing South Asia: The Case of Bangladesh" in the Webinar of Faith-Based Health Justice in Times of Global Trauma and Transformation organized by the Diaconia University of Applied Sciences (Helsinki, Finland), the Faculty of Theology (University of Helsinki, Finland), Centre for Multidisciplinary Research on Religion and Society (Uppsala University, Sweden), the Fortress Press (Minneapolis, USA), LM International (Stockholm, Sweden), and the Berkley Center for Religion, Peace, and World Affairs (Georgetown University, Washington, D.C., USA), on 15 June 2021.

Mr. Md. Abu Taher

Assistant Professor

Books:

1. *Japan: Society, Culture and Religion, A Historical Perspective*, ABS Publications, New Delhi, 2020.
2. *Dhormo Niya Joto Kotha* (A discourse on the religions of Bengalee people), Shucheepta, Dhaka, 2021.

Training/Workshop/Conference:

1. Participated in an online International Conference on 'IRD Caravan: A Journey Through Sacred Scripture and Place Confirmation' on 19 August, 2020 organized by the John Paul II Centre for Interreligious Dialogue, Italy.
2. Participated in an advanced training programme on 'Fusion Leadership' on August 20 to September 03, 2020 organized by the URI Global office, USA and URI India at the Webinar
3. Participated in the International e-Conference on 'Connecting the Rohingya Diaspora: Highlighting the Global Displacement', on 25-26 August 2020 organized by the of the Centre for Genocide Studies, University of Dhaka, ActionAid and the Centre for Peace and Justice (CPJ), BRAC University, Bangladesh.
4. Participated in an online International Conference on 'The Inclusive Edge; Tapping into the Faith Dimension to Accelerate Nature Actions for a Sustainable Future' on 10 September, 2020 organized by the UN Environment Programme, Faith for Earth, United Religious Initiatives, SF, USA.
5. Organised a two-day Workshop at hill tracts area on 'Face to Face Intercultural Dialogue with Indigenous People of Bangladesh' ,7-8 November, 2020 Alikadam, Bandarban, organised by United Religious Initiative (URI Bangladesh)
6. Participated in the Eco Peace Online Training on 'Climate Security, Environmental Peacebuilding and Digital Storytelling - Lake Chad Basin',

on September 2020-February2021 organised by the EcoPeace Middle East Environmental – Jordan

7. Participated in seminar on 'Kabbalah and the Secrets of the Hebrew Alphabet', on 23 March 24 February, 2021 organised by the Academy of Jewish Religion, CA, USA

8. Participated in seminar on 'A Jewish Response to Industrial Animal Agriculture' on March 8, 2021 organised by the Academy of Jewish Religion, CA, USA

Administrative Duties of Dhaka University:

1. House Tutor, Kabi Jashim Uddin Hall, University of Dhaka

Dr. Shafi Md. Mostofa

Assistant Professor

Book

1. *Islamist Militancy in Bangladesh: A Pyramid Root Cause Model*, Palgrave (Springer), Cham, 2021, <https://doi.org/10.1007/978-3-030-79171-1>

Book Chapter

1. 'Revisiting S.P. Huntington's 'The Clash of Civilizations' thesis', in Akbarzadeh, S. Routledge Handbook of Political Islam, Routledge, London, 2020, 10.4324/9780429425165
2. 'Role of Education in Social Integration: A Case Study of Bhutanese Refugees of Nepal in Australia', in Prodig, M. A., Roy, G., and Nandy, D, *Refugee Education in South Asia: Policies, Practices, and Implications*, USA, 2021.

Peer Reviewed Journal Articles

1. 'Understanding of Islamist Militancy in Bangladesh', *Journal of Asian and African Studies*, SAGE, 2021, (Impact Factor: 1.021), <https://doi.org/10.1177/00219096211004630>

2. 'Jamaát-e-Islami and Trust-building in Bangladesh', *Journal of Politics and Policy*, Blackwell and Wiley, 2021, (Impact Factor: 0.26), <https://doi.org/10.1111/polp.12403>
3. 'Rise of Competitive Authoritarianism in Bangladesh', *Politics and Religion*, Cambridge University Press, 2020, (Impact Factor: 1.65), <https://doi.org/10.1017/S1755048320000401>
4. 'Key Drivers of Female Radicalisation in Bangladesh'. *Counter Terrorist Trends and Analyses*, 12(4), Singapore, 2020.

Book Reviews

1. 'Islam and politics in Bangladesh: the followers of Ummah': by Mubashar Hasan, *Journal of Global Change, Peace, and Security*, Francis and Taylor, <https://doi.org/10.1080/14781158.2020.1798025>
2. 'Islam Beyond Borders: The Umma in World Politics'. By James Piscatori and Amin Saikal, *Journal of Church and State*, Oxford University Press, <https://doi.org/10.1093/jcs/csaa089>

Opinion Pieces

1. 'France's Satiric Cartoons: Another Casus Belli for Terrorists', *The Australian Outlook*, Australian Institute of International Affairs, Australia, 2021, <https://www.internationalaffairs.org.au/australianoutlook/frances-satiric-cartoons-another-casus-belli-for-terrorists/>
2. 'Bangladesh's Ambiguity on Religion Has Been Expensive for the Country'. *The Diplomat*, 2020. United States, <https://thediplomat.com/2020/09/bangladeshs-ambiguity-on-religion-has-been-expensive-for-the-country/>
3. 'Islamist Cyber-Radicalization in Bangladesh during Covid-19'. *The Australian Outlook*, Australian Institute of International Affairs, Australia, 2020, <https://www.internationalaffairs.org.au/australianoutlook/cyber-radicalisation-bangladesh/>
4. 'What Does COVID-19 Mean for Terrorism in Bangladesh?'. *The Diplomat*, United States, 2020,

<https://thediplomat.com/2020/06/what-does-covid-19-mean-for-terrorism-in-bangladesh/>

5. 'How Huntington and Fukuyama got the 21st century wrong', *The Al Jazeera*, Doha, 2020, <https://www.aljazeera.com/opinions/2020/12/19/how-huntington-and-fukuyama-got-the-21st-century-wrong>

6. 'Rohingya refugees in Bangladesh: The impacts of forced migration', The Policy Forum, Australian National University, Australia, 2020 <https://www.policyforum.net/rohingya-refugees-in-bangladesh/>

Md Mohshin Reza

Assistant Professor

1. A research project entitled 'The Importance of Major Religious Festivals in Establishing Communal Harmony: Perspective Bangladesh' running under the funding of UGC (Bangladesh University Grand Commission). 2020.

Md Shafiul Islam

Assistant Professor

1. 'The Theory of Yin-Yang and Chaos Theory: A Philosophy of Interdependence and Balance', *The Arts Faculty Journal*, vol. 10 (14-15), 2020, University of Dhaka, Bangladesh.

Miss Sadia Afrin

Assistant Professor

1. মুঘল সম্রাট আকবরের ধর্ম দর্শন ও সংশ্লিষ্ট প্রসঙ্গঃ একটি পর্যালোচনা', প্রবন্ধাবলী, উচ্চতর সামাজিক বিজ্ঞান গবেষণা কেন্দ্র, ঢাকা বিশ্ববিদ্যালয়, ঢাকা -১০০০, ২০২১ .
2. মধ্যযুগের ভারতে উদারনৈতিক ধর্মচিন্তার বিকাশে ভক্তিবাদ ও সুফিবাদের ভূমিকা', *Journal of History and Civilization*, Department of Islamic History and Culture, Jagannath University, Dhaka 1100, 2020.
3. 'The Status of Hindu Women from Antiquity to (Early) Modernity : A Downward Graph', *International Journal for Management and Humanities (IJMH)*, 2021, <http://www.ijmh.org/download/volume-5-issue-7>

Miss Shahla Shahreen

Lecturer

Journal Articles

1. 'Violations of Religious Freedom in Bangladesh: A Case Study of 2012 Violence in Ramu and Ukhiya', *Social Science Review (The Dhaka University Studies, Part-D)*, 37(1), 2020.

Education

MA in Peace and Conflict Studies, University of Manchester (degree requirements completed on September 2021, results are expected to be published by December 2021)

Fellowships and Grants

Commonwealth Scholarship in the UK (2020-21) to pursue MA in Peace and Conflict Studies at the University of Manchester, UK, 2020-21.

University Grants Commission, Bangladesh Research Grant of BDT 1,00,000 to conduct a research project on "Religious Philosophy of Rabindranath Tagore: A Critical Analysis of Kabiguru's Selected Essays" as the Project Director, 2019-20. [project submitted on August 2020]

Conferences and Workshops

Oxford Symposium on Religious Studies, Oxford, UK, "Interfaith Dialogue to Counter Radicalization in Bangladesh: An Approach to Move from Extremism to Pluralism", 23-24 March 2021. [virtual conference]

Activities of the Department**1. International Webinar on Inter-religious Dialogue for Peace and Harmony**

In order to celebrate the World Interfaith Harmony Week, announced by the United Nations, the Centre for Interreligious and Intercultural Dialogue (CIID) and the Department of World Religions and Culture (WRC), University of Dhaka jointly organized an International Webinar on Inter-religious Dialogue for Peace and Harmony from February 17th-18th 2021. This two-day long international webinar on inter-religious harmony was

inaugurated by the Honourable Vice-Chancellor of University of Dhaka, Professor Dr. Md. Akhtaruzzaman and keynote addresses were given by Professor Dr. Syed Anwar Hossain, Department of History, University of Dhaka and Dr. Vincent Sekhar, Former Director, Institute of Dialogue with Cultures and Religions (IDCR), Chennai and Associate Professor, Department of Philosophy, Arul Anandar College, Tamil Nadu, India. During the inaugural ceremony, the welcome address was given by Professor Dr. Fazrin Huda, Director, CIID, University of Dhaka and words of appreciation was given by Dr. Fr. Soosai Lawrence S.J. Jeevan Sangham, Bihar, India. Distinguished academicians and researchers of inter-religious harmony presented their research papers on different themes, e.g., Religion and Peace Building: Methods and Theories; Covid-19 Pandemic and Religious Practices; Unlocking the Potentials of Interreligious Dialogue: Challenges of South Asia; Environment and Religion: Prospects and Retrospective, during this two-day long international webinar. The international webinar was concluded with a valedictory speech from Professor Dr. Kazi Nurul Islam, Founder Chairman, Department of World Religions and Culture, University of Dhaka and with vote of thanks from Professor Dr. Fazrin Huda, Director, CIID, University of Dhaka.

2. 2nd Inter-religious Harmony Debate Festival 2021

In order to celebrate the birth centenary of the Father of the Nation Bangabandhu Sheikh Mujibur Rahman, the golden jubilee of Bangladesh's Independence and the centenary celebration of University of Dhaka, once again the Centre for Interreligious and Intercultural Dialogue (CIID), the Department of World Religions and Culture (WRC) and World Religions Debating Club, University of Dhaka jointly organized the 2nd Inter-religious Harmony Debate Festival 2021, on the virtual platform Zoom, from 3rd-7th February 2021. The five-day long debate festival was inaugurated by Professor Dr. Fazrin Huda, Director, CIID, University of Dhaka and Professor Dr. Mahbuba Nasrin, Chief Moderator, Dhaka University Debating Society (DUDS) joined the program as the chief guest. The concluding ceremony of the debate festival was held on 6th March 2021 on the theme of "Bangabandhu and Inter-religious Harmony". The chief guest of the concluding ceremony was Doctor Dipu Moni, MP, Honourable Minister, Ministry of Education, Government of the People's

Republic of Bangladesh. Professor Dr ASM Maksud Kamal, Honourable Pro-Vice Chancellor (Academic), University of Dhaka; Professor Dr. Fazrin Huda, Director, CIID, University of Dhaka and Shafiul Islam, Moderator, World Religions Debating Club, University of Dhaka also gave their addresses at the ceremony as special guests amongst others. The Department of Economics, University of Dhaka was announced as the champion team while the Department of Law, Premier University became runner-up of this debate competition.

3. Inter-religious Harmony Short story Writing Competition 2021

To celebrate the golden jubilee of Bangladesh's Independence and the centenary celebration of University of Dhaka, once again the Centre for Interreligious and Intercultural Dialogue (CIID) and the Department of World Religions and Culture (WRC), University of Dhaka jointly organized the Inter-religious Harmony Short-story Writing Competition 2021 from 26th January-8th February. The honourable judges of this competition were Professor Dr Sakhawat Ansari, Department of Linguistics, University of Dhaka and Professor Niranjana Adhikari, Department of Sanskrit, University of Dhaka. The top three short stories' writers were awarded after a rigorous competition from amongst a good number of submissions.

4. Inter-religious Harmony Art Competition 2021

To celebrate the birth centenary of the Father of the Nation Bangabandhu Sheikh Mujibur Rahman, the Centre for Interreligious and Intercultural Dialogue (CIID) and the Department of World Religions and Culture (WRC), University of Dhaka jointly organized the Inter-religious Harmony Art Competition 2021 from 26th January-8th February. The honourable judges of this competition were Dr Mohammad Jahangir Alam, Associate Professor, Department of World Religions and Culture, University of Dhaka and Md Abdul Momen Milton, Associate Professor, Department of Crafts, University of Dhaka. The top participants were awarded after a rigorous competition from amongst a good number of submissions.

Department of Dance (2014)

Chairperson

Professor Dr. Rezwana Choudhury

Professor

Rezwana Chowdhury, M.A (Music), Visva-Bharati University, Ph.D.

Assistant Professor

(1) Monira Parveen, M. A. (Kathhyak) Rabindra Bharati University; (2) Tamanna Rahman, M.A. (Monipuri) Rabindra Bharati University; (3) Agnes Rachel Perris, M. A. (Bharatnatyam) Rabindra Bharati University.

Lecturer

(1) Dipa Sarkar, M.A (Kathyak) Rabindra Bharati University; (2) Warda Rihab, M.A (Monipuri) Rabindra Bharati University.

Part-Time teacher

(1) Belayet Hossain (Bharatnatyam) Boroda University; (2) Md. Ohiduzzaman, M.A (Music) UDA.

Demonstrator

(1) Dipak Kumer Paul (Principal Demonstrator); (2) Lutfor Murshed Chowdhury Rajib (Demonstrator).

Number of Students

M. A

Year & Semester	Session	No. of Students
2nd Semester	2018-2019	09
1 st Semester	2019-2020	20

B. A (Hons)

Year & Semester	Session	No. of Students
4 th year 8 th Semester	2016-2017	18
3 rd year 6 th Semester	2017-2018	24
2 nd year 4 th Semester	2018-2019	28
1 st year 2 nd Semester	2019-2020	29

Department Activities

Like Previous years, Department of Dance has organized and participated in various programs beside other academic activities. However, due to the current Pandemic situation, our activities were somewhat disrupted, but other activities, including departmental academic activities, continued on the online and virtual platforms.

- ❖ Like every year, this time again Basantotsab-2021 is celebrated on the virtual platform on 14th February 2021 with the joint initiative of Dance Arts Department and EMK Center Dhaka. Teachers and students of the department participated in the program. Although not everyone was able to attend in person due to hypertension, a large number of spectators were connected to the event through online. Honorable Vice-Chancellor of Dhaka University, Prof. Dr. Md. Akhtaruzzaman. Besides, the American ambassador to Bangladesh Mr. Earl R. Miller and other dignitaries enjoyed the event.
- ❖ On the occasion of the golden jubilee of Bangladesh's Independence, the Department of Dance participated in a four-day cultural program organized by the Government of Bangladesh from 16-21 March 2021 at the National Parade Ground. Honorable Prime Minister of the Government of the People's Republic Bangladesh Sheikh Hasina attended and enjoyed the program.

In addition, the students of the Department of Dance regularly participate in various national events of the country, including various events organized by University of Dhaka.

Faculty of Science (1921)

The academic activities of the University of Dhaka commenced on the 1st July 1921 with only three faculties - the faculty of Science, the faculty of Arts and the faculty of Law. The Faculty of Science at the University of Dhaka embarked upon its journey on the 1st of July, 1921 with the Departments, Physics, Mathematics and Chemistry. Later, various disciplines of Physical, Biological, Earth Sciences and Engineering were introduced to the Faculty. Currently, the Faculty of Science is conducting the academic activities of eight departments in total, Physics, Mathematics, Chemistry, Statistics, Theoretical Physics, Biomedical Physics & Technology, Applied Mathematics and Theoretical & Computational Chemistry. The faculty of Science offers four year BS (Honours.), one year MS, M.Phil and Ph.D degree.

Academic activities of these departments are carried out under the leadership of the Dean of the Faculty. He convenes monthly meeting with the Chairmen/Chairpersons of the Departments to discuss departmental academic activities and related matters. Academic matters and various important issues related to academic activities are discussed in these meetings. The Dean convenes the meeting of the Ph.D. Sub-Committee and Science Workshop Committee. Dean also convenes faculty meeting which is usually held once every three months. At present there are 180 teachers in the Faculty including 70 Professors.

The Dean of Science acted as Joint-coordinator of Ka-Unit Admission Committee (admission in 1st year B. S. Program in the departments of the Faculties of Science, Biological Science, Pharmacy, Earth and Environmental Science, Engineering and Technology and in the Institute of Nutrition and Food Science, Institute of Statistical Research and Training, Institute of Information Technology and in the Institute of Leather Engineering and Technology) for the session 2020-2021. The classes of the session 2020-2021 started from January 09, 2021.

The Dean of Science was the Coordinator of Undergraduate Admission Test 2020-2021, 7 Affiliated Colleges with University of Dhaka Science Unit Admission Committee and Dean Faculty of Biological Sciences,

Dean, Faculty of Pharmacy, Dean Faculty of Earth and Environmental Science and Dean Faculty of Engineering and Technology was Joint-coordinator for the session.

Due to the novel corona virus (Covid-19), according to the decision of the government and the university on March 18, 2020. The academic activities of the university were stopped. However, as per the instructions of the university authorities, the online curriculum in the departments of the Faculty of Science started from the first week of July 2020 and is currently running. Online curricula are regularly monitored by departmental chairmen under the supervision of the Dean of the Faculty of Science.

The activities of the Science Workshop are accomplished under the guidance of the Dean of Science. The Engineers and Technicians appointed in its electrical, mechanical, electronics, optical, refrigeration, air-conditioning, and carpentry branches have been performing their respective duties with devotion and efficiency.

The Dhaka University Journal of Science is the research Journal of the Faculty which is double-blind peer reviewed and published biannually as January and July issue.

Dr. Tofail Ahmed Chowdhury, Professor, Department of Chemistry, took the responsibility on 30th April 2019 to 29th June 2021. The present Dean (Acting) Dr. Md. Abdus Samad, Professor of Applied Mathematics took the responsibility on 30th June 2021.

Department of Physics (1921)

Chairman

Professor Dr. A B M Obaidul Islam

Professor

(1) Md. Abdus Satter, MSc, PhD (Warwick); (2) ABM Obaidul Islam, MSc, PhD (Toyama); (3) Supriya Saha, MSc, PhD (Bristol); (4) Md. Kamrul Hassan, MSc, DCMP (Trieste), PhD (Brunel); (5) Sabina Hussain,

MSc, PhD (Trieste); (6) Khandker Saadat Hossain, MSc, PhD (Kyushu); (7) Ishtiaque M Syed, MSc, MS (CWRU), PhD (CWRU); (8) Md. Wahadoszamen, MSc, PhD (Hokkaido); (9) Naureen Ahsan, MSc, PhD (FSU); (10) Mohammad Mizanur Rahman, MSc, PhD (Toyama); (11) Mohammad Mizanur Rahman, MSc, PhD (Toyama); (12) Md. Dalilur Rahaman, MSc, PhD (Hokkaido).

Associate Professor

(1) Golam Dastagir Al-Quaderi, MSc, MSc (UBC); (2) Ratan Chandra Gosh, MS, PhD (Hiroshima); (3) Md. Naimul Islam, MSc, PhD (Warwick); (4) Mohammad Shahjahan, MSc, PhD (Osaka); (5) Kazi Haniem Maria, MS, PhD (Shizuoka); (6) Alamgir Kabir, MS, MS (UCF), PhD (UCF); (7) Mahabub Alam Bhuiyan, MS, PhD (University of Nottingham, UK); (8) Zulfiqar Hasan Khan, MS, PhD (UTS, Australia).

Assistant Professor

(1) Talal Ahmed Chowdhury, D.H.E.P. (ICTP), PhD (SISSA); (2) Enayet Hossain, MS; (3) Md. Kamruzzaman, MS) [on leave]; (4) Kaiser Ahmed Rocky, MS, PhD (Japan); (5) Sayed Hasan, MS, PhD (Florida); (6) Rakibur Rahman, D.H.E.P. (ICTP), PhD (New York) [on leave]; (7) Syed Hasibul Hassan Chowdhury, MS, PhD (Concordia, Canada) [leave]; (8) Md. Sazzad Hossain, MS; (9) Armin Anwar, MS; (10) Iffat Nur Esha, MS; (11) Ashik Imran, MS.

Lecturer

(1) Md. Tareq Mahmud, MS [on leave] (2); Amitabh Biswas, MS [on leave]; (3) Liana Islam, MS [on leave]; (4) Tanisha Mehreen, MS [on leave]; (5) Faria Ferdous, MS; (6) Md. Jafrul Islam, MS; (7) Pulak Das Gupta, MS; (8) Md. Borak Ur Rahman Rano, MS; (9) Nandita Deb, MS.

Part-Time Teacher

(1) Shafiqul Islam Bhuiyan, MS, PhD (DU); (2) Fatema Nasreen, MS, PhD (Cologne, Germany).

Number of Students

Year & Class	Session	Number
1st Year B.S. (Hons)	2019-2020	140+43 = 183
2nd Year B. S. (Hons)	2019-2020	108+54 = 162
3rd Year B. S. (Hons)	2019-2020	90+51 = 141
4th Year B. S. (Hons)	2019-2020	100+32 = 132
M. S.	2018-2019	50
M. Phil		11
Ph. D		13
Minor		
1st Year B.S. (Hons)		280
2nd Year B. S. (Hons)		290
Total		= 1262

Examination Result

Year	Session	No of Examinee	Passed	Percent	Date of publication of results	
2nd Year B. S. (Hons)	Regular	2018 - 2019	144	90	62.50%	02.09.2020
	Supplementary	2018 - 2019		01		24.03.2021
3rd Year B. S. (Hons)	Regular	2018 - 2019	151	100	66.23%	29.03.2021
4th Year	Regular	2018	82	50	60.98%	17.06.2021

B. S. (Hons)		- 2019				
	Supplementary	2018 - 2019		01		23.06.2021
M. S.	Thesis	2017 - 2018	36	29	80.56%	26.07.2020
	Non-Thesis Supplementary	2017 - 2018		01		05.01.2021

Research Activities

1. Prof. Dr. Md. Abdus Satter is doing research on the theoretical study of magnetic impurities in metals. He is also studying the magnetic anisotropy and spin glass property of dilute magnetic alloy. Prof. Satter is also interested in relativistic band structure calculation of heavy material like gold using relativistic density functional formalism.
2. Prof. Dr. ABM Obaidul Islam is supervising several students on the identification of trap centers of semiconducting materials with controllable different doping by analyzing DLTS spectra and characterizing TSC and TSCAP. He is also working on the characterization of the semiconducting properties of crystalline organic molecules and conducting polymers. An experimental set up is now under preparation. Work is progressing on photoelectric and magnetic process. He is also continuing his research work on the characterization of thin film of binary and ternary semiconducting compounds using electrode position technique for solar cell application. Presently Dr. Islam is working on the following topics:

- a) Investigation of electrical and optical properties of chemically deposited thin films of binary and ternary semiconducting compounds for solar cell applications.
 - b) Investigation of optoelectrical properties of several organic semiconducting compounds.
 - c) Characterization of structural and electrical properties of Copolymer (Poly-vinyl chloride/vinyl acetate).
3. Prof. Dr. Supriya Saha is working on theoretical solid state physics. She is progressing well in her research work on the determination of electron state, spectral density, Fermi energy and total energy of pure and compound metals using linear Muffintin orbital method and recursion technique. Electronic structure of copper, manganese, gold, iron, silver, cobalt, nickel, etc. metals and their compounds have been determined.
 4. Dr. Aminul Islam Talukder, Dr. Md. Wahadoszamen, and Dr. Zulfiqar Hasan Khan are involved in Laser based research. The primary focus of their research is, by exploiting the high purity of laser beam and ultra-high pulse power, to study the molecular interactions, chemical composition, elemental concentration, chemical structure, phase and polymorphy, crystallinity of elements presents in different specimen (be it biological or chemical or polymorph), to fabricates nano-composites and -clusters from different noble materials (such as gold, silver, and aluminum etc.) and their alloys, and investigate their structure, morphology and dynamics. For doing so, they are using two custom-built state-of-art laser based experimental techniques; Laser Induced Breakdown Spectroscopy (LIBS) and Laser Raman Spectroscopy. The great addition to their custom-built LIBS experimental set-up is to use a gated and intensified CCD (ICCD) camera as the optical detector, which render them to detect a trace element down to ppm (parts per million) level and thus making their

LIBS setup as a good choice for pollution monitoring and geological exploration in Bangladesh. Recently, they could successfully construct a reliable and optimized Laser Raman system using the same ICCD optical detector and develop a persistently reproducible Surface Enhanced Raman Spectroscopy (SERS) protocols. Certainly, the newly constructed SERS system would mark as a new dimension in the experimental research in Bangladesh, which would open up multitude of possibilities to carry state-of-art research and involve with the research collaboration with the groups of different disciplines (especially the biological ones) in the country.

Apart from their own research in the University of Dhaka, over last couple of years, Dr. Aminul Islam Talukder and Dr. Md. Wahadoszamen have been actively involved in research collaboration with a number of leading research groups of Asia, Europe, Africa and USA.

5. Prof. Dr. Md. Kamrul Hassan: The main research areas of Dr. Hassan are statistical phenomena which are far from equilibrium. One of the biggest hurdles in handling problems in such phenomena is that there hardly exists any systematic standard theoretical framework for describing them and this is in sharp contrast to its equilibrium counterpart. However, it has been found that the stochastic processes and the rate equation approach in the form of master equation are found to be increasingly useful in capturing a wide class of non-equilibrium phenomena and the research work of Dr. Hassan's work fall into this category. To this end, Dr. Hassan recently proposed a model on condensation-driven aggregation and found the emergence of fractal analytically for the first time in aggregation process which has been published in the Physical Review E (Published by APS, USA). More recently, Dr. Hassan proposed another model that genetates a stochastic lattice which has scale-free coordination number

disorder and multifractal size disorder (published in one of leading peer review journals, the New Journal of Physics published by IOP, UK).

However, recently Dr. Hassan has been working extensively on complex network theory and the theory of percolation. To this he found some extremely exciting results in both the areas of research. Dr. Hassan and his group proposed a new mechanism for scale-free network. In percolation, it has been known for the 50 years that the numerical values of the various critical exponents depend on the dimension of the lattice and independent of the detailed structure of the lattice. Besides, the values of the critical exponents do not depend on the type of percolation. However, recently they have shown exception. They performed percolation on a very unique lattice which Dr. Hasan proposed in 2009. The lattice is unique because it is a random lattice as its coordination number distribution follows a power-law and the size distribution of its cells can be best described as multi-multifractal.

6. Prof. Dr. Khandker Saadat Hossain has expertise in the structure and dynamics of biopolymers in solutions and gels using scattering techniques and rheology. He is also interested in the nanoscale characterization of polymers, biopolymers and other materials using Scanning Probe Microscopy.
7. Prof. Ishtiaque M. Syed's primary field of research is soft Condensed Matter Physics, especially the investigation of different physical properties of liquid crystals, both experimentally and with the help of simulation. Currently he is working on the simulation of the director profile of the liquid crystal molecules. Along with Prof. Dr. Golam Md. Bhuiyan of the Theoretical Physics Department, Dhaka

University he is working on the study of different thermodynamical and transport properties of transition metals and their alloys.

He has also started a project on the construction of Dye Synthesized Solar Cells (DSSC) and improving their efficiency. He is also working in the field of Econophysics especially on the distribution of price returns of the stock price of different stock markets.

8. Professor Dr. Naureen Ahsan is working in experimental health and radiation physics. She supervised an MS thesis student during the previous year, and the student received his degree with a thesis dissertation titled "Effective dose received by occupational workers handling radioisotopes (I-131 and Tc-99m) in INMAS, Dhaka, as determined from bioassay samples (urine)". Currently, Professor Naureen Ahsan is supervising a PhD student, who determined the Tritium levels in urine from members of general public from unreconstructed Rooppur Nuclear Power Plant (RNPP) site, prior to the operation of RNPP, which will serve as a reference when these levels will be estimated again during the operation in the future. In this research work, a total of 56 urine-samples were collected from 33 men and 23 women, all living or working within a radius of 32 km from the plant-site. Distillation method was used for sample preparation, and 23 samples were ready for counting using liquid scintillation counter.
9. Dr. Mohammad Mizanur Rahman has been working on the development of metallic nanostructures, cost-effective and ecofriendly synthesis of nanoparticles for applications in plasmonics and Surface Enhanced Raman Spectroscopy (SERS). He is developing a system to fabricate large area nanostructures for SERS and solar cell usages. He is also interested in solar cell efficiency improvement by plasmonic effects. Besides, he has been doing numerical calculations of electronic structures and spintronic properties of dilute magnetic insulator and half metallic property in transition metal doped oxide

type dilute magnetic insulator by DFT method. Growth and characterization of various single crystals using slow evaporation method and their characterization is also an important part of his research activities.

He has research experience on semiconductor materials deposition, its characterization, crystallography, AFM, scanning tunneling microscopy (STM), ultra high vacuum (UHV), FIB, EB lithography, TEM imaging, SAM, XPS, XRD and all other necessary techniques for materials characterizations.

10. The primary interest of Dr. Md. Dalilur Rahaman is in the field of Organic Photovoltaic devices (Organic Solar cells), Organic Light Emitting Diodes (OLED). Dr. Rahaman has been doing research along with the collaboration of Professor Dr. A.K.M. Akter Hossain, Department of Physics, Bangladesh University of Engineering and Technology (BUET) in the field of soft magnetic materials (Ferrite), multiferroic materials (Perovskite materials), rice husk ash/spinel ferrite composite, low-loss magneto-dielectric materials with matching permeability and permittivity for miniaturization and efficiency improvement of antennas and multiferroic magnetoelectric composite materials (Ferroelectric-ferromagnetic composites) with a goal of fabricating multiferroic magnetoelectric devices. Presently, Dr. Rahaman is supervising a Ph.D. student in the field of multiferroic magnetoelectric composite materials based on the iron deficient ferromagnetic materials and novel piezoelectric materials for improving the magnetoelectric properties.

11. Mr. Golam Dastagir Al-Quaderi, together with Prof. Dr. Arshad Momen of the Theoretical Physics Department, Dhaka University and Dr. Tanvir Noor Baig of Case Western Reserve University, Cleveland, Ohio, United States, is working on the improvement of gradient coil-

design in the Magnetic Resonance Imaging (MRI) machine. Two of their articles on this topic have been published in journals. He is also working on ferrite magnetic materials, Focused Impedance Method (FIM) and metamaterials.

12. Ratan Chandra Gosh is Professor of Physics at the University of Dhaka. He received his B.S. (honours) in 2000 (holding year 2003) and M.S. in 2001 (holding year 2005) from the same department. After completion of his M.S. degree, he was awarded Japanese Government scholarship (Monbukagakusho:MEXT) for Ph.D. in 2006. He completed his Ph.D. in Soft Condensed Matter Physics in 2010 from Hiroshima University, Japan.

Dr. Gosh is doing research in the field of Condensed Matter Physics and Materials Science, more specifically; he is investigating the effect of interaction between ions, atoms and molecules on the atomic and electron transport properties of various metals in the liquid state, polymers and surfactants in aqueous solution, etc. both theoretically and experimentally. Recently, he has started collaborative research with Prof. Dr. Mohammad Abu Sayem Karal of Bio-Physics Research Laboratory, Bangladesh University of Engineering and Technology (BUET). For continuing his research, currently, he has two research grants, one from the University authority and the other from the Ministry of Science and Technology. Recently, he has been awarded the prestigious 'Rouson Innas Ali Best Research Award' in the category of Physics, Theoretical Physics, and EEE of Dhaka University. He has published 17 research articles in peer-reviewed journals, and he is working on a few more.

13. Dr. Mohammad Shahjahan uses three first-principles electronic structure calculation methods, namely KKR-Green's function, FLAPW (full-potential linear augmented plane wave) and PAW (Projector

Augmented Wave) and study dilute magnetic states (DMS), band structures, magnetic properties, enthalpy of formations, and hyperfine fields based on transition metal doped in wide gap chalcopyrite semiconductors. Hydrogen storage energy is calculated with various bulk, surface, and nanoparticle models using the PAW scheme implemented in VASP package. Density functional theory (DFT) is the basic platform of calculations to design real spintronics materials exploited in commercial applications. Previously, he worked on some model pseudopotential calculations of thermal conductivity of metallic glasses at low temperatures. Subsequently, he had calculated surface, static and transport properties of some liquid metals.

Liquid state properties of some liquid 3d transition metals, namely a study of structural, thermodynamic, atomic & thermal transport and surface properties of liquid and amorphous metals and their binary alloys. So far, he used the well-established pseudopotential theories, thermodynamic perturbation method (WCA, LWCA etc.). In the study of thermal transport properties, the two-level tunneling model is used. Later, he calculated the atomic transport properties namely the shear viscosity and diffusion coefficient of liquid binary alloys, where he used the statistical theoretical method as proposed by Rice and Allnatt [J. Chem. Phys. 34 (1961) 2144]. To develop an efficient electronic transport theory which describes the electrical resistivity from the view point of different mechanisms (Normal and Umklapp type) involved in the scattering process is a remaining issue.

14. Kazi Haniem Maria is interested in the research and development of various functional materials which include ceramic magnetic materials, glassy (amorphous) magnetic materials, nanostructured/nanocomposite materials, nanoparticle synthesis and characterization, development of metallic alloys/ intermetallic and their heat treatment and beneficiation of various minerals. She is also working on the CNT

production method to get efficient production, functionalize the nanotube structure to disperse it in water, application of nanotube as nanocomposite. Currently she started to exfoliate metal dichalcogenides to prepare 2D materials for gas/humidity sensing application.

15. Dr. Alamgir Kabir use computer simulation to find the new materials for technological and biomedical applications. His main research interest is to study the electronic, optical, mechanical, and magnetic properties of nanoparticles, surfaces, interfaces, and thin film systems. His group use ab initio Density Functional Theory (DFT) and Molecular Dynamics (MD) as tools for their study. His other research interest is to study the dynamics of meteorological phenomenon such as cyclone, rain, thunderstorm, hailstorm, and lightning. They use weather research and forecasting (WRF) model to simulate and predict the possible time and locations of such sever weather phenomenon.
16. Dr. Mahabub Alam Bhuiyan is working on Condensed Matter Physics. In particular, he is doing some original high quality research work on novel two-dimensional (2D) materials such as graphene, InSe, SnSe, SnS, *etc.* to advance the general understanding of the properties of those novel 2D materials. Few of his previous research findings have significant impact in Physics from the fundamental and applied point of view and have been published in very high-impact, peer-reviewed journals.

Dr. Mahabub Alam Bhuiyan's research also focuses on nanostructured materials. He is working on the synthesis of graphene oxide and semiconducting nanomaterials in a very cost-effective way and their potential applications in industrial sector. He has experience in different types of exfoliation technique to prepare single and/or few layer 2D materials and then fabrication of different heterostructure

devices. Furthermore, he has few other research experiences on electron beam lithography, focused ion beam lithography (FIB), magnetic force microscopy (MFM), *etc.*

17. The primary research interest of Dr. Talal Ahmed Chowdhury is High Energy Physics. He works on the Physics of Beyond the Standard Model (BSM), Dark Matter Model Building, its Direct and Indirect Detection aspects, Neutrino Physics, Physics of Axion and Axion like Particles, Thermal Field Theory, Baryogenesis and Leptogenesis, Extended Higgs Sectors, Flavor Physics, Effective Field Theory and Applications of Modern Scattering Amplitude techniques to BSM physics.

Dr. Talal Ahmed Chowdhury also has research focus on the interface between High Energy Physics and Astrophysics which is known as Astroparticle Physics. He works on Very High Energy Gamma-ray Astrophysics, Atmospheric Imaging Cherenkov Telescope, High Energy Neutrino Astrophysics, Astrophysical and Cosmological sources of Gravitational Waves and their detections, Physics of Exotic Compact Stars and Multimessenger Astrophysics.

Apart from that, Dr. Talal Ahmed Chowdhury has research interests in Early Universe Cosmology: Inflation, Cosmological Phase Transitions, Non-standard Cosmology with Early Matter Dominance, Dark Matter Production Mechanism and Dark Energy.

18. Dr. Md. Kamruzzaman is working on electronic devices utilizing spin information, so-called spintronics. In particular, he focuses on energy conversion from the heat and management of the heat flow using spin-dependent phenomena. This is known as spin caloritronics, which is the branch field of spintronics and could provide new opportunities to expand the functionality over conventional electron-based

thermoelectric effects. Few of his previous research findings have a significant impact on Physics from the fundamental and applied point of view and his works are presented in academically high-quality international Journals.

19. Dr. Kaiser Ahmed Rocky's research interest includes applied thermal science, applied energy, adsorption, porous materials and composites. Basically, he is trying to develop an efficient green cooling and heating system employing low-grade waste heat and solar energy. Currently, he is working on the synthesis and characterization of highly microporous materials as well as composites for adsorption heat pump (AHP) application. He is also performing thermodynamic and performance analysis of several adsorbent/adsorbate pairs for AHP application.
20. The primary interest of Dr. Sayed Hasan is in the field of theoretical soft condensed matter. He is doing research on polymer statistics (application of renormalization group methods of statistical field theory to self avoiding random walk problems), dynamics of viscoelastic materials (modification of Navier-Stokes equation and consideration of suitable boundary conditions for complex fluids), effects of residual hydrodynamic interaction in polymer melts. Another topic of research is the dynamics of soft matter in confined geometry (transitional and transport effects).
21. Dr. Rakibur Rahman works in Theoretical High Energy Physics. His research interests include Higher Spin Theory, String Theory, Holography, General Relativity and Particle Physics Phenomenology. Among other things, he tries to understand the behavior of massless and massive higher spin fields—an indispensable part of any viable theory of quantum gravity. Writing down consistent interactions or even propagation on nontrivial backgrounds for such fields is a challenging task, which Dr. Rahman spends most of his time on.

22. Dr Chowdhury's research goal has lately revolved around finding a mathematically consistent gauge invariant framework of 2 dimensional noncommutative quantum mechanics. Together with Dr Talal Ahmed Chowdhury and a student, he managed to obtain gauge invariant energy spectra for a class of polynomial potentials in 2D noncommutative plane under the influence of constant magnetic field. As examples of physical applications, they considered the cases of anisotropic harmonic potential and Hall potential. There had been quite a few published work (in Journal of mathematical Physics, Journal of Physics A, Annals of Physics, European Physical Journal C, Physics Letters A etc.) where minimal prescription is naively applied to study anisotropic harmonic oscillator and quantum Hall effect in noncommutative spaces. Dr Chowdhury et al. have been able to prove that under such naive minimal prescription, gauge invariance of the spectra of the underlying Hamiltonian gets compromised and from physics point of view such frameworks are ill-defined. A preprint version of their work dealing with noncommutative anisotropic harmonic oscillator with background magnetic field is available on arXiv (arXiv:2003.12662). They extended their work to incorporate the example of noncommutative quantum Hall effect in the old work and plan to submit it to the journal in no time. Dr Chowdhury is on extraordinary leave for 1 year to work in the Department of Mathematics and Natural Sciences effective of Brac University from March 28, 2020. He is engaged in teaching advanced mathematics courses (Differential Geometry, Applied Category Theory, Algebraic Topology etc.) there. In addition to the above mentioned activities, he has been actively engaged in reviewing papers in Journal of Physics A: Mathematical and Theoretical (J. Phys. A: Math. Theor.), European Physical Journal Plus (EPJ Plus) and in Classical and Quantum gravity (CQG).

23. The research interest of Md. Sazzad Hossain is in technologically important magnetic materials at the nanoscale. Mr. Hossain has been doing research in nanotechnology, collaborating with the Materials Science Division, Bangladesh Atomic Energy Commission. His current research activities are:

- (i) Effect of γ -radiation on the structural, magnetic, and optical properties of nanoferrites.
- (ii) Synthesis and characterization of magnetic nanoparticles and study of their toxicity and biocompatibility for pharmaceutical and biomedical applications.
- (iii) Investigation of promising materials for magnetocaloric effect at room temperature for eco-friendly magnetic refrigeration.
- (iv) Pressure-induced phase transition of perovskite materials by Density Functional Theory (DFT).

His recent research works include enhancing the electrical and magnetic properties of Mn-Ni-Zn ferrites by doping rare earth materials and analyzing the magnetic properties of Cu-Mn ferrites by neutron diffraction technique. Previously, his research works exemplified applications of nanoferrite in magnetic resonance imaging (MRI) contrast agent and cancer hyperthermia. The investigation showed a non-toxic material with outstanding enhancement as an MRI contrast agent.

24. Armin Anwar is currently doing her research with a Bose Fellow and a M.S. student along with Prof. Kazi Haniun Maria of Physics Department on synthesis and characterization of the structural, electrical, magnetic and optical properties of BaTiO_3 - CoFe_2O_4 multiferroic composites with varying temperatures in collaboration with the Material Science Division of Atomic Energy Center, Dhaka. Besides, she has recently completed her research work with a Bose fellow on synthesis of $\text{Ni}_{0.6}\text{Zn}_{0.6-x}\text{Co}_x\text{Fe}_2\text{O}_4$ ($0 \leq x \leq 0.2$) as well as studying their structural and electromagnetic Properties. She is

- also working in collaboration with a research group of Khulna University of Engineering and Technology (KUET) in the field of materials science and has recently published a paper in the Dhaka University Journal of Science based on the influence of Y^{3+} substitution on structural and magnetic Properties of Ni-Zn ferrites.
25. Iffat Nur Esha is involved in the branch of Condensed Material Physics specifically on Bulk and Nanomaterials. Her main interest is on Multiferroic materials for multitask using. She is also working to synthesis high efficiency ferrites and ceramics. She is recently involving herself in the branch of thin film. Besides, her research project entitled as “Investigation of Multiferroic Properties of Ni-Zn Based Ferrite and Ba-Ti Based Ceramic Composites via Standard Solid State Reaction Method” is being continued by a Bose fellow. The main theme of this project is to enhance Magnetolectric effect. Her research articles have been published in esteemed journals named as Journal of Superconductivity and Novel Magnetism and Journal of Ceramic Processing Research.
 26. Ashik Imran’s research involves atmospheric physics, in particular, numerical weather modeling. He is also working on computational physics.
 27. Faria Ferdous is working on experimental Condensed Matter Physics. Her current research interest is in investigation of magnetoelectric properties of multiferroic composites, piezoelectric properties of dielectric and ferroelectric materials, permeability study of different spinel ferrites etc.
 28. My research interest is in the area of theory and applications of non-linear optics and condensed matter physics. Actually, the field of non-linear optics has become important for developing photonics technology. To enhance ultra-fast signal processing in modern communication systems, non-linear optics plays an important role.

29. I am primarily interested in studying Topological Matter. I want to utilize my knowledge and strategic skills in simulation projects. Topological states of matter have emerged as one of the most active areas of research, however it is not widely studied in our country. My research interest is to investigate the bulk properties of topological systems so that their full capacity for possible applications can be unlocked.
30. The activation of magnetic nanoparticles (MNPs) by an alternating magnetic field (AMF) is one of the popular techniques for target-specific therapeutic heating of cancer cells. My primary research goals are directed toward synthesizing magnetic nanoparticles and then coating it with biocompatible material to make the prepared nanoparticles target specific for malignant cells through a promising approach called magnetic hyperthermia. In my thesis work, iron oxide ($\alpha\text{-Fe}_2\text{O}_3$) nanoparticles were synthesized through the hydrothermal method and then coated with chitosan for biomedical application. Despite the advantages of hyperthermia as a cancer therapy, much research is still needed to overcome the technical problems associated with this therapy. My future research plans are aimed towards the formulation of new concepts on developing nanoparticles for biomedical applications which will benefit the community, academia, and students. I am also interested in medical imaging such as magnetic resonance imaging, x-ray imaging, biomedical ultrasound, material science, thin films, solar cells, and renewable energy. My ultimate aim is to come out with a better understanding of the behavior of magnetic nanoparticles as well as how to develop a better model for cancer treatment which can enable me to act as a hard-working member of a profession to which I truly aspire.

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35. **Kaiser Ahmed Rocky**, Animesh Pal, Tahmid Hasan Rupam, Nasruddin and Bidyut Baran Saha, “Zeolite-graphene composite adsorbents for next generation adsorption heat pumps”, *Microporous and Mesoporous Materials* **313**, 110839 (2021).
36. Hisham Maher, **Kaiser Ahmed Rocky**, Ramadan Bassiouny and Bidyut Baran Saha, “Synthesis and thermal characterization of paraffin-based nanocomposites for thermal energy storage applications”, *Thermal Science and Engineering Progress* **22**, 100797 (2021).
37. Sharmin Akhter, Probal Roy, **Armin Anwar**, M.A. Hossain, M. N. I. Khan and S.S. Sikder, “Effect of Y³⁺ Substitution on Structural and Magnetic Properties of Ni_{0.25}Zn_{0.75}Y_xFe_{2-x}O₄”, *Dhaka Univ. J. Sci.* **68**, 111-116 (2020).

Invited talk/Participation in International Conference/Meeting/ Workshop/Symposium

1. **Kazi Haniun Maria**, “Formation of Metal Chalcogenide Thin Films by Chemical Bath Deposition and An Effective Liquid Phase Exfoliation Approach to Prepare Transition Metal Dichalcogenides 2D Nanoflakes for Gas Sensing Applications”, *International Conference on Advances in Nano Optoelectronics and its Applications*, Arunachal Pradesh, India, October, 12-14, 2020.
2. **Kazi Haniun Maria**, “A brief of Ongoing Material Science Research in Nano and Advanced Material Laboratory”, *International Webinar on Material Science Research and the Recent Trends*, Kolkata, India, July 28, 2020.
3. **Kazi Haniun Maria**, “Room-temperature NO gas Sensing by 2D SnS₂ Synthesized by Liquid Exfoliation”, *International Webinar on Recent Trends in VLSI Design and Fabrication Technology*, Andhra Pradesh, India, July 18-20, 2020.
4. Ayesha Akter, M. N. I Khan and **Armin Anwar**, “Effect of Mn²⁺ substitution on structural, morphological, and electrical properties of Ba_{0.4}Ca_{0.4}Sr_{0.2}Mn_xTi_{1-x}O₃ perovskites”, *6th international Conference of Bangladesh Crystallographic Association (BCA)*, Bangladesh, January 15-16, 2021.

Department of Mathematics (1921)**Chairman**

Selina Parvin, Ph.D. (Manchester)

Professor

(1) Amal Krishna Halder, Ph.D. (Moscow); (2) Khandokar Mezbauddin Ahmed, Ph.D. (Athens, Greece); (3) Md. Shahidul Islam, Ph.D. (Georg-August, Germany); (4) Shapla Shirin, M.Phil. (La-Trobe University,

Australia); (5) Mohammad Babul Hasan, Ph.D. (Canterbury, New Zealand); (6) Salma Nasrin, Ph.D. (Japan); (7) Samir Kumar Bhowmik, Ph.D. (UK); (8) Chandra Nath Podder, Ph. D. (Canada); (9) Md. Sharif Ullah Mazumdar, Ph.D. (UK); (10) Mohammad Reazuddin Molla, Ph.D.

Associate Professor

(1) Md. Kutubuddin, M. Sc. (Dhaka), M. Phil. (BUET); (2) S. M. Sohel Rana, M.S.(Dhaka), M.S. (France); (3) Md. Motaleb Hossain, Ph.D. (Japan); (4) Nepal Chandra Roy, Ph. D. (Japan); (5) Md. Kamrujjaman, M. S., Ph.D. (Canada) ; (6) Goutam Saha, Ph.D. (UK); (7) Sohana Jahan, Ph. D. (UK).

Assistant Professor

(1) Mr. Touhid Hossain, M. S.; (2) Mr. Md. Rajib Arefin, M. S., M. S. (UK) [on study leave]; (3) Mr. Md. Asadujjaman, M. S.; (4) Ashrafi Meher Nigar, M. Sc., M. S. (Canada); (5) Mr. Haridas Kumar Das, M.S., M. Sc. (Canada) [on study leave]; (6) Mr. Md. Mamun-ur-Rashid Khan, M. S.; (7) Mr. Md. Hasib Uddin Molla, M.S. [on study leave]; (8) Doli Rani Pal, M. S. [on study leave]; (9) Farhana Ahmed Simi, M. S.; (10) Md. Shariful Islam, Ph.D. (USA).

Lecturer

(1) Saiful Islam, M. S.; (2) Amit Kumar Saha, M. S.; (3) Md. Jasim Uddin, M. S.

Supernumerary Teacher

Professor Sajeda Banu, M.Phil. (London).

Honorary Teacher

Professor Dr. Md. Ainul Islam, Ph.D. (Roorkee).

Student Advisor

(1) Professor Dr. Salma Nasrin; (2) Professor Dr. Mohammad Babul Hasan; (3) Md. Saiful Islam.

Departmental Officer

(1) Mr. Ahmed Ullah; (2) Mr. Sheikh Moniruzzaman Liton; (3) Mr. Md. Helal Uddin; (4) Mr. Md. Samsul Haque; (5) Mr. Md. Jaker Hossain; (6) Mr. Md. Azizur Rahaman.

Activities

The Department of Mathematics started its activity from the beginning of the university in 1921 with five teachers under the leadership of Prof. Bhupoti Mohon Sen and Dr. Nalini Mohon Bosu, two renowned Mathematicians of the subcontinent. Initially it was in the Secretariat House of the East Bengal Government. It was in the first floor of the west wing of Curzon Hall for a short period. In 1965, it was shifted in the second floor of Science Annex Building, now known as Kazi Motahar Hossain Bhaban. Finally, on 6th December 2014, the A. F. Mujibur Rahman Ganit Bhaban was inaugurated and this department has been shifted in this new building and started its activities. In Kazi Motahar Hossain Bhaban, several class rooms and several office rooms for teachers continue to be used by the Department of Mathematics. In the session 1996-97, 4 years integrated Honours Course was introduced. The teachers, students and employees of the department played active role in the Liberation war of Bangladesh. On the wall of the departmental office room, there is a white stone bearing the names of the martyrs of the department. The conference hall is named as Shahid Sharafat Ali Conference Room and the seminar Library is named as Shahid Azim Pathagar in memory of the martyr teacher Mr. Sharafat Ali and the martyr student Mr. Azim respectively. From the very beginning there are two streams namely Pure Mathematics and Applied Mathematics in the Master's program. From the session 1974-75, M.Sc., Thesis Group in Pure and Applied Mathematics, M. Phil. programs are regularly running in the department. Under the initiative of the Department a new department "Applied Mathematics" has started functioning since 2015. Besides these, students of almost all the departments of science Faculty study Mathematics as their minor. In 1948, the first Ph. D. degree was awarded from the department.

Number of students at present

Year	Session	Number of Students
1 st Year Honours	2020-2021	128
2 nd Year Honours	2020-2021	190
3 rd Year Honours	2020-2021	160
4 th Year Honours	2020-2021	122
M. S.	2019-2020	115
M. Phil	---	--
Ph. D.	---	03

Number of Minor Students

Year	Session	Number of Students
1 st Year Honours Minor	2020-2021	225
2 nd Year Honours Minor	2020-2021	296

Results of the Examinations**B. S. Honours : Grading System**

Session	Number of Examinees	Total Passed	Percentage
B. S. Honours 2020	126	Results has not been published	

M. S. Final Year

Sessions	Number of Examinees	Total Passed	Percentage
Group-A (Non -Thesis 2019)	75	Results has not been published	
Group-B (Thesis 2019)	19	Results has not been published	

Current Math Lab and Project Activities

The department is running a 4 year Honor's Degree and the syllabus includes 12 credits Math Lab practical courses in the different years. In the 4th year 3 credit compulsory Project Work has also been included in the syllabus. There are three well-furnished and well-organized computer labs in the department.

Extracurricular activities

To maintain a good educational relationship among the teachers and students and to guide the students about academic and non-academic activities, there are three student advisers in this department.

Scholarship and Stipends

The students this department are enjoying the following Scholarships:

1. A. F. Mujibur Rahaman Foundation Scholarship
2. Rahmat Ara Hossain Scholarship
3. Dr. S. A. Salam Memorial Scholarship
4. A. K. Bazlul Karim Trust Fund Scholarship
5. Zabeda Zafir Trust Fund Scholarship
6. Begum Hasina Shiddiki Trust Fund Scholarship
7. Mitra Youshuf Trust Fund Scholarship
8. Exim Bank Foundation Scholarship
9. Prime Bank Scholarship
10. Al Haj Yakub Ali Khan Trust Fund Scholarship

Department Library

There is a rich Seminar library named as Shahid Azim Phatarfar with air condition and Wi-Fi facilities in the 7th floor of the A. F. Mujibur Rahaman Ganit Bhaban. The department receives some books from the Dhaka University central library every year. The department itself purchases books from its own funds every year too. The Library remains accessible from 9 a.m. to 5 p.m. for the students on every working day.

Canteen Facility

There is a well-furnished and well-organized canteen in the ground floor of A. F. Mujibur Rahman Ganit Bhaban. Students, teachers and staffs from different departments enjoy the hygienic and quality breakfast and lunch there.

Research and Publications: (ACADEMIC YEAR 2020-2021)

1. Hena Rani Biswas and Md Shahidul Islam, Stronger Chaotic Features of the Complemented Shift Map on m-Symbol Space, *Int. J. Stat. Appl. Math.* 6(5), 34 - 41 2021.
2. Md Shahidul Islam, Irfan Chaudhuri, Mahadee Al Mobin, Mobashara Islam, Md. Shahriar Mahmud, Md. Kutub Uddin, K. M. Ariful Kabir and Md. Kamrujjaman, The Perspective of Acquired Immunity to Combat against Infectious Diseases: An Overview, *Health*, 13, 1020 – 1044, 2021. DOI: [10.4236/health.2021.139077](https://doi.org/10.4236/health.2021.139077)
3. Hena Rani Biswas and Md Shahidul Islam, Topological Conjugacy and Symbolic Dynamics of the One Dimensional Map, *European Journal of Applied Sciences (EJAS)*, 9(5), 44 – 55, 2021. DOI:10.14738/aivp.95.10762.
4. Md Shahidul Islam, K. M. Ariful Kabir, Jannatun Irana Ira, Mahadee Al Mobin, Md. Haider Ali Biswas and Praveen Kumar Gupta, Isolation Effect on Age-Stratified Compartmental Model of the COVID-19, *Commun. Nonlinear Anal. (in press)* Vol.8 Issue 1, 2020.
5. Md Shahidul Islam, Jannatun Irana Ira, K. M. Ariful Kabir and Md Kamrujjaman, Effect of lockdown and isolation to suppress the COVID-19 in Bangladesh: an epidemic compartments model, *J. Applied Mathematics and Computation*, 4(3), 83 – 93, 2020.

Dr. Md. Riazuddin Molla**Static and Dynamic Properties of Elemental Liquid Pd: An Orbital Free Molecular Dynamic Study**

Journal name: *Journal of Nepal Physical Society*, Volume:6(1) page:59-67
Published Date:06-08-2020

Dr. Md. Kamrujjaman

1. M. N. Hassan, M. S. Mahmud, K. F. Nipa, & M. Kamrujjaman (2021): Mathematical Modeling

and Covid-19 Forecast in Texas, USA: a prediction model analysis and the probability of disease

outbreak, Disaster Medicine and Public Health Preparedness, 1-27,

DOI: <https://doi.org/10.1017/dmp.2021.151>, Print.

2. Z. Hossine, O. Khanam, M. M. I. Y. Adan, & M. Kamrujjaman (2021): Spatio-temporal Brusse-

lator Model and Biological Pattern Formation, Annual Research & Review in Biology, 36(5): 88-99,

DOI: 10.9734/ARRB/2021/v36i530380, Print.

3. K. N. Keya, M. Kamrujjaman & S. Islam (2021): The Inuence of Density in Population Dy-

namics with Strong and Weak Allee E_ect, Journal of the Egyptian Mathematical Society, 29:4,

1-26. <https://doi.org/10.1186/s42787-021-00114-x>, Print.

4. M. Kamrujjaman et al. (2021): SARS-CoV-2 and Rohingya Refugee Camp, Bangladesh: Un-

certainty and how the government took over the situation, Biology, 10, 124, 1-18.

<https://doi.org/10.3390/biology10020124>, Print.

5. M. Kamrujjaman, K. N. Keya & M. S. Islam (2021): Lyapunov Stability Analysis of a Compe-

tition Model with Crowding Effects, GANIT: Journal of Bangladesh Mathematical Society , 40.2,

95{110, Print.

6. M. S. Mahmud, M. Kamrujjaman & M. S. Islam (2021): A spatially dependent vaccination

model with therapeutic impact and non-linear incidence, book chapter: Recent Trends in Applied

Mathematics, Select Proceedings of AMSE 2019, Springer Nature, Singapore.

https://doi.org/10.1007/978-981-15-9817-3_22, Print.

7. M. Kamrujjaman, M. S. Mahmud & M. S. Islam (2020): Dynamics of a Di_usive Vaccination

Model with Therapeutic Impact and Non-linear Incidence in Epidemiology, Journal of Biological

Dynamics, 1-29, <https://doi.org/10.1080/17513758.2020.1849831>, Print.

8. F. Tasnim & M. Kamrujjaman (2020): Dynamics of Spruce budworms and single species com-

petition models with bifurcation analysis, Biometrics & Biostatistics International Journal, 9(6):

217{222, Print.

9. J. I. Ira, M. S. Islam, J C Misra & M. Kamrujjaman (2020): Mathematical Modelling of the

Dynamics of Tumor Growth and its Optimal Control, International Journal of Ground Sediment

& Water, 11, 659{679, Print.

10. H. Ali, M. Kamrujjaman & A. Shirin (2020): Numerical solution of a fractional order Bagley-

Torvik equation by quadratic _nite element method, Journal of Applied Mathematics and Com-

puting, 1{17, <https://doi.org/10.1007/s12190-020-01440-6>, Print.

11. M. S. Islam, J. I. Ira, K. M. A. Kabir & M. Kamrujjaman (2020): E_ect of lockdown and

isolation to suppress the COVID-19 in Bangladesh: an epidemic compartments model, Journal of

Applied Mathematics and Computation, 4(3), 83-93, Print.

12. S. I. Akter, M. S. Mahmud, M. Kamrujjaman & H. Ali (2020): Global Spectral Collocation

Method with Fourier Transform to Solve Differential Equations, GANIT: Journal of Bangladesh

Mathematical Society, 40(1), 28-42, Print.

Teachers' Activities in "Mathematics Alumni Association":

The following teachers of the department played important roles in the executive committee of the Mathematics Alumni Association during the session 2020-2021:

President : Professor Dr. Selina Parvin

International Secretary: Professor Dr. Md. Shahidul Islam

Treasurer : Professor Dr. Mohammad Babul Hasan

Sports secretary : Md. Mamunur Rashid Khan

Executive members : Professor Dr. Amulya Chandra Mandal, Dr.

Nepal Chandra Roy and

Dr. Md. Kamrujjaman.

Teachers' Activities in "Bangladesh Mathematical Society":

The following teachers of the department were elected in the executive committee of the Bangladesh Mathematical Society during the session 2020-2021:

Vice-President : Professor Dr. Md. Shahidul Islam

Treasurer : Professor Dr. Mohammad Babul Hasan

The following teachers worked as the member of the editorial board of GANIT, Journal of Bangladesh Mathematical Society: Dr. Md. Kamrujjaman

Department of Chemistry (1921)

Chairman

Professor Tofail Ahmad Chowdhury, M.Sc., Ph.D.

Professor

(1) Md. Anwarul Islam M.Sc., Ph.D. (Birmingham, UK); (2) Shahida Begum, M.Sc., Ph.D. (Birmingham, UK); (3) Md. Qamrul Ehsan, M.Sc., D.Sc. (Tohoku, Japan); (4) Pradip Kumar Bakshi, M.Sc., Ph.D. (Dalhousie, Canada); (5) Omar Ahmed, M.Sc., M.Phil. (CU), Ph.D., (Okayama, Japan); (6) Farida Begum, M.Sc., Ph.D.; (7) Md. Emran Quayum, M.Sc., Ph.D. (Hokkaido, Japan); (8) S.M. Mizanur Rahman, M.Sc., Ph.D.; (9) Hosne Ara Begum, M.Sc., Ph.D.; (10) Tanvir Muslim, M.Sc., Ph.D. (Tottori, Japan); (11) Md. Iqbal Rouf Mamun, M.Sc., Ph.D.; (12) Md. Abdul Jabbar, M.Sc., Ph.D. (Tokushima, Japan); (13) Md. Abu Bin Hasan Susan, M.Sc., Ph.D. (Okayama, Japan); (14) Kawsari Akhter, M.Sc., Ph.D.; (15) G. M. Golzar Hossain, M. Sc., Ph.D. (Cardiff, UK); (16) Md. Mufazzal Hossain, M.Sc., Ph.D. (Utsunomuya, Japan); (17) Md. Aftab Ali Shaikh, M.Sc., Ph. D. (Hannover, German) [on Deputation]; (18) Mohammad Abul Hossain, M. Sc., M.S., Ph.D. (Kanazawa, Japan); (19) Mohammad Shoeb, M.Sc., MS (Aberdeen, UK) Ph.D. (Aberdeen, UK); (20) Md. Abdus Salam, M.Sc., Ph.D. (Toyohashi, Japan); (21) Md. Ahsan Habib, M.Sc., Ph.D. (Saga, Japan); (22) Abdus Salam, M.Sc., Ph. D. (T. U. of Veana, Canada); (23) Md. Mominul Islam, M. S., Ph.D (Tokeyo, Japan); (24) Muhammed Shah Miran, M. S., Ph.D. (Okayama National, Japan); (25) Md. Ershad Halim, M.Sc., Ph.D. (Kyushu, Japan).

Associate Professor

(1) Mrs. Abida Sultana, M.Sc., Ph.D.; (2) Md. Anamul Haque, M. S., Ph.D. (Hokkiado, Japan); (3) Mrs Farhana Kanam Ferdousi, M. S., Ph.D. (Durham, UK); (4) Md. Shahidur Rahman, M. S., M. Eng. (Toyohashi, Japan), Ph.D. (Bremen, Germany).

Assistant Professor

(1) Mr. A. K. M. Nur Alam Siddiquee, M. S., [on leave]; (2) Mrs. Saika Ahmed, M.S., Ph.D. (Hokkiado, Japan); (3) Mr. Md. Kamrul Hasan, M. S.; (4) Md. Safiqul Islam, M. S., Ph.D. (Auburn, USA).

Lecturer

(1) Mr. Md. Ariful Haque, M.S. [on leave]; (2) Mr. Md. Robiul Islam, M. S. [on leave]; (3) Mrs. Korshada Jahan, M. S. (On leave) (4) Mrs. Humaira Yeasmin, M. S. (On leave) (5) Mrs. Humaiara Akter, M. S. (On leave) (6) Mrs. Saida Afrin Chhanda, M. S. (On leave) (7) Mr. A.Z.M. Mainul Islam Mazumder, M. S. (On leave) (8) Mr. Md. Rokonujjaman, M. S. (On leave) (9) Mr. Md. Aatur Rahman, M. S. (10) Mr. Md. Hasanur Rahman, M. S. (11) Mr. Md. Saiful Islam, M.S. (12) Mr. Md. Mazharul Islam, M. S. (13) Mrs. Farah Jeb, M. S. (14) Mrs. Maksuda Parvin, M. S., (15) Mrs. Raihana Afroz, M. S., (16) Mr. Mohammad Mahmudul Hasan, M. S., (17) Mrs. Shatabdi Roy, M. S.

List of Students

Classes	Number of Students
1 st Year B.Sc. Honours	113
2 nd Year B.Sc. Honours	100
3 rd Year B.Sc. Honours	65
4 th Year B.Sc. Honours	88
M.S.	56
Ph. D	03
Minor	Total: 425
1 st Year	215
2 nd Year	190

Total 405

Departmental Research Programs**Physical Chemistry**

Research in the fields of surface chemistry, electrochemistry, photochemistry and kinetics of reactions in solutions and heterogeneous reactions was continued during the year. In the field of surface chemistry, reactions of hydrocarbons on various metal oxides and metal oxide-polymer composites was investigated. Further, studies on the adsorption of toxic elements on fresh and used tea leaves was continued. In the field of electrochemistry, interaction of various organic ligands with metal ions and redox properties of various dyes is being investigated. Work in the

photoelectrochemistry is also being continued. Work is going on in the application of the Fenton process and various semiconducting metal oxides for the degradation of dyes in aquatic medium. New projects taken up in the physical chemistry research laboratories include the development of solar cells, removal of arsenic from water by physical methods, removal of aquatic pollutants and effect of radiation on pesticides. Besides, several projects on the destruction of environmental pollutants emitted from factories by physico-chemical methods were taken up. In this regard, collaboration with the Lamar University, U.S.A. on the research project "solidification stabilization" was continued. Further, collaborative work with Utsonomia University, Japan, was initiated during the year. A new joint project on the application of photoelectrochemistry for the control of environmental pollution was taken up by the physical and inorganic sections of the department.

Further, work on the preparation and characterization of supported manganese oxide catalysts was continued. A new project on the preparation of nanocrystalline materials was taken up, and some progress was made in the preparation and characterization of nanocrystalline materials.

Special research grants from Ministry of Science & Technology of Bangladesh helped to enhance the research work of the Department.

Organic Chemistry

In order to ensure safe food in the country, the work on toxic organic compounds in food and environment is being carried out since the year 2000. International Science Program (ISP), Uppsala University, Sweden has been supporting financially for the last 20 years, in addition the Ministry of Science and Technology, Government of Bangladesh has also contributed in this research project. Hence, skilled manpower and sophisticated equipment necessary to do research on food safety issue has been increased significantly in the Department.

Under the research project on food safety, residues of several antibiotics that are harmful for human body like tetracycline, oxitetracycline, chlorotetracycline and chloramphenicol has been determined in poultry

meat, beef, pasteurized milk samples has been carried out. Samples of rice, wheat and maize have been collected from different region of Bangladesh and analyzed for the presence of aflatoxins which are potential carcinogenic compounds. Packaged powder of red chili from different Brands present in the market were collected and analyzed for the presence of artificial food color Sudan-I, II, III & IV, and the presence of heavy metals lead (Pb) and chromium (Cr) were determined in turmeric powder. In addition, various types of soft drinks, fruit juices, and processed fruits & vegetable were analyzed for the presence of food preservatives, stimulants and sweeteners.

In order to evaluate the level of environmental contamination, soil, sediment and water samples from rivers and its adjacent areas nearby Dhaka city were collected and were analyzed for heavy metals, pH, TOC, TSS, BOD, Do, etc. Fish, sediment and water samples from Saint Martin Island and Kuakata sea beach areas were collected and analyzed for their quality. Presence of Fatty acids, organochlorine pesticides, micro plastics and heavy metals were determined in the samples of both fresh water and sea water fish samples. Research on the analysis of the residues of modern pesticides in various vegetable samples is going on.

Inorganic and Analytical Chemistry

The main research projects in the Inorganic and Analytical Chemistry section are the preparation of inorganic solids and their structure determination, investigation of the interaction of drugs with metal ions and determination of complexation equilibria, reaction of metal ions with macrocyclic ligands, and synthesis of new complex compounds and determination of their structures. Water quality parameters and heavy metal profile of water samples of different locations of Bangladesh were also studied. Work is also going on the reaction of various transition metal ions with organic compounds, their coordination chemistry, solute-solvent interaction and electrical properties of solutions. Very recently, research has been initiated in the field of nuclear chemistry with the cooperation of the Atomic Energy Centre (AEC), Dhaka. In this project, determination of uranium and thorium in ground water and identification of their sources is being carried out.

In the field of analytical and environmental chemistry, considerable progress has been carried out in the interaction of essential and toxic elements with compounds present in the aquatic system and their effects on living organism. Moreover, a research on the preparation of cost effective composite cement with wastes or by products of different industries and ordinary Portland cement is going on.

The method for the determination of trace arsenic in water, Soil and food materials developed in the Department of Chemistry, Dhaka University in collaboration with George Mason University of USA is working well. Micro-electrochemical techniques (LSV, DPV, SWV, CV) that has been developed with George Mason University are routinely used in this department to determine the presence of arsenic (As) along with other heavy metals.

Established two (urban and background locations) research observatories for atmospheric pollution studies. Air quality, chemical composition, sources characterization and mitigation; impact on climate change, human health and ecosystem with the Collaboration of NASA - AERONET, USA; Stockholm University, Sweden; Dalhousie University, Canada.

Real time continuous air quality monitoring in 40 different locations was also carried out with the collaboration of Duke and University of Wisconsin, USA.

The study of Micronutrients and aluminium and zinc in blood serum has been conducted jointly with BIRDEM and BSMMU. Special research grants were obtained from the Ministry of Science and Technology.

Attend to the Conferences, Seminar and others Activities of Teachers

Dr. Mohammad Abul Hossain, Professor

New Initiative in Research

- a. Preparation of Chitosan Nanoparticles from Shrimp Shell and Its Characterization for Potential Application to Enhance the Drug Delivery Process

- b. Development of a Treatment Process for the Removal of Basic Violet 4 from Textile Wastewater Using Tea Waste as a Low-cost Biosorbent

Other Responsibility to the University and / or to the National and International Scientific Community

- ◆ Working as a Member of Waste Management Program Committee” of Bangladesh Poribesh Andolon (BAPA).

Editorial Board Member of Scientific Journals

1. Associate Editor - *American Journal of Food Technology* (Science Alert, New York, USA).
2. Associate Editor – *Journal of Applied Science* (Science Alert, New York, USA).
3. Associate Editor – *Asian Journal of Scientific Research* (Science Alert, New York, USA).
4. Technical Editor – *Research Journal of Environmental Toxicology* (Science Alert, New York, USA).
5. Associate Editor – *Research Journal of Nanoscience and Nanotechnology* (Science Alert, New York, USA).
6. Editorial Member - *Science Journal of Chemistry (SJC)* (Science Publishing Group, USA)

Working as a Reviewer to the Following Journals

- (i) Analytical Chemistry (An International Journal of American Chemical Society).
- (ii) Separation Science and Technology (An International Journal Published by Taylor & Francis Group).
- (iii) Journal of Hazardous Materials (An International Journal Published by Elsevier).
- (iv) Journal of Chemical Technology and Biotechnology (An International Journal Published by WILEY Inter Science).

- (v) African Journal of Environmental Science and Technology (academicjournals.org, Africa).
- (vi) International Journal of Physical Sciences (academicjournals.org, Africa).
- (vii) African Journal of Pure and Applied Chemistry (academicjournals.org, Africa).
- (viii) Physical Chemistry (Scientific & Academic Publishing, Rosemead, USA).
- (ix) Science and Technology (Scientific & Academic Publishing, Rosemead, USA).
- (x) Dhaka University Journal of Sciences (University of Dhaka, Bangladesh).
- (xi) International Research Journal of Pure and Applied Chemistry (SCIENCEDOMAIN international.org, UK, USA, India).
- (xii) Journal of Material Science, Poland.
- (xiii) Journal of Iranian Chemical Society, Springer Nature, UK, Germany and China.
- (xiv) Front. Environ. Chem, Lausanne, Switzerland.

Research Publication (Report, Paper, Book, etc.)

1. Characterization of Ethyl Violet Adsorption on Used Black Tea Leaves from Aquatic Environment: Kinetic, Isotherm and Thermodynamic Studies, *American Journal of Physical Chemistry*, Vol. 10, No. 2, pp. 38-47, 23 June 2021, USA. ISSN 2327 - 2449 (Online); ISSN 2327 - 2430 (Print)
2. Optimization of a fixed bed column adsorption of Fast Green dye on used black tea leaves from aqueous solution, *Journal of the Iranian Chemical Society*, 20 June, 2021, Iran. ISSN 1735 - 2428 (Online); ISSN 1735 – 207X (Print)
3. Mass Transfer Mechanism of the Adsorption of Fast Green on Used Black Tea Leaves from Aqueous Solution, *Journal of the Bangladesh*

Chemical Society, Vol. 32, No. 1 & 2, pp. 48-54, 03 June 2021, Dhaka, Bangladesh.

ISSN 2408 - 8692 (Online); ISSN 1022 – 016X (Print)

4. Kinetics and Thermodynamics of Acid Red 1 Adsorption on Used Black Tea Leaves from Aqueous Solution, International Journal of Sciences, Vol. 10, No. 06, pp. 07-15, 02 June 2021, United Kingdom.

ISSN 2305 - 3925 (Online); ISSN 2410 - 4477 (Print)

5. Treatment for the Transmission of Coronavirus Disease 2019 from Human to Human by Hand as Divine Creator's Code 19, Journal of Biomedical Engineering and Medical Imaging, Vol. 7, No 4, pp 16-31, 04 Aug 2020, Society for Science and Education, Stockport, Manchester, UK.

ISSN 2055 – 1266 (Online)

Dr. Md Anamul Haque

New Research Initiative:

1. Photonic Hydrogel for Solvent Sensor.
2. Variable Toughness and Stress Sensitivity of Lamellar Hydrogels by Molecular Triggering.

Participation in Conference/Seminar/Symposium etc (local and foreign) and presentation of scientific paper(s):

1. **Md Anamul Haque**, Most Laboni Begum, Sobuj Roy, Mehedi Hasan, Ajadur Rahman Sakil, MdAftab Ali Shaikh. "Fabrication of Hydrogel Composite for Removal of Industrial Effluents from Waste-water". 1st Commonwealth Chemistry Congress, virtual, 18-20 May 2021.
2. **Md Anamul Haque**, Keynote speech. 'Water-dominated materials for sensing environmental stimulation'. International Conference on Science and Technology for Celebrating the Birth Centenary of Bangabandhu (ICSTB-2021), March 11-13, BCSIR, Dhaka.

3. **Md Anamul Haque**, participation in the 27th CRSI National Symposium in Chemistry (CRSI-NSC) meeting, 26 – 29 September, 2021, Indian Institute of Science Education and Research (IISER), Kolkata, India.

Publications

1. Y. N. Ye, **Md Anamul Haque**, A. Inoue, Y. Katsuyama, T. Kurokawa, J. P. Gong. Flower-like Photonic Hydrogel with Superstructure Induced via Modulated Shear Field. ACS Macro Lett. 10, 708–713, 2021.

Patent Published

1. A. Lindner, D. Lucie, **Md Anamul Haque**, J. P. Gong. Microfluidic or millifluidic chip comprising a pressure sensing unit using colour-switching hydrogels. European Patent Application, 19306702.2, 2021/25, 2021.

Dr. Mohammad Shahidur Rahman:

Publication:

- J. Jatmika, H. Maruyama, **M. S. Rahman**, A. Sakai, S. Nakatsuji, A. Iyo, T. Ebihara, "Superconducting properties of the ternary boride YRh₄B₄" *Superconductor Science and Technology* 33 (2020) 125006-125011, IOP Publishing Ltd, October 2020, UK.

Sadia Afrin Chhanda:

Participation in Conference/Seminar/Symposium etc (local and foreign) and presentation of scientific paper(s):

- "Design and synthesis of cinchona squaramide polymeric organocatalyst and its application to asymmetric synthesis," 3rd G'Lowing Polymer Symposium in KANTO (on-line International Symposium), November 28, 2020.

Publications:

1. Sadia Afrin Chhanda and Shinichi Itsuno "Synthesis of Cinchona Squaramide Polymers by Yamamoto Coupling Polymerization and their Application in Asymmetric Michael Reaction," *Reactive and Functional Polymers*, 164, April 2021.
2. Mohammad Shahid Ullah, Sadia Afrin Chhanda and Shinichi Itsuno "ADMET polymerization of dimeric cinchona squaramides for the preparation of a highly enantioselective polymeric organocatalyst," *Catalysts*, 10 (5), May 2020.
3. Sadia Afrin Chhanda and Shinichi Itsuno "Design and synthesis of cinchona-based chiral hyperbranched polymers and their application in asymmetric reactions," *Tetrahedron*, 76 (24), April 2020.

Ph. D. Degree Awarded

Md. Mahmudul Hasan	Studies on Interactions of Transition Metals with Leucine and Isoleucine using Spectroscopic and Electrochemical Techniques.
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Seminar Lectures

Date	Name and address of speaker	Topic
10/09/2020	Anath Chandra Roy Ph. D. Student Department of Chemistry University of Dhaka	"Phytochemical and Microbiological investigation on the roots of <i>Piper Chaba</i> H. and <i>Bombax Ceiba</i> L."
10/09/2020	Md. Shahed Reza Ph. D. Student Department of Chemistry University of Dhaka	"Studies on Contaminants in Fruits and Vegetables."

24/09/2020	Hasina Akhter Simol Ph. D. Student Department of Chemistry University of Dhaka	"Studies on nonstoichiometric metal oxides, M_xO_n (M=Ti, V, W, Bi etc.)"
26/11/2020	Fatema Tuj Jahura Ph. D. Student Department of Chemistry University of Dhaka	"Synthesis, Characterization and Application of Nanoparticles from Chitosan."
26/11/2020	Md. Shahed Reza Ph. D. Student Department of Chemistry University of Dhaka	"Studies on Contaminants in Fruits and Vegetables."
23/01/2021	Anath Chandra Roy Ph. D. Student Department of Chemistry University of Dhaka	"Phytochemical and Microbiological investigation on the roots of <i>Piper Chaba</i> H. and <i>Bombax Ceiba</i> L."
24/06/2021	Hasina Akhter Simol Ph. D. Student Department of Chemistry University of Dhaka	"Studies on nonstoichiometric metal oxides, M_xO_n (M=Ti, V, W, Bi etc.)"
24/06/2021	Rafiza Islam Ph. D. Student Department of Chemistry University of Dhaka	"Investigation of Antibiotic Residues in Poultry Meat and Beef Samples"

24/06/2021	Kawser Parveen Chowdhury Ph. D. Student Department of Chemistry University of Dhaka	“Multifunctional Nanomaterials for Textile Finishing: Synthesis Characterization and Application”
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Department of Statistics (1939/1950)

Chairman

Sayema Sharmin

Professor

(1) Kalipada Sen, M.A. Ph.D. (Madras) Supernumerary; (2) Nitai Chakraborty, M.Sc. M.S. (Canberra) [LPR]; (3) M A Jalil, M.Sc.; (4) Md. Lutfor Rahaman, M.Sc.; (5) Sayema Sharmin, M.Sc. M.A. (Adalaid); (6) Md. Jafar Ahmed Khan, M.Sc. Ph.D. (British Columbia); (7) Washimul Bari, M.Sc. Ph.D. (Memorial University, Canada); (8) Murshida Khanam, M.Sc., M.S. (AIT, Thailand); (9) Md. Belal Hossain, M.Sc. Ph.D. University of Southern Queensland Australia; (10) Md. Abdus Salam Akanda, M.Sc. M.Phil. (University of Tsukuba, Japan), Ph.D (University of Evora, Portugal).

Associate Professor

(1) Sabina Sharmin, M.Sc.; (2) Md Golam Rabbani M.S.; (3) Shamol Chandro Karmoker, M.S. [on leave]; (4) Khond. Md. Mostfa Kamal, M.S. [on leave]; (5) Md. Zakir Hossain, M.S., M.Sc (University of Nottingham, UK) Ph.D (Queen Mary University of London, England); (6) Md. Jamil Hasan Karami, M.S., M.Sc. (University of Alberta, Canada), Ph.D. (Macquarie University, Australia); (7) Md. Zillur Rahman Subuz, M.S., Ph.D (The Open University, United Kingdom); (8) Mohammad Ahsan Uddin, M.S.; (9) Abuzur Md. Shafiullah, M.S. Ph.D. (University of Auckland, New Zealand); (10) Md. Anamul Hoque Sajib, M.S., M.Sc. (University of Nottingham, UK) Ph.D. (Nottingham University, UK).

Assistant Professor

(1) Md. Ershadul Haque, M. S. [on leave]; (2) Nahid Sultana Sumi, M.S. [on leave]; (3) Md. Mahfujur Rahman Khokon, M.S, M.Sc. in Statistics (University of Nottingham, UK) [on leave]; (4) Khond. Akib Mohammad, M. S. [on leave]; (5) Fatema-Tuz- Zahura M. S.; (6) Md. Motiar Rahman, M.S. [on leave]; (7) Farzana Afroj, M. S., Ph.D Otago University, New Zealand); (8) Md. Morshedur Rahman, M.S.; (9) Sahnaj Nilima, M.S.; (10) Kanchan Kumar Sen, M.S.; (11) Md. Mirajul Islam, M.S. [on leave]; (12) Mrs. Nasrin Sultana [on leave]; (13) Mohammad Mahmudul Hasan, M.S. [on leave].

Lecturer

(1) Md. Erfanul Haque, M.S. [on leave]; (2) Mrs. Kamrun Nahar Keya, M.S [on leave]; (3) Tasmiah Sad Sutopa M.S.; (4) Nishat Tasnim Toosty M. S. [on leave]; (5) Ahsan Rahman Jamee M.S.; (6) Ummey Nayeema Islam, M.S.; (7) Bikash Pal, M.S.

Senior Technical Officer

(1) Md. Delwar Hossain [LPR]; (2) Sheikh Jamirul Islam

Technical Officer

Md. Hanif Shikdar

Numbers of Students

Year & Class	Promoted students
1 st Year B. S. Hon's - 2019-2020	95
2 nd Year B. S. Hon's - 2019-2020	105
3 rd Year B. S. Hon's - 2019-2020	120
4 th Year B. S. Hon's - 2019-2020	102
M.S. Group - A (Non-Thesis) - 2018-2019	43
M.S. Group - B (Thesis) - 2018-2019	17
M.phil	1
P.hD	2
Total	485

Minor Students

Mathematics Department	
Year & Class	Promoted students
1 st Year B. S. Hon's - 2019-2020	157
2 nd Year B. S. Hon's - 2019-2020	134
Physics Department	
Year & Class	Promoted students
1 st Year B. S. Hon's - 2019-2020	146
2 nd Year B. S. Hon's - 2019-2020	143

Final Result in 2019-20 Session

Year & Class	No. of Examinees	1st Class	2nd Class	3rd Class	Total Passed	Percentage of pass
1 st Year B. S. Hon's 2019-2020	99	Under Grading System			88	88.89%
2 nd Year B. S. Hon's 2019-2020	97	Under Grading System			75	77.32%
3 rd Year B. S. Hon's 2019-2020	87	Under Grading System			76	87.36%
4 th Year	69	Under Grading System			55	79.71%

B. S. Hon's 2019-2020						
M. Sc. Final Year 2018-2019 (group – A) Non Thesis	99	-	-	-	88	88.89%
M. Sc. Final Year 2018-2019 (group – B) Thesis	19	-	-	-	19	100%

Research works and other Activities of the Teachers:

The teachers of the Statistics Department are regularly carrying out their research activities. In the current academic year, some research articles of teachers have been published in national and international journals. Dr. Md. Anamul Hoque Sajib and Dr. Farzana Afroj are working as the student advisors of this department. To celebrate the occasion of Mujib Borsho 2020, an essay competition named “Mujib Borsho Rochona Protijogita” has organized. Around 22 Students of this department have been participated in this competition. The subject of the essay competition was “Bangabandhu's thoughts on the development of education: Perspective Dhaka University”. Besides this, to celebrate the occasion of Mujib Borsho 2020, some books have been included in the departmental seminar library.

A committee has been formed in the department to celebrate the centenary celebration of Dhaka University. The committee provided various writings on the occasion of the centenary celebration of Dhaka University as per the demand of the university. Every year a freshers' reception ceremony is

celebrated with great enthusiasm but this year it was not possible due to pandemic Covid-19. Besides, picnics and study tours were not held.

Publications

Prof. Murshida Khanam

Abira Sultana and **Murshida Khanam.**, (2020). Forecasting Rice Production of Bangladesh Using ARIMA and Artificial Neural Network Models. *Dhaka University Journal of Science*, vol. 68, no. 2, pp-143-147.

Publications

Prof. Dr. Md. Belal Hossain.

1. Yeasmin R, Zaher M A, Mamun S, Hossain M B: Evaluation of visceral adiposity index with dietary patterns in Type-2 Diabetes Mellitus patients in Bangladesh. *Bangladesh Med. Coll J. Jan 2021*; 26(1): 19-24.
2. Sarkar D C and Hossain M B: Assessing the Effect of Demographic Factors on Women Health in Bangladesh. *International Journal of Mathematics and Statistics Invention. May 2021*; 9(5): 18-23

Publications

Prof. Dr. Md. Abdus Salam Akanda.

1. **Md. Abdus Salam Akanda**, Most. Sonia Khatun and A H M Musfiqur Rahman Nabeen (2021). Determinants of malnutrition among ever-married women in Bangladesh. *Dhaka University Journal of Science*, vol.69, no.1, pp.7-13.
2. Most. Sonia Khatun, A H M Musfiqur Rahman Nabeen, Md. Maidul Husain and **Md. Abdus Salam Akanda** (2020). Impact of husbands' healthcare decision making on women's future intention of using contraceptives in Bangladesh. *Dhaka University Journal of Science*, vol.68, no.2, pp.121-127.

Publications

Ummay Nayeema Islam

Lecturer

List of Publications

1. Begum, D. F., Hossain, D. S., Alam, D. M, **Islam, U. N.**, Lemon, H. A. and Omar, D. N. : Combating the impact of COVID-19 on Public University Students through Subsidized Online Class: Evidence from Bangladesh, *Journal of Education and Practice* , vol.141 , 2020 .
2. Al-Amin, M., Chowdhury, A. B., Munira, S., Jahan, I. and **Islam, U. N**: Discrepancies between Theoretical Knowledge and Implementation: Practice Teachers' Views, *IOSR Journal of Research & Method in Education (IOSR-JRME)* , vol.11 , 2021 .
3. **Ummay Nayeema Islam** and Tasmiah Sad Sutopa : The Burden of Neonatal Mortality in Urban Slums of Bangladesh: Evidence from Bangladesh Urban Health Survey 2013 Data, *The Dhaka University Journal of Science* , vol.69 , no.1 , pp.31--35 , 2021 .
4. Md Al-Amin, Ishrat Jahan, Md Fajlay Rabbi and **Ummay Nayeema Islam** : Can Blended Learning be the New-Normal in Higher Education of Bangladesh?, *International Journal of Educational Research Review* , 2021 .
5. **Ummay Nayeema Islam**, Ema Akter and Md Abu Sufian : Factors associated with timing of first postnatal care services among newborns in urban slums: 2013 data from the Bangladesh Urban Health Survey, *International Journal of Child and Adolescent Health* , vol.14 , no.3, pp.297-308 , 2021 .

Department of Theoretical Physics (1975/2008)

Chairman

Dr. Mohammad Tanvir Hanif

Professor

(1) Golam Mohammad Bhuiyan, Ph.D. degree from the University of East Anglia, UK.; (2) M. Arshad Momen, Ph.D. Syracuse university, New York.

Associate Professor

Mohammad Tanvir Hanif, Ph.D-The University of Western Ontario, School of Graduate and Postdoctoral Studies. Natural Sciences Centre. London, Ontario. CANADA-N6A 5B7.

Assistant Professor

Mr. Muhammad Ruhul Amin [Study Leave]

Part-Time Teacher

(1) Professor Dr. Khurshed Ahmed kabir, Department of Nuclear Engineering , University of Dhaka ; (2) Professor Dr. Ishtiaque M Syed, Department of Physics, University of Dhaka; (3) Dr. Ratan Chandra Gosh, Professor, Department of Physics, University of Dhaka; (4) Dr. Alamgir Kabir, Professor, Department of Physics, University of Dhaka; (5) Dr. Talal Ahmed Chowdhury, Assistant Professor , Department of Physics, University of Dhaka; (6) Dr. Sayed Hasan, Assistant Professor, Department of Physics, University of Dhaka; (7) Mr. Md. Zafrul Islam, Lecturer, Department of Physics, University of Dhaka; (8) Mr. Enayet Hossain, Assistant Professor, Department of Physics, University of Dhaka; (9) Dr. Md. Abdus Samad, Professor, Department of Applied Mathematics , University of Dhaka; (10) Mr. Ashik Imran, Lecturer, Department of Physics, University of Dhaka; (11) Dr. Mahabub Alam Bhuiyan, Assistant Professor, Department of Physics, University of Dhaka.

Number of Students

SL	Class	Year	session	Number of Students
1.	B.S. (H)	4rth Year	2018-2019	22
2.	MS	(Old-2018)	2017-2018	07
3.	MS	(New-2019)	2018-2019	18
4.	M.Phil.		2015-2016	01
5.	Ph.D		2017-2018 (01)	01
Total=49				

Examination Results

Year & Class	Number of Examine	Total Passed of Pass	Percentage
Ms -2017. (Thesis)	02	02	100%

Research Activities

The main research activities of this department are for the time-being mainly concentrated on Theoretical Condensed Matter, Elementary Particle Physics (Theory and Phenomenology), Quantum Gravity, General Relativity and Cosmology. Much stress is given on computational methods and simulations as they are very important in some research works conducted in Condensed Matter Physics in particular and certain aspects of High Energy Theory.

Dr. G.M. Bhuiyan and Mr. Ruhul Amin's primary research interest are in Condensed Matter Theory whereas

Dr. Arshad Momen and Dr. Tanvir Hanif's are interested in the phenomena of Elementary Particle Theory, General Relativity and Cosmology. In particular, Dr. Tanvir Hanif's research interest is in Quantum Field Theory and Particle Physics (Theory and Phenomenology). His approach is mainly analytical rather than computational- frequently employing mathematically rigorous effective field theoretic models and abstractions. He is also interested in unresolved problems in fundamental physics to date, like colour-confinement in Quantum Chromodynamics, matter-anti-matter asymmetry (why matter dominates anti-matter in our universe), the missing-matter and energy problem (dark-matter and dark-energy) etc. , consequently an unified theory beyond the Standard Model of Particle Physics.

Publications**Professors Dr. Golam Mohammad Bhuiyan****1. Critical Properties Segregation For $Al_{1-x}Bi_x$ Liquid Binary Alloys**

Fysol Ibna Abbas, Golam Mohammed Bhuiyan, and Riad Kasem
Department of Theoretical Physics, University of Dhaka, Dhaka-1000, Bangladesh

(Received January 16, 2020; accepted September 3, 2020; published online October 16, 2020)

2. MICROSCOPIC ORIGIN OF IMMISCIBILITY AND SEGREGATION IN LIQUID BINARY ALLOYS

G.M. BHUIYAN

(Dedicated to the birth centenary of the Father of Nation, Banggabandhu Sheikh Mujibur Rahman)

Department of Theoretical Physics, University of Dhaka, Dhaka-1000, Bangladesh

*Correspondence E-mail; gbhuiyan@du.ac.bd

3. Bose condensation and the Casimir effects of an imperfect Bose gas in a d -dimensional configuration space.

G.M. BHUIYAN

Department of Theoretical Physics, University of Dhaka, Dhaka-1000, Bangladesh

E-mail; gbhuiyan@du.ac.bd

4. Effects of interionic pair interactions on atomic transport properties of liquid Al

M A M Islam¹, R C Gosh^{2*}, F I Abbas³, and G M Bhuiyan³

¹Non-Destructive Testing Division, Atomic Energy Centre, Dhaka-1000, Bangladesh

²Department of Physics, University of Dhaka, Dhaka-1000, Bangladesh

³Department of Theoretical Physics, University of Dhaka, Dhaka-1000, Bangladesh

Received: 03 June 2020/ Accepted: 13 January 2021

(Received January 16, 2020; accepted September 3, 2020; published online October 16, 2020)

**Department of Biomedical Physics & Technology
(2008)****Chairman**

Engr. A S M Shamsul Arefin; MSc (Trinity College Dublin, Ireland), MSc (University of Groningen, Netherlands)

Associate Professor

Muhammad Abdul Kadir; MS, Ph.D.

Assistant Professor

(1) K M Talha Nahiyon, MS; (2) Mamun Rabbani, MS.

Honorary Professor

Professor Dr. Khondkar Siddique-e-Rabbani, M.Sc., Ph.D. (University of Southampton, United Kingdom).

Adjunct Faculty

Professor Dr. Shamim Momtaz Ferdousi Begum, BSMMU; MBBS, DNM, Fellow IAEA (USA and UK).

Departmental Activities**Educational activities**

The main objective of this postgraduate department is to develop skilled manpower to support technological development in the health care sector and assist physicians in diagnosis and treatment planning. Currently, the department is running PhD, MPhil, and Master's program (MS) in two specialized streams, Biomedical Engineering and Medical Physics respectively. This interdisciplinary post-graduate department is committed to bringing the development and advancement of modern technological healthcare to the general public through research-based knowledge.

Class-wise arrangement of students

Class	No of Students
PhD	07
MS	15

Keeping a cautious focus on the future of the students during the COVID-19 crisis, the annual MS final examination of the academic year 2019 was concluded physically in March 2021 following the hygiene protocols as per the decision of the Academic Council of the University.

Research activities

This department emphasizes on practical and demand-based research. One of the objectives of the department is the development of modern healthcare based on science and technology for the people in remote areas. The process of expanding the ongoing research work through multidisciplinary activities continues in full swing. A research team of the department has been working continuously on this goal since 2011 with the funding of the International Science Program (ISP) of the Uppsala University, Sweden. Some of the ongoing research topics in the department are: (i) Focused Impedance Method (FIM), Pigeon Hole Imaging (PHI), Tetra Polar Impedance Measurement (TPIM) for the diagnosis of disorders and diseases of lungs, stomach, gastric emptying, certain cancers, etc., (ii) Distribution of F-latency (DFL) with the potential in the detection and diagnosis of peripheral neuropathy, (iii) Biomedical signal (ECG, EEG, EMG, AMG, etc.) and image analysis for medical applications, (iv) Telemedicine, (v) Pulsed Electro Magnetic Field (PEMF) therapy for pain relief management of the back, neck, and knees.

Dhaka University Telemedicine Program (DUTP)

Under the Department of Biomedical Physics and Technology, Dhaka University Telemedicine Program (DUTP) has been operating since 2015. Fifty-five (55) remote telemedicine service centers are working tirelessly in remote areas of the country. This year 13 more remote service centers have been associated with DUTP. More than 32,000 patients have been provided healthcare services remotely till June 2021, out of which about

1,800 patients received services last year through the program. About 57% of patients served are women. In addition, children and senior citizens also took the services, which is about 30 percent.

International Webinar organized on the occasion of 12 years anniversary of the department

An International Webinar was organized on November 15, 2020, to mark the 12 years anniversary of the Department of Biomedical Physics and Technology. In the webinar, the Honorable Vice-Chancellor of the University of Dhaka, Professor Dr. Md. Akhtaruzzaman was present as the chief guest and Professor Dr. Tofail Ahmad Chowdhury, Dean of the Faculty of Science, was present as the special guest. As invited speakers, Emeritus Professor Dr. Brian Brown, University of Sheffield, U.K.; Emeritus Professor Dr. Adrian Wilson, University of Warwick, U.K.; and Dr. Carla Puglia, ISP Director, Uppsala University, Sweden gave motivational and constructive speeches on the potential and progress of the department.

Special measures in COVID-19

DUTP launched hotline-based telemedicine services for the mental and physical health care of people during the Corona period. As of June 2021, more than 5,000 people availed this free healthcare from specialist doctors.

DUTP enabling the project implementation of Local Governance Support Project-3 (LGSP-3)

Ten (10) 'Telemedicine Centers' have been launched under LGSP-3 funded by the Ministry of Local Government, Rural Development and Cooperatives in Family Planning Health Centers of 10 Unions in 5 Upazilas of Dhaka District. DUTP will provide technology and healthcare services to all these telemedicine centers. Honorable Deputy Commissioner of Dhaka District Mr. Md. Shahidul Islam inaugurated this program online on April 12, 2021. The honorable Chairman of the Department, DUTP Director, other teachers and officials were present on behalf of DUTP. Besides, the Deputy Director of Local Government Division of Dhaka District, Director and Deputy Director of Family Planning Directorate, and Chairman of Union Parishad as well as other important persons participated in the event.

Publications**Dr. Khondkar Siddique-e Rabbani****Honorary Professor****Research Supervision:**

1. **PhD:** 03 Students, 03 External Students as co-supervisors
2. **MD:** 01 External Student as co-supervisor

Other Appointments Held:

1. Director, Dhaka University Telemedicine Program (DUTP) since 2015.
2. Principal Investigator, Research program funded by the International Science Program (ISP) of Uppsala University, Sweden since 2011.

Invited Speeches Given

1. 'Elementary Physics and Chemistry for clinical Neurophysiology', Educational Tutorial, organized by Bangladesh Clinical Neuro Electro Physiologists' Society (BCNEPS), 10 October 2020.
2. 'Focused Impedance Method (FIM), an innovation of Dhaka University with potential applications in Biomedical Physics and beyond', International e-Conference on Physics-2021, organized by Bangladesh Physical Society (BPS), University of Dhaka, Frontiers of Physics of US and Bangladesh Collaboration, 6 February, 2021.
3. 'Science & Technology Divide - Why are we lagging behind?' International e-Conference on Celebrating 100 years of the University of Dhaka: Reflections from Alumni—International as well as National, Webinar 2 – Sciences for Society, 25 February 2021.

Dr. Muhammad Abdul Kadir**Associate Professor****Peer Reviewed Journal Articles:**

1. Tawsifur Rahman, Muhammad E. H. Chowdhury, Amith Khandakar, Khandaker R. Islam, Khandaker Arafat Rahman, Chowdhury, M.E., Khandakar, A., Kiranyaz, S., Zaman, K.S., Reaz, M.B.I., Islam, M.T., Ezeddin, M. and **Muhammad Abdul Kadir**, 'Multimodal EEG and Keystroke Dynamics Based

Biometric System Using Machine Learning Algorithms', *IEEE Access*, vol. 9, pp.94625-94643, 2020. doi:10.1109/ACCESS.2021.3092840.

2. Tawsifur Rahman, Amith Khandakar, **Muhammad Abdul Kadir**, Khandaker R. Islam, Khandaker F. Islam, Rashid Mazhar, Tahir Hamid, Mohammad T. Islam, Saad Kashem, Zaid B. Mahub, Mohamed Arselene Ayari and Muhammad E. H. Chowdhury, 'Reliable Tuberculosis Detection using Chest X-ray with Deep Learning, Segmentation and Visualization', *IEEE Access*, vol.8, pp.191586-191601, 2020. doi: 10.1109/ACCESS.2020.3031384.
3. Muhammad E. H. Chowdhury, Tawsifur Rahman, Amith Khandakar, Rashid Mazhar, **Muhammad Abdul Kadir**, Zaid Bin Mahub, Khandakar R. Islam, Muhammad Salman Khan, Atif Iqbal, Nasser Al-Emadi, Mamun Bin Ibne Reaz and M. T. Islam, 'Can AI help in screening Viral and COVID-19 pneumonia?', *IEEE Access*, vol.8, pp.132665-132676, 2020. doi: 10.1109/ACCESS.2020.3010287.
4. Kanchon Kanti Podder, Muhammad E. H. Chowdhury, Zaid Bin Mahub and **Muhammad Abdul Kadir**, 'Bangla Sign Language Alphabet Recognition Using Transfer Learning Based Convolutional Neural Network', *Bangladesh Journal of Scientific Research*, vol.31-33, no.1, pp.20-26, 2020. eISSN: 2408-8447.

Research Supervision

1. **PhD:** 04 students
2. **MS Thesis:** 03 students

Engr. A S M Shamsul Arefin**Assistant Professor****Book Chapter**

1. K M Talha Nahiyani, **A S M Shamsul Arefin**, Mamun Rabbani and Alejandro Lopez Valdes, 'Origin and Dynamics of Biomedical Signals' In: *Signal Processing Techniques for Computational Health Informatics* MAR Ahad and MU Ahmed (eds). pp. 1-22, Springer, Cham, 2020. DOI: 10.1007/978-3-030-54932-9_1.

Peer Reviewed Journal Articles

1. Noman F, **Arefin ASMS**, Rahman S, Chowdhury SA, Asaduzzaman AKM, 'An Exploratory Study on the Adequacy of Internship Program Duration in Medical Colleges of Bangladesh', *Bangladesh Journal of Medical Education*, vol. 12(1), pp. 32-39, 2021. DOI: 10.3329/bjme.v12i1.52307.
2. Towhid ST, Rakhi NN, **Arefin ASMS**, Saha O, Mamun S, Moniruzzaman M, Rahaman MM, 'COVID-19 and the Cardiovascular System: How the First Post-Modern Pandemic Weakened our Hearts', *Discoveries Reports*, 3: e15, 2020. DOI: 10.15190/drep.2020.9.
3. Ghosh S, Rabbani M, **Arefin ASMS**, 'A Simulation Based Study for the Early Detection of Glaucoma using Temperature Profiling of Human Eye', *The Dhaka University Journal of Science*, vol. 68(1), pp 37-44, 2020. DOI: 10.3329/dujs.v68i1.54595.

Research Supervision:

1. **MS Thesis:** 03 students

K M Talha Nahiyani

Assistant Professor

Book Chapter

1. **K M Talha Nahiyani**, Md Atiqur Rahman Ahad 'Contactless Monitoring for Healthcare Applications.' In: *Vision, Sensing and Analytics: Integrative Approaches*, pp. 243-265, 2021, Springer, Cham. DOI: 10.1007/978-3-030-75490-7_9.
2. **K M Talha Nahiyani**, A S M Shamsul Arefin, Mamun Rabbani and Alejandro Lopez Valdes, 'Origin and Dynamics of Biomedical Signals' In: *Signal Processing Techniques for Computational Health Informatics* MAR Ahad and MU Ahmed (eds). pp. 1-22, Springer, Cham, 2020. DOI: 10.1007/978-3-030-54932-9_1.

Research Supervision:

1. **MS Thesis:** 02 students

Mamun Rabbani

Assistant Professor

Book Chapter:

1. K M Talha Nahiyani, A S M Shamsul Arefin, **Mamun Rabbani**, Alejandro Lopez Valdes, 'Origin and Dynamics of Biomedical Signals', In: *Signal Processing Techniques for Computational Health Informatics*, MAR Ahad and MU Ahmed (eds). pp. 1 – 22, Springer Cham, 2020. DOI: 10.1007/978-3-030-54932-9_1.

Peer Reviewed Journal Articles

1. Md Hasan Maruf, **Mamun Rabbani**, Ratil H. Ashique, Md Tariqul Islam Murad, Kabir Nipun, Mohammad Asif Ul Haq, Ahmed Al Mansur, ASM Shihavuddin, 'Exergy based evaluation of power plants for sustainability and economic performance identification', *Case Studies in Thermal Engineering*, vol. 28, pp – 101393, DOI: 10.1016/j.csite.2021.101393.

Research Supervision:

1. **MS Thesis:** 02 students

Department of Applied Mathematics (2014)**Chairman**

Professor Dr. Md. Showkat Ali, Ph.D. (Glasgow University, UK)

Professor

(1) Md. Abdus Samad, Ph.D. (Manchester University, UK); (2) Md. Shafiqul Islam, Ph.D. (Bangalore University, India); (3) Muhammad Ferdows, Ph.D. (Tokyo Metropolitan University, Japan).

Associate Professor

(1) Litan Kumar Saha, Ph.D. (Hokkaido University, Japan); (2) Md. Zavid Iqbal Bangalee, Ph.D. (National Cheng Kung University, Taiwan); (3) Tania Sharmin Khaleque, Ph.D. (Oxford University, UK); (4) A.B.M. Shahadat Hossain, Ph.D. (Manchester University, UK).

Assistant Professor

(1) Md. Rakib Hossain, M.S. [Study Leave]; (2) Kajal Chandra Saha, M.S.; (3) Khadija Khatun, M.S.; (4) S. M. Chapal Hossain, Ph.D. (University of Science and Technology of China).

Lecturer

(1) Mr. Muntasir Alam, M.S. [Study Leave]; (2) Md. Mijanur Rahman, M.S.; (3) Mr. Zakir Hossine, M.S.; (4) Mr. Hazrat Ali, M.S.; (5) Mr. Md. Joshem Uddin, M.S.; (6) Mr. Md. Shorif Hossain, M.S.

Honorary Professor

Professor Dr. Md. Mubarak Hossain, PhD (Roorkee University, India).

Senior Administrative Officer

Dewan Mominul Haque, MSS. NU.

Activities

From the establishment of the University of Dhaka as well the Department of Mathematics (since 1921) students have been awarded M.Sc. degree in both pure Mathematics and in Applied Mathematics. Since then, research has been carried out in various fields of Applied Mathematics. A number of students of this department have been awarded M. Phil degree and PhD degree. At present 15 researchers are engaged with their PhD studies.

From the academic year 2014-2015 the department of Applied Mathematics has started its journey as a completely new and full-fledged department in the Kazi Motaher Hossain Bhaban. From the same academic year, the department started its undergraduate program by taking 61 students in the first-year honors and MS program by 51 students for the session 2013-2014. Presently this department avails its academic activities at the newly founded A. F. Mujibur Rahman Ganit Bhaban. This department also provides well equipped research labs for the PhD and M. Phil students. This department has a well-furnished seminar library with two modern computer labs for undergraduate students. A memorial stone has been laid in the memory of martyrs during the liberation war 1971. Academic seminars on various aspects are organized in the Rezaur Rahman auditorium in the A. F. Mujibar Rahman Ganit Bhaban regularly. There is a general lab with 50 modern computers for the honors students.

A grant supported by HEQEP has established a general computational laboratory with 60 modern computers, a research laboratory with 20 high performance computers. Department of Applied Mathematics organized 21st International Mathematics Conference in 2019 during 06-08 December 2019 under Bangladesh Mathematical Society.

Current Math Lab and Project Activities

The department is running a 4 year Honours syllabus in which 12 credits Math Lab is included. In the 4th year 3 credit compulsory project work has been introduced. Thesis and Non-thesis groups are optional in MS degree.

Current Number of Students

Year	Session	Number of Student
1 st Year Honours	2019-2020	91
2 nd Year Honours	2019-2020	72
3 rd Year Honours	2019-2020	71
4 th Year Honours	2019-2020	61
M.S.	2018-2019	35
Ph.D.		14

MS

Sessions	Number of Examinee	Total Passed	Percentage
MS Applied Math (Non Thesis 2018)	24	21	87.5%
MS Applied Math (Thesis 2018)	15	15	100%

Research Activities**Research activities during the period 01 – 07 – 2020 to 30 – 06 – 2021:****Professor Dr. Md. Showkat Ali**

1. M. S. Ali and A. K. M. Nazimuddin, “Slow Invariant Manifold of Brusselator Model”, I. J. Mathematical Sciences and Computing, 2020, 2, 79-87 DOI: 0.5815/ijmsc.2020.02.05

2. M. S. Ali and A. K. M. Nazimuddin “Slow Invariant Manifold Analysis in a Mitotic Model of Frog Eggs via Flow Curvature Method”, I. J. Mathematical Sciences and Computing, 2020 (On press).

Supervision:

MS Thesis: 2 under Supervision

PhD: 1 under Supervision

Prof. Dr. Mohammad Ferdows

1. Abdulaziz Alsenafi and **M. Ferdows**, Dual solution for double-diffusive mixed convection opposing flow through a vertical cylinder saturated in a Darcy porous media containing gyrotactic microorganisms, To appear, Scientific Report, 2021.

2. Jahangir Alam, M. G. Murtaza, E.E. Tzirtzilakis, Md. Shamshuddin and **M. Ferdows**, Effects of Variable Fluid Properties and Mixed Convection on Biomagnetic Fluid Flow and Heat Transfer over a Stretching Sheet in the presence of Magnetic Dipole, To appear, J of power Technology, 2021.

3. SM Chapal, **M. Ferdows**, Shariful, Kasham, M Zavid, Shahidul and Gang, Two-Phase Flow Model Based Bubble Packing Algorithm for Optimization of Multiprobe Cryosurgery, To appear, Int. Comm. Heat and mass transfer, 2021.

4. Ghulam Murtaza, Efstratios Tzirtzilakis , **M. Ferdows**, Duality of Biomagnetic fluid flow and heat transfer over a quadratic stretched sheet, J. of Power Technologies, 101, 3, 154-162, 2021.

5. Sultana Jahan, **M. Ferdows**, MD. Shaamshuddin and Khairy Zaimi, Radiative mixed convection flow over a moving needle saturated with non-isothermal hybrid nanofluid, Journal of Advanced Research in Fluid Mechanics and Thermal Sciences, 88, 1, 81-93, 2021.

6. M. G. Murtaza, M.Z.I. Bangalee, Mohammad Sahadet Hossain and **M. Ferdows**, The impact of variable fluid properties on Biomagnetic Maxwell Fluids past a stretching sheet with slip velocity and heat generation/absorption, Dhaka University Science Journal, Vol. 69, No. 2, pp. 109-115, 2021.

7. Shahina Akter, **M. Ferdows** , Tasveer A. Bég, O. Anwar Bég ,A. Kadir and Shuyu Sun, Spectral relaxation computation of electroconductive nanofluid convection flow from a moving surface with radiative flux and magnetic induction, Journal of Computational Design and Engineering , 2021.

8. Abdulaziz Alsenafi and **M. Ferdows**, Effects of Thermal Slip and Chemical Reaction on Free Convective Nanofluid from a Horizontal Plate Embedded in a Porous Media, Math Bio Sci and Eng., Vol. 18, No. 4, pp 4817-4833, 2021.

9. Adesanya, Yusuf, Rahimi and **M. Ferdows**, Thermal analysis for a gravity driven liquid film along an inclined porous substrate, Journal of the Taiwan Institute of Chemical Engineers, [Vol. 122](#), 93-97, 2021.

10. Alam Jahangir, Ghulam Murtaza, Efstratios Tzirtzilakis , **M. Ferdows**, Effect of Thermal Radiation on Biomagnetic Fluid Flow and Heat Transfer over an Unsteady Stretching Sheet, Computer Assisted Methods in Engineering and Science, doi: 10.24423/comes.327, 2021.

11. Sadia Anjum Jumana, M. G. Murtaza, **M. Ferdows**, O. D. Makinde and Khairy Zaimi, Dual Solutions Analysis of Melting Phenomenon with Mixed Convection in a Nanofluid Flow and Heat Transfer past a Permeable Stretching/Shrinking Sheet, To appear, J. of Nanofluids, 2021.

12. Abdulaziz Alsenafi, O. Anwar Bég, **M. Ferdows**, Tasveer A. Bég and A. Kadir, Numerical study of nano-biofilm station flow from a nonlinear stretching/shrinking surface with variable nanofluid and bioconvection transport properties, Scientific Report, Vol. 11, 9877, 2021.

13. **M. Ferdows** and Faris Alzahrani, Two-Dimensional thin layer convective flow with heat transfer from Magneto-hydrodynamic Uniform free convection flow driven by nonlinear stretching surface, Zeitschrift für Angewandte Mathematik und Mechanik (ZAMM), e202000103, <http://doi.org/10.1002/zamm.202000103>, 2021.

14. Alam Jahangir, Ghulam Murtaza, Efstratios Tzirtzilakis , **Mohammad Ferdows**, Biomagnetic Fluid Flow and Heat Transfer study of Blood with Gold nanoparticles over a Stretching Sheet in the presence of Magnetic Dipole, Fluids, Vol. 6, 113, 2021.

15. Rezwani, **M. Ferdows**, Md. Shamshuddin, OA Beg and A. Kadir, Computation of ferromagnetic/ non-magnetic nanofluid flow from a stretching cylinder with induction and curvature effects, Heat Transfer, [Vol. 50](#), Issue 6, 5240-5266, 2021.

16. **M. Ferdows**, MD Shamshuddin, S. O. Salawu and Khairy Zaimi, Numerical simulation for the steady nanofluid boundary layer flow over a moving plate with suction and heat generation, SN Applied Science, Vol. 3, No.2, 264, 2021.

17. K. Hoque, **M. Ferdows**, Stefan Sawall, E. Tzirtzilakis, and Michalis Xenos, The impact of haemodynamic factors in a coronary main artery to detect the atherosclerotic severity: single and multiple sequential stenoses cases, Physics of Fluids, Vol. 33, No. 3, 031903, 2021.

18. **M. Ferdows**, Faris Alzahrani and S. Adesany, Numerical Investigation of a convective boundary layer nanofluid flow with induced magnetic field, Physica A, [Vol. 570](#), 125492, 2021.

19. M.Z.I Bangalee, Mizanur Rahman, **M. Ferdows** and M.S.Islam, Numerical analysis of thermal convection in a CPU chassis, Open J of Modeling and Simulation, Vol. 9, 43-58, 2021.

20. Md. Zavid Iqbal Bangalee, Md. Mizanur Rahman, **Mohammad Ferdows** and Khairy Zaimi, Numerical Optimization of a CPU Heat Sink Geometry, CFD Letters, Vol. 13, No. 3, 1-15, 2021.

21. **M. Ferdows**, MD Shamshuddin, Khairy Zaimi, Computation of Steady Free Convective Boundary Layer Viscous Fluid Flow and Heat Transfer towards the Moving Flat subjected to Suction/Injection Effects, CFD Letters, Vol. 13, No. 3, 16-24, 2021.

22. M.Z.I. Bangalee, **M. Ferdows** and Roushanra Begum, Numerical computation of natural ventilation system at different floor for a multistory building, Int. J. of Scientific and Engineering Research, Vol. 12, No. 3, 420-431, 2021.

23. O. D. Makinde, S. O. Adesanya and **M. Ferdows**, A Note on the Hydromagnetic Blasius Flow with Variable Thermal Conductivity, Journal of Applied and Computational Mechanics, Vol. 7, No. 2, 2021.

24. **M. Ferdows**, Numerical simulation of Al₂O₃ -Cu-H₂O mixtures hybridization of heat transfer activities of nanofluid materials, World congress on carbon and advanced energy materials, Sydney, Australia, June 22-23, 2021.

25. Jahangir Alam, M. G. Murtaza and **M. Ferdows**, Biomagnetic flow past an inclined stretched cylinder by the presence of Magnetohydrodynamic and Ferrohydrodynamic, Proceedings of the 10th International Conference on Engineering and Natural Sciences, Siirt University, Turkey, 16-18 May, 2021.

26. K. E. Hoque, Sabrina Rashid and **M. Ferdows**, Computed tomography angiography imaging approach of pulsatile flow behavior in cardiovascular disease, Proceedings of the 10th International Conference on Engineering and Natural Sciences, Siirt University, Turkey, 16-18 May, 2021.

27. **M. Ferdows**, Visualization of Carbon Dioxide-Water Molecular System, Proceedings of the International Hazardous Scientific Researchers Conference, Baku, Azerbaijan, April 10-12, 2021.

28. Sadia Anjum Jumana and **M. Ferdows**, Finite Difference Solution of Blasius Problem and Heat Transfer Under Biomagnetic Fluid, Proceedings of the International Hazardous Scientific Researchers Conference, Baku, Azerbaijan, April 10-12, 2021.

29. Nayema Islam Nima and **M. Ferdows**, Dual solution for mixed convection flow through non-isothermal inclined cylinder containing gyrotactic microorganism, Proceedings of the 4th World Virtual Conference on Applied Sciences and Engineering Applications In conjunction with The 6th International Symposium on Fluid Mechanics and Thermal Sciences, Malaysia, March 27-28, 2021.

30. Sultana Jahan, **M. Ferdows**, MD. Shamshuddin and Khairy Zaimi, Effects of solar radiation and viscous dissipation on mixed convective non-isothermal hybrid nanofluid over moving thin needle, Proceedings of the 4th World Virtual Conference on Applied Sciences and Engineering Applications In conjunction with The 6th International Symposium on Fluid Mechanics and Thermal Sciences, Malaysia, March 27-28, 2021.

31. O. Anwar Bég, Tasveer A. Bég, Henry J Leonard, Ali Kadir, W.S. Jouri, **M. Ferdows**, F. Alzahrani, Spectral computation of slip magnetofluid dynamics from a chemically reacting stretching permeable polymer surface in porous media with variable thermophysical and mass diffusion properties, 15th International Symposium on numerical analysis of fluid flows, heat and mass transfer - Numerical Fluids, Rhodes, Greece, Sep 17-23, 2020. **Supervision:**

MS Thesis: 2 under Supervision

PhD: 8 under Supervision

Dr. Liton Kumar Saha

Associate Professor

1. Sadia Afsana, , Md. Mamun Molla, Preetom Nag, **Litan Kumar Saha** and Sadia Siddiqa, MHD Natural Convection and Entropy Generation of non-Newtonian Ferrofluid in a Wavy Enclosure, *International Journal of Mechanical Sciences*, **198**, 106350, (2021) .

2. Nepal Chandra Roy, **Litan Kumar Saha**, M. A. Hossain and R. S. R. Gorla, Blood flow in a stenotic artery with temperature-dependent viscosity, *Heat Transfer*, **50(2)**, 1590-1611, (2021).

3. Nepal Chandra Roy, Farjana Yesmin, Litan Kumar Saha and Sadia Siddiqa, Electrohydrodynamics natural convection flow of nanofluids in a rectangular cavity enclosed by a corrugated bottom surface, *Fluid Dynamics Research*, 53(1), 015512, (2021) .

4. Nandita RaniBala, Shujit KumarBala, **Litan Kumar Saha**, Md Anwar Hossain, Influence of undulating wall heat and mass flux on MHD natural convection boundary layer flow from a vertical wall, *Heat Transfer*, **50(1)**, 818-848, (2021).

5. **Litan Kumar Saha**, Shujit Kumar Bala, Nepal Chandra Roy and M. M. Molla, Numerical simulation of natural convection of dusty nanofluids within a curve-shaped enclosure, *AIP Advances*, **10(10)**, 1-16, (2020).

6. Nepal Chandra Roy, **Litan Kumar Saha** and M. Sheikholeslami, Heat transfer of a hybrid nanofluid past a circular cylinder in the presence of thermal radiation and viscous dissipation, *AIP Advances*, 10(9), 1-12, (2020).

Supervision:

MS Thesis: 2 under Supervision

Dr. Md. Zavid Iqbal Bangalee

Associate Professor

1. S. M. Chapal Hossain, M. Ferdows, M.S. Alam, **M.Z.I. Bangalee**, K. Memon, M.S. Islam, G. Zhao. Two-phase flow model based bubble packing algorithm for optimization of multiprobe cryosurgery. *International Communications in Heat and Mass Transfer*, 127 (2021) 105515. (SCIE, IF: 5.683, Publisher: Elsevier).

2. M. G. Murtaza, **M.Z.I. Bangalee**, Mohammad Sahadet Hossain and M. Ferdows, The impact of variable fluid properties on Biomagnetic Maxwell Fluids past a stretching sheet with slip velocity and heat generation/absorption, *Dhaka University Science Journal*, Vol. 69, No. 2, pp. 109-115, 2021.

3. **M.Z.I Bangalee**, Mizanur Rahman, M. Ferdows and M.S.Islam, Numerical analysis of thermal convection in a CPU chassis, *Open J of Modeling and Simulation*, Vol. 9, 43-58, 2021.

4. **Md. Zavid Iqbal Bangalee**, Md. Mizanur Rahman, Mohammad Ferdows and Khairy Zaimi, Numerical Optimization of a CPU Heat Sink Geometry, *CFD Letters*, Vol. 13, No. 3, 1-15, 2021.

5. **M.Z.I. Bangalee**, M. Ferdows and Roushanra Begum, Numerical computation of natural ventilation system at different floor for a multistory building, *Int. J. of Scientific and Engineering Research*, Vol. 12, No. 3, 420-431, 2021.

Supervision:

MS Thesis: 2 under Supervision

PhD: 2 under Supervision

Dr. S. M. Chapal Hossain

Assistant Professor

1. **S. M. Chapal Hossain**, M. Ferdows, M.S. Alam, M.Z.I. Bangalee, K. Memon, M.S. Islam, G. Zhao. Two-phase flow model based bubble packing algorithm for optimization of multiprobe cryosurgery. *International Communications in Heat and Mass Transfer*, 127 (2021) 105515. (SCIE, IF: 5.683, Publisher: Elsevier)

Mr. Md. Mijanur Rahman

Assistant Professor

1. **Rahman, M. M., & Rani, M. S. R.** (2020). A Novel Compartmental Model for Analysis and Projection of COVID-19 Dynamics in Bangladesh. *Advances in Research*, 21(9), 14-28. <https://doi.org/10.9734/air/2020/v21i930228>

Md. Shorif Hossan

Lecturer

1. **Hossan, M. S., Shahadat, A., & Islam, M. S.** (2020). Numerical Solutions of Black-Scholes Model by Du Fort-Frankel FDM and Galerkin WRM. *International Journal of Mathematical Research*, 9(1), 1-10.

Department of Theoretical and Computational Chemistry (2017)

Chairman

Professor Dr. Md. Saiful Islam

Professor

Dr. Md. Saiful Islam

Associate Professor

Dr. Tapas Debnath

Assisant Professor

Dr. Md. Alauddin

Part-Time Teacher

(1) Dr. Litan Kumar Saha; (2) Dr. Md. Abdul Matin; (3) Dr. Mohammed Abdul Aziz; (4) Dr. Md. Habibul Bahar.

Number of students

Class	Number of students
Ph.D.	03
M.Phil.	01
M.S. (session : (2018-2019))	27
M.S. (session : (2019-2020))	23

এম. এস. পরীক্ষা-২০১৯ (সেশন : ২০১৮-২০১৯) এর ফলাফল (প্রক্রিয়াধীন)

STATISTICS OF THE RESULT

ENROLMENT		ABSENT	PRESENT	PASSED	PERCENTAGE
Male	15	-	-	-	-
Female	12	-	-	-	-
Total	27	-	-	-	-

এম. এস. পরীক্ষা-২০২০ (সেশন : ২০১৯-২০২০) এর ফলাফল (ক্লাস চলমান)

STATISTICS OF THE RESULT

ENROLMENT		ABSENT	PRESENT	PASSED	PERCENTAGE
Male	15	-	-	-	-
Female	8	-	-	-	-
Total	23	-	-	-	-

Activities

The term theoretical chemistry may be defined as the mathematical description of chemistry. The term computational chemistry is usually used when a mathematical method is sufficiently well developed that it can be automated for implementation on a computer to solve chemical and biochemical problem.

Computational chemistry is a natural outgrowth of theoretical chemistry, the traditional role of which involves the establishment of a conceptual understanding and quantitative characterization for the chemical sciences, particularly at the atomic and molecular levels.

Computational chemistry programs are used for:

- calculating the molecular properties such as structure of molecules, energy, dipole moment, electronic charge, and spectroscopic measurements and so on.
- performing simulation to macromolecular systems such as nucleic acids, lipids and proteins, or system of large number of molecules like gases, liquids and liquid crystals
- drug design, design of new catalysts, chemical synthesis, reaction mechanism studies, and design of novel materials.

Theoretical and Computational Chemistry is a fast growing area of modern chemistry. It is capable of interfacing with the other teaching and research areas in chemistry, physics, biochemistry, pharmaceutical chemistry, material science etc.

Computational chemistry teaching and research is currently active in most countries, including developed and developing countries. However, computational chemistry teaching and research is not yet active in Bangladesh. Considering the significance of the study of Theoretical and Computational Chemistry in the 21st century, the University of Dhaka authorities have created the Department of Theoretical and Computational Chemistry.

List of computational software's currently available in the Department of Theoretical and Computational Chemistry:

1. Gaussian 16 (Windows)
2. Gaussian 16 (Linux)
3. GaussView 6
4. VASP

List of publications (2020-2021)

Dr. Tapas Debnath

Associate Professor

Published articles

1. Mohammad Abdul Matin, Md. Aftab Ali Shaikh, Md. Anwar Hossain, Md. Alauddin, Tapas Debnath and Mohammed Abdul Aziz : The Effects of Oxidation States and Spin States of

Chromium Interaction with Sargassum Sp.: A Spectroscopic and Density Functional Theoretical Study, Green and Sustainable Chemistry (impact factor:1.27), vol.11 Scientific Research Publishing Inc., pp.125-141, 2021.

2. Shahenur Alam Sakib, Mohammad Forhad Khan, Mohammad Arman, Faisal Bin Kader, Mohammad Omar Faruk, Shaifullah Mansur Tanzil, Tapas Debnath, Md. Areeful Haque, Simone Brogi : Computer-Based Approaches for Determining the Pharmacological Profile of 5-(3-Nitro-Arylidene)-Thiazolidine-2,4-Dione, *Biointerface Research in Applied Chemistry*, Volume 11, Issue 6, 2021, 13806 - 13828 <https://doi.org/10.33263/BRIAC116.1380613828>

Dr. Md. Alauddin

Assistant Professor

Published articles

1. Md. Khorshed Alam, Md. Alauddin, Alamgir Kabir and Hedong Zhang : Effect of Nitrogen Incorporation and Ultraviolet Irradiation on Interactions of Perfluoropolyether with Carbon Surfaces using Quantum Chemical Study, Journal of Bangladesh Chemical Society, vol.33, no.01 Bangladesh Chemical Society, pp.Accepted, 2021.
2. Md. Alauddin : DFT and TDDFT studies of structural, thermodynamic, spectroscopic and electronic properties of capped phenylalanine, Journal of Bangladesh Chemical Society, vol.33, no.01 Bangladesh Chemical Society, pp.Accepted, 2021.
3. Mohammad Abdul Matin, Md. Aftab Ali Shaikh, Md. Anwar Hossain, Md. Alauddin, Tapas Debnath and Mohammed Abdul Aziz : The Effects of Oxidation States and Spin States of Chromium Interaction with Sargassum Sp.: A Spectroscopic and Density Functional Theoretical Study, Green and Sustainable Chemistry (impact factor:1.27), vol.11 Scientific Research Publishing Inc., pp.125-141, 2021.

4. Dr. Md. Alauddin, Madhusudan Roy, Sang Hwan Nam, Jae Kye Song and Seung Min Park : Structure of Mono-Hydrated Aniline Dimer Cation, Bulletin of the Korean Chemical Society (impact factor:0.969), vol.42, no.2, pp.188-192, 2021.
5. Dr. Md. Alauddin, Dr. Md. Masud Parvez, Dr. Md. Khorshed Alam and Dr. Mohammad A. Matin : Infrared photodissociation spectroscopy of isolated adenine-thymine base pair, Journal of the Bangladesh Chemical Society, vol. 32, no.1 & 2 Bangladesh Chemical Society, pp.55-59, 2020.

Faculty of Law (1921)

The Faculty of Law of the University of Dhaka began its journey from the foundation of the University in 1921. Since then the Faculty of Law has been contributing enormously towards the legal education in this country. Until 1973 it offered a two-year LL.B evening programme. During the 1973-1974 session, it introduced a three-year LL.B. Honours course. The duration of this course was subsequently extended to four years since the 1977-1978 academic session. During the 1976-1977 session, one-year LL.M. course was introduced. The Faculty offers two research degrees in Law, namely, M.Phil. and Ph.D. Currently two M.Phil. students are pursuing their research under the Faculty of Law.

In the 2004-2005 session, a new revised syllabus was introduced in the Department of Law for the students of LL.B. (Honours). Under the new syllabus, the marks for the subjects offered in the undergraduate program have been increased from 1700 to 2300. The grading system was introduced from session 2010-2011, which included 2200 marks equivalent to 132 credits against 24 subjects offered at the undergraduate level and 100 marks equivalent to 6 credits against four viva-voce exams taken at the end of each year, in-total 2300 marks equivalent to 138 credits. During the 2005-2006 session, Master of Laws (General &

Specialized) Course was introduced in lieu of the previous LL.M. Course 'A'. Other than the general Masters course, six specialized Masters courses were introduced. Now both General and Specialized Masters Degrees are offered at the Master's level. The specialized Masters programme offers:

- i. Master of Laws in International Law (INL)
- ii. Master of Laws in Human Rights Law (HRL)
- iii. Master of Laws in Comparative Law (CPL)
- iv. Master of Laws in Commercial Law (CML)
- v. Master of Laws in International and Comparative Law (ICPL)
- vi. Master of Laws in Gender in Law (GNL)
- vii. Master of Laws in International Criminal Law (ICL)

Currently 49 subjects are offered in the Master of Laws (General & Specialized) Course. Under the grading system effective from session 2010-2011, 500 marks equivalent to 30 credits against 5 subjects that a student has to undertake and viva-voce and Research Monograph together comprising 100 marks equivalent to 6 credits, in total 600 marks equivalent to 36 credits are required to obtain the LLM degree.

The total number of students in the Faculty at both undergraduate and Master's level during the 2020-2021 session is 584.

Dhaka University Moot Court Society

A. 1st Virtual Intra – Department Moot Court Competition: DUMCS hosted the 1st Virtual Intra-Department Moot Court Competition from 13th November 2020 to 15th November 2020. 18 teams from 2nd, 3rd and 4th year participated in the competition.

B. Skill Development Sessions- Dhaka University Moot Court Society Annual Workshop: Skill development sessions titled “Deciphering Moot Court” held on 6th November 2020.

Participation in National Competition:

1. 2nd Professor Shah Alam Constitutional Law Virtual Moot Court Competition, (25th June, 2021 – 27th June, 2021): DUMCS team emerged as the Champion and also won the Best Memorial Awards, and the Rebellious Lawyer award.
2. 5th National Rounds of Philip C. Jessup International Law Moot Court Competition (11th February, 2021 – 13th February, 2021): DUMCS team emerged as Champion, also won the Best Memorial and the Best Mooter Awards.
3. 1st Professor Shah Alam Constitutional Law Virtual Moot Court Competition, (21st August, 2020 – 23rd August 2020): DUMCS team qualified to the quarter-final round and won the Best Memorial (Applicant) Award.

Participation in International Competitions

1. 62nd International Rounds of Philip C. Jessup International Law Moot Court Competition, 2021 (9th March 2021- 18th April 2021): DUMCS participated in Preliminary and Exhibition Rounds.
2. Monroe E. Price Media Law Moot Court Competition, South Asian Regional Rounds (12th February 2021-14th February 2021, New Delhi, India): The DUMCS team qualified for the global rounds.
3. Monroe E. Price Media Law Moot Court Competition, International Rounds, (12th April 2021- 16th April 2021): The DUMCS team participated in the preliminary rounds.
4. 6th Professor Madhava Menon SAARCLAW Mooting Competition and Law Students' Conference 2021, Delhi, India (19th March, 2021 – 21st March, 2021): The DUMCS team participated in the preliminary rounds.
5. The 19th Red Cross International Humanitarian Law Moot Court Competition for the Asia-Pacific Region 2021 (11th March, 2021- 14th March, 2021): The DUMCS team participated in the preliminary rounds and won the 2nd honorable submission (Defense Memorial).

6. International Criminal Court Moot Court Competition 2021 (6th June, 2021- 27th June, 2021): The DUMCS team participated in the preliminary rounds.
7. 6th NLIU -Justice R.K. Tankha Memorial International Arbitration Moot, 2021 (5th March, 2021 – 7th March, 2021): The DUMCS team participated in the preliminary rounds.
8. 14th NLS Trilegal Arbitration Moot Competition 2021 - Virtual (20th May, 2021 – 23rd May, 2021): The DUMCS participated in the preliminary rounds and won the Spirit of the Moot Award.

*** Due to the COVID-19 pandemic, all national and international moot court competitions during this period were held virtually. ***

Law Clinic

Law clinic is an important part of the clinical legal education programme in the Department of Law of the University of Dhaka. Department of Law, University of Dhaka is implementing the 'Law Clinic' program in partnership with Bangladesh Legal Aid and Services Trust (BLAST) for the students with a view to make them acquainted with practical aspects of legal education in the bar and benches besides their academic studies within the classroom. Law clinic aims to help the students to develop key skills which lawyers have to possess. This includes client interviewing skills, management of a law firm, marshalling of facts, arts of examination and cross examination, civil and criminal procedure in practice, and different laws in action. They are trained by mock trial in a room with real court-room-look. Apart from the law clinic sessions, court visit is a very important component of the law clinic. Experience gained from work in 'real life' situations motivate students and invigorate their appetite for legal practice. The Clinic is designed to provide students with an opportunity to learn and practice legal skills under the supervision of experienced judges, practitioners and academics.

Centre for Advanced Legal Studies (CALs):

In order to promote advanced legal research, Centre for Advanced Legal Studies (CALs) has been established upon approval of the Syndicate, dated 16-08-2017. Dr. Mizanur Rahman, Professor of law department, has

been appointed as the Director of the Centre. The following four research projects has been undertaken by the CALS:

SI No.	Research Topics	Name of Researchers
1.	An evaluation of the role of the Supreme Court of Bangladesh in protecting human rights recognized in the Constitution: From 1972 to 2018	Dr. Muhammad Ekramul Haque Professor, Department of Law University of Dhaka
2.	Human Rights Obligations into BITs: The Changing Paradigm	Dr. Rumana Islam Associate Professor Department of Law University of Dhaka
3.	The Muslim Conception of International Law and the Western Perspective: is the internal struggle of Moderate Muslim countries like Bangladesh and their role in the world be understood from the perspective of Muslim international law?	Dr. Chowdhury Ishrak Ahmed Siddiky Associate Professor Department of Law and Human Rights University of Asia Pacific
4.	Gender-Based Violence during Disasters in the Coastal Region of Bangladesh and Legal Support: A Rights Based Analysis	Dr. Nahid Rezwana Associate Professor Department of Geography & Environment University of Dhaka and Ms. Arpeeta Shams Mizan Assistant Professor Department of Law University of Dhaka

Dhaka University Law Journal

The Faculty of Law publishes a journal annually titled '*Dhaka University Law Journal (The Dhaka University Studies Part-F)*'. Dean, Faculty of Law Professor Dr. Md. Rahmat Ullah is the *ex officio* Editor of the Journal.

Currently the number of teachers in the Faculty is 38.

In the academic year 2020-2021, Professor Dr. Md. Rahmat Ullah is the Dean of the Faculty of Law.

Department of Law (1921)

Chairman

Professor Dr. Md. Nazrul Islam

Professor

(1) Mizanur Rahman, LLM (Hons.), D in Journalism, PGD in Legal Studies (Distinction), MCL, Ph D; (2) Taslima Monsoor, LLM, Ph D (London), Commonwealth Post-Doctoral Fellow (London), Fulbright Fellow (USA); (3) Sumaiya Khair, LLM, Ph D (UK), Commonwealth Post-Doctoral Fellow (London); (4) Borhan Uddin Khan, LLM, LL.M. in Public International Law (L,S,E, London), Ph D (London); (5) Shahnaz Huda, LLM, Ph D (UK), Commonwealth Post-Doctoral Fellow (London); (6) Naima Huq, LLM, Ph D (UK); (7) Md. Nazrul Islam (Asif Nazrul), LLM, Ph D (London), Commonwealth Post-Doctoral Fellow (London), CDG, Fellow (Germany), Chairman; (8) Liaquat Ali Siddiqui, LLM, LLM (L,S,E, London); (9) Md Rahmat Ullah, LLM (Hons.), Baku State University (Azerbaijan), Ph D (Keyv State University), Dean; (10) S M Hasan Talukder, LLM, Ph D; (11) Nakib Muhammad Nasrullah, LLM, LLM (International Law) (Australia), M Phil (Australia), Ph D (Australia); (12) Md Khurshid Alam, LLM; (13) Mohammad Towhidul Islam, LLM, LLM (UK), Ph D (Australia); (14) Muhammad Ekramul Haque, LLM, Ph D (Australia); (15) Mohammad Nazmuzzaman Bhuian, LLM, Ph D (London); (16) Farmin Islam, LLM, Ph D (UK); (17) Shima Zaman, LLM, LLM (Washington), Ph D (Australia); (18) Sheikh Hafizur Rahman, LLM, LLM (Switzerland); (19) Mohammed Ridwanul Hoque, LLM, LLM

(Cambridge), Ph D (London), [Leave]; (20) Jamila Ahmed Chowdhury, LLM, Ph D (Australia); (21) Muhammad Mahbubur Rahman, LLM, Ph D (London); (22) Rumana Islam, LLM, LLM (Cambridge), Ph D (UK).

Associate Professor

(1) Gobinda Chandra Mandal, LLM; (2) Salim Mahmood, LLM, Ph D (UK); (3) Quazi Mahfujul Hoque Supan, LLM; (4) Dalia Pervin, LLM, LLM (Cambridge); (5) Arif Jamil, LLM, LLM (University of Turin), Ph D (Italy); (6) Raushan Ara, LLM, Ph D; (7) Farzana Akter, LLM, Ph D (Belgium); (8) Syed Masud Reza, LLM, LLM (London), [Leave]; (9) Taslima Yasmin, LLM, LLM (University College, London) (UK); (10) Md Jobair Alam, LLM, Ph D (Sydney).

Assistant Professor

(1) Moha: Waheduzzaman, LLM, [Leave]; (2) Arpeeta Shams Mizan, LLM, [Leave]; (3) A B M Ashrafuzzaman, LLM, LLM (USA), (4) Sharawat Shamin, LLM; (5) Mohammad Golam Sarwar, LLM.

Lecturer

(1) Shirin Sultana, LLM, [Leave]; (2) Priyanka Bose Kanta, LLM, [Leave].

Number of Students

Year & Class	Session	Total Number of Students
1 st Year LLB (Hons.)	2019-2020	166
2 nd Year LLB (Hons.)	2019-2020	179
3 rd Year LLB (Hons.)	2019-2020	106
4 th Year LLB (Hons.)	2019-2020	133
Master of Laws (General & Specialized)	2019-2020	115
Mphil 1 st Part	2019-2020	00
Ph D	2019-2020	02

Grand Total = 701

Result of Examinations

Year & Class	No. of Examinees	System of Results (Grading/Class)	Total Passed	Percentage
1 st Year LLB (Hons.) 2020	166	Result has been Published in Grading System	164	98.80%
2 nd Year LLB (Hons.) 2020	178	Result has been Published in Grading System	173	97.19%
3 rd Year LLB (Hons.) 2020	105	Result has been Published in Grading System	105	100%
4 th Year LLB (Hons.) 2020	133	Result has been Published in Grading System	133	100%
Master of Laws (General & Specialized) 2020	115	Result has been Published in Grading System	112	97.39%

Research Activities

Taslima Monsoor

1. "Empowerment of Women and Law Department the Development of Muslim Law" Law Commission Journal 2021, pp 65-79.

2. 'Legal system in Asia: A Short Guide,' (Korea, 2021). published in 2020 and the chapter on Bangladeshi Legal System was written by me has been translated in Korean Language by Korea Legislation Research Institute. (<https://www.kogl.or.kr/info/license.do#05-tab>)

Present work in progress

1. Impact of Gender on Custody, Guardianship and Adoption: A Comparative Study of Bangladesh and Malaysia- a book being edited to be

published by Department of Law University of Malaya, Kuala Lumpur, Malaysia.

2. Justice Abu Md. Abdullah's judgements and his philosophy: Perspectives from 80 judgements a book to be published.

Academic activities such as editing of scientific journals may be mentioned here.

Acted as Ph.D. SUPERVISOR and recommended the thesis of Ms. Syeda Afroza Zerín entitled "Legal and judicial responses to Muslim mothers right to guardianship in Bangladesh" for the award of the degree of Doctor of Philosophy (Ph.D.) in Law from University of Dhaka, Bangladesh. Which was APPROVED by the Syndicate on 8th March 2021.

Mohammad Towhidul Islam

Book Chapters

1. Mohammad Towhidul Islam, 'International Mechanism for Resolution of Conflicts in Intellectual Property Rights for Establishing Peaceful Global Order' in M. Afzal Wani (ed) *Principal Foundations for Global Peace: A Way Forward for Better Future* (Institute of Objective Studies, New Delhi, 2021) (with co-author Md. Azhar Uddin Bhuiyan) (forthcoming).
2. Mohammad Towhidul Islam, 'Commercialization of Intellectual Properties in Bangladesh: Options and Challenges' in Pinaki Ghosh, Shambhu Prasad Chakrabarty and Jayanta Ghosh (eds) *Inclusive Wealth Generation through IP Commercialization* (Thomson Reuters, India, 2021) (with co-author Md. Azhar Uddin Bhuiyan) (forthcoming).

Journal Articles

1. Mohammad Towhidul Islam, 'Protection of Unregistered Well-Known Trademarks: The Bangladeshi Trademarks Regime Revisited' 32 Dhaka University Law Journal (with co-author Md. Jahid-Al-Mamun) (forthcoming)

2. Protection of Copyright and Accessing Education Materials at Low Prices: Finding a Sustainable Solution for Bangladesh 32 Dhaka University Law Journal (with co-author Md. Jahid-Al-Mamun) (with co-author Moniruzzaman) (forthcoming)
3. Mohammad Towhidul Islam, 'Dealing with the Mailbox Dilemma: Tryst with the TRIPS and Bangladesh's Pharmaceutical Patent Law' (2021) 11(4) Queen Mary Journal of Intellectual Property (with co-author Md. Azhar Uddin Bhuiyan) (forthcoming).

Miscellaneous academic publications such as popular Articles, textbook.

Encyclopedia

1. Mohammad Towhidul Islam, 'Intellectual Property Treaties and Bangladesh' in Muhammad Ekramul Haque (ed), Bangladesh in Seokwoo Lee (ed), *Encyclopedia of Public International Law in Asia [EPILA]* (Volume 1, ISBN: 978-90-04-38877-2, BRILL NIJHOFF, 2021).
2. Mohammad Towhidul Islam, 'Paris Convention for the Protection of Industrial Property' in Muhammad Ekramul Haque (ed), Bangladesh in Seokwoo Lee (ed), *Encyclopedia of Public International Law in Asia [EPILA]* (Volume 1, ISBN: 978-90-04-38877-2, BRILL NIJHOFF, 2021).
3. Mohammad Towhidul Islam, 'Bern Convention for the Protection of Literary and Artistic Works' in Muhammad Ekramul Haque (ed), Bangladesh in Seokwoo Lee (ed), *Encyclopedia of Public International Law in Asia [EPILA]* (Volume 1, ISBN: 978-90-04-38877-2, BRILL NIJHOFF, 2021).
4. Mohammad Towhidul Islam, 'Agreement on Trade-Related Aspects of Intellectual Property' in Muhammad Ekramul Haque (ed), Bangladesh in Seokwoo Lee (ed), *Encyclopedia of Public International Law in Asia [EPILA]* (Volume 1, ISBN: 978-90-04-38877-2, BRILL NIJHOFF, 2021).
5. Mohammad Towhidul Islam, 'Convention on Biological Diversity' in Muhammad Ekramul Haque (ed), Bangladesh in Seokwoo Lee (ed),

Encyclopedia of Public International Law in Asia [EPILA] (Volume 1, ISBN: 978-90-04-38877-2, BRILL NIJHOFF, 2021).

6. Mohammad Towhidul Islam, 'International Convention on Plant Genetic Resources for Food and Agriculture' in Muhammad Ekramul Haque (ed), Bangladesh in Seokwoo Lee (ed), Encyclopedia of Public International Law in Asia [EPILA] (Volume 1, ISBN: 978-90-04-38877-2, BRILL NIJHOFF, 2021).

Present work in progress

Book Chapters

1. 'Realizing the Right to Property and Land Rights under the Constitution of Bangladesh: Myths and Realities'.
2. 'Mitigating Climate Change and North-South Divide under International Law with Reference to Technology Transfer and Intellectual Property Rights' (with co-author Md. Azhar Uddin Bhuiyan).

Journal Articles

1. 'Renters' Protection in Bangladesh during the COVID-19 Pandemic under the Rights' Fabric of the Constitution: Options and Challenges' (with co-author Md. Jahid-Al-Mamun)
2. 'Revisiting the Customs Act 1969 in line with WCO's International Convention on the Simplification and Harmonization of Customs Procedures 1974' (with co-author Md. Khurshid Alam)

Faculty of Business Studies (1970/1995)

The Faculty of Business Studies, as it stands now, has a long history. The Department of Commerce was established under the Faculty of Arts, University of Dhaka in the year 1921. This Department emerged as an independent Faculty in 1970 with only two Departments – the Department of Management and the Department of Accounting. The Department of Marketing and the Department of Finance were created in 1974. The

semester system was introduced in this Faculty from the session 1977-1978. The Faculty of Commerce was renamed as the Faculty of Business Studies in 1995. During 1994-95, the names of the B.Com. (Hons.) and M.Com degrees were changed to BBA and MBA degrees respectively. From the same academic session, the 4-year BBA Program was introduced in place of 3-year B.Com. (Hons) Program. The one-year M.Com. Program was also renamed as MBA Program. During the year 2004, two more Departments were created under this Faculty namely, the Department of Banking and the Department of Management Information Systems (MIS). During the academic session 2007-2008, two other Departments were also added to this Faculty namely, the Department of Tourism & Hotel Management and the Department of International Business as per resolution of the Syndicate of the University Dhaka dated 20.10.2006 and 19.02.2007. Later on two Departments were renamed as Department of Tourism & Hospitality Management instead of Department of Tourism & Hotel Management and Department of Banking & Insurance instead of Department of Banking. During the year 2016, one more Department was created under this Faculty namely, the Department of Organization Strategy and Leadership as per resolution of the Syndicate of the University Dhaka dated 21.06.2016. At present there are 230 teachers, 32 officers and 165 employees and around 8,500 students in the 9 Departments under the Faculty of Business Studies.

The MBA (Evening) Program started functioning under this Faculty in February, 2002. At present a total of 540 students are being admitted (per batch 60 students in each Department) in this Program.

The DBA (Doctor of Business Administration) Program started functioning under this Faculty in October, 2014. At present a total of 60 students are being admitted in the 1st, 2nd, 3rd, 4th, 5th, 6th and 7th batch in this Program.

Prof. Dr. Muhammad Abdul Moyeen of the Department of Organization Strategy and Leadership is performing the responsibility as Dean of the Faculty from 17 May 2020.

Development Activities of the Faculty of Business Studies during the session 2020-2021

1. An amount of Tk. 82,800/- was spent for purchasing of Computer for the office of the Dean and servicing of Computer of the Faculty office.

2. An amount of TK. 17,68,189/- was spent for different development works of the Faculty.
3. An amount of Tk. 62,021/- was spent for purchasing and repairing of spare parts of Electricity of the Faculty of Business Studies.
4. An amount of Tk. 36,101/- was spent for purchasing and installing, repairing the Sanitation and Cleaning goods of the Faculty of Business Studies.
5. An amount of Tk. 4,13,000/- was spent for different fund (including scholarship) of the Faculty of Business Studies.
6. An amount of Tk. 5,10,400/- was spent for Servicing & Repairing of spare parts of Server and A/C of the Faculty.
7. An amount of Tk. 39,295/- was spent for burnishing of the various bhaban of Faculty of Business Studies.
8. An amount of Tk. 72,492/- was spent for repairing of the boundary of the Faculty of Business Studies.

Department of Management (1970/2001/2012)

Chairman

Professor Dr. Faruq Ahmed, M.Com., Ph.D. (Aligarh, India)

Professor

(1) Syed Golam Maola, M.Com., Ph.D. (Bradford, England); (2) Md. Ali Akkas, M.Com., MBA (AIT, Thailand); (3) Faruq Ahmed, M.Com., Ph.D. (Aligarh, India); (4) Md. Mosharrif Hossain, M.Com., Ph.D.; (5) Musfiq Mannan Choudhury, MBA, Ph.D. (Durham, UK); (6) Mohammad Toufiqul Islam, MBA, Ph.D. (Ritsumeikan University, Japan); (7) Rubina Maleque, M.Com.; (8) Sumon Das, MBA (Accounting), Ph.D. (Durham, UK); (9) Nadia Newaz Rimi, MBA, Ph.D. (Malaysia); (10) A F M Abdul Moyeen, M.Com., Ph.D. (Starling, UK).

Associate Professor

1) Md. Mesbah Uddin, MBA, Ph.D. (Durham, UK); (2) Mohammad Abdul Jabber, MBA; (3) Tahmina Khanam, MBA, MBA (RIT, New York, USA); (4) Saira Banu, MBA, MIM (Strathclyde).

Assistant Professor

(1) Monika Chakraborty, MBA; (2) Kazi Raihan Uddin, MBA; (3) Ethica Tanjeen, MBA [Study leave]; (4) Nadia Ahmed, MBA [Study leave]; (5) Qazi Moinuddin Mahmud, MBA [Study leave]; (6) Shah Ridwan Chowdhury, MBA [Study leave]; (7) Tanuza Nath MBA; (8) Israt Jahan Kumkum, MBA, MSc EIT (Strathclyde); (9) Mehanaj Afrin, MBA; (10) Anannay Chakma, MBA; (11) Nur Nahar Yasmin, MBA [Study leave]; (12) Sabnam Jahan, MBA, Ph.D.

Lecturer

(1) Masnoon Salehin, MBA; (2) Lamiya Rahman; MBA.

Part-Time Teacher:

(1) Professor Dr. Aftab Ali Sheikh; (2) Professor Dr. Abdul Hannan Miah.

Students Guidance & Consults:

The following three teachers are currently involved in discharging the responsibilities of students' guidance and counseling. They are: i) Dr. Musfiq Mannan Choudhury ii) Mrs. Saira Banu, and (iii) Ms. Tanuza Nath.

Number of students

Class	Batch	Session	Number of students (with re-admission)
1 st Year BBA	26 th	2019-2020	213
2 nd Year BBA	25 th	2019-2020	224
3 rd Year BBA	24 th	2019-2020	204
4 th Year BBA	23 rd	2019-2020	202
MBA Program	22 nd	2019-2020	200

Examination Results

Year and Class	No. of Examinees	Passed	Percentage
BBA 22 nd Batch-2019	206	199	96.60%

Note: Management Department follows the Grading Systems in preparing the results of different examinations of different programs.

List of Publications**Prof. Md. Ali Akkas**

Contemporary Issues in Human Resource Management, ADS Printing Press, Dhaka, March, 2021.

Bangabandhu Sheikh Mujibur Rahman: A Charismatic leaders special volume on Mujib's Birth century, Bureau of Business Research, D.U, June, 2021.

Department of Accounting & Information Systems (1970/2002)

Chairman

Professor Dr. Riazur Rahman Chowdhury (29.04.2018-28.04.2021)

Professor Dr. Muhammad Abdul Moyeen (Acting) (29.04.2021-29.05.2021)

Professor Dr. Tahmina Khatun (from 30.05.2021)

Professor

(1) Mamtaz Uddin Ahmed, M.Com, CMA (Bangladesh), MBA; (2) Md. Abdul Hakim, M.Sc. MBA (Brunel, UK); (3) Riazur Rahman Chowdhury, M.Com., Ph.D (Dundee, UK); (4) Thamina Khatun, MSS, Economics, M.A. (ANU, Canberra, Australia), M.A. (Hawaii, USA), Ph.D., Post Doctoral Fellow (University Sains, Malaysia); (5) Dhiman Kumar Chowdhury, M.Com., CMA (Bangladesh), Ph.D (Lancaster, UK);

(6) Md. Maksudur Rahman Sarker, M. Com., CMA (Bangladesh), MBA, (New Brunswick, Canada); (7) Mahmuda Akter, M.Com., MSc. & Ph.D (Tasukuba, Japan) [on leave]; (8) Mahfuzul Hoque, M.Com, MSc. & Ph.D (Tasukuba, Japan); (9) Md. Nazim Uddin Bhuiyan, M. Com., CMA (Bangladesh); (10) Swapan Kumar Bala, M.Com., Ph.D, CMA (Bangladesh); (11) Md. Monzur Morshed, MSc. (Computer Science & Engineering, BUET), M.Sc (ICT Waseda, Japan); Ph.D (CS, Staffordshire, UK); (12) Md. Sharif Hossain, M.Sc, M.A. in Econ., Ph.D (Kyushu, Japan); (13) Md. Mizanur Rahman, M.Com., M.P.P. (GRIPS Japan), Ph.D (GRIPS, Japan) [on deputation]; (14) Md. Hamid Ullah Bhuiyan, M.Com., Ph.D (Latrobe, Australia); (15) Md. Yousuf Kamal, MBA, M.S. Ph.D (Melbourne, Australia) [on leave]; (16) Mohammad Tareq, MBA, MBA (Tsukuba, Japan) Ph.D (RMIT Australia).

Associate Professor

(1) Sadia Afroze, M.Com.; (2) Minhaj Ferdous, B.Eng. (CSE, MUET, Sindh, Pakistan), MBA (Wales, UK), Ph.D. (Honkong) (3) Amirus Salat, MBA, M.Sc. (Ryerson, Canada); (4) Al-Amin, MBA; (5) Tanzina Haque, MBA, CMA (Bangladesh), M.S. (Melbourne, Australia); (6) Rumana Ahmed, MBA; (7) Dewan Mahboob Hossain, M.Com., M.Com. (Western Sydney, Australia), M.H.S. & Ph.D. (IIUM, Malaysia); (8) Bilkis Akhter, MBA, CMA (Bangladesh); (9) Moshahida Sultana, B.S.S. (M.E.T., Turkey), MA (NEU, USA), M.S.S. (MIT, USA) [on leave]; (10) Mohammed Mehedi Masud Mozumder, MBA, CMA (Bangladesh), Ph.D. (Tohoku, Japan), [on leave]; (11) Ranjan Kumar Mitra, MBA, CMA (Bangladesh), Ph.D. (Kobe, Japan); (12) Md. Musfiqur Rahman, MBA, CMA (Bangladesh), Ph.D. (Kobe, Japan); (13) Md. Saiful Alam, MBA, CMA (Bangladesh), M.Sc. (Manchester, UK), Ph.D. (Glasgow, UK); (14) Mohammad Moniruzzaman, MBA, CMA (Bangladesh), CA (Bangladesh) Ph.D (Essex, UK); (15) Kawsar Jahan, M.Sc. in (Statistics); (16) Ishtar Mahal, MBA, RMS (Extra Maduro, Spain); (17) Md. Jamil Sharif, MBA, CMA (Bangladesh), Ph.D. (Tohoku, Japan).

Assistant Professor

(1) Mazharul Anwar, M.Sc in (Math.); (2) Fatema-Tuz-Zohra, MBA, M.Sc (Manchester, UK) [on leave]; (3) Nusrat Jahan, MBA, MSA (Fulbright Scholar, USA) [on leave]; (4) Tahmina Ahmed, MBA, M.Acc. (Ohio,

USA) [on leave]; (5) Md. Saha Alam, MBA; (6) Md. Ahasan Uddin, MBA; (7) Jannatul Naima, MBA, [on leave]; (8) Md. Mahedi Hasan, MBA; (9) Mohammad Saif Uddin Bhuiyah, MBA; (10) Md. Rezaul Karim, MBA; (11) Anup Kumar Saha, MBA, Ph.D (Durham,UK); (12) Hasina Begum, MBA.

Lecturer

Ahmed Rizvan Hasan, MBA.

Number of Students

Class	No. of Students
BBA 1 st Year 2 nd Semester (26 th Batch)	221
BBA 2 nd Year 2 nd Semester (25 th Batch)	218
BBA 3 rd Year 2 nd Semester (24 th Batch)	203
BBA 4 th Year 2 nd Semester (23 rd Batch)	184
MBA 2 nd Semester (22 nd Batch)	200
EMBA	175
M.Phil	02
Ph. D	02
DBA Program	-
MPA Program	99
MAT Program	82

Result Published

	Pass	Percentage
BBA Final Year (22 nd Batch)	216	96.86%
MBA Final Year (21 st Batch)	194	99.48%

Project Paper Program

During the academic year to impart practical training on Accounting & Information Systems a Project Paper / an internship program of six weeks duration is arranged for the BBA students, and an internship program of three months duration was arranged for the MBA students in the different business organizations of the country. This program was run and evaluated under the joint supervision of the teachers of the department and the assigned officers of the concerned organization. The primary objectives of these programs were to impart the students a general idea about the total

activities of the organization and to able them to present a report on any one topic of the organization.

Performance of different administrative assignments

In the academic year Prof. Mamtaz Uddin Ahmed was the Treasurer of this University; Prof. Dr. Tahmina Khatun & Prof. Dr. Dhiman Kumar Chowdhury were the Program Director (EMBA); Prof. Dr. Swapan Kumar Bala was the Program Director of MPA Program; Prof. Md. Nazim Uddin Bhuiyan was the Program Director of MAT Program; Prof. Dr. Tahmina Khatun was the Chairman, M. Phil. & Ph. D. Committee (from 2017...), Prof. Dr. Swapan Kumar Bala was the Program Director of Regular MBA (22nd Batch), Mr. Al-Amin, Ms. Rumana Ahmed, Ms. Kawsar Jahan & Bilkish Akther served as the students' councilors of the department. Dr. Md. Musfiqur Rahman was House Tutor of A. F. Rahman Hall, Ms. Hasina Begum, Assistant Professor, was House Tutor of Kawait Matree Hall, Mr. Rezaul Karim, Assistant Professor, was House Tutor of Kabi Jashim Uddin Hall & was in-charge of Departmental Sports Teacher.

Publication of Year 2020-2021

Professor Dr. Swapan Kumar Bala, FCMA

Personal Attainment

- Working as the Member (Honourary), National Advisory Board (NAB) for Impact Investing in Bangladesh, headed by Secretary, Economic Relations Division (ERD), Ministry of Finance, Government of Bangladesh (on-going since August 2018 as the representative of a regulatory body; thereafter as an academician since April 2020).

Invited Speaker/Discussant

- Invited Panel Speaker at session Breakout 4C on "Impact: Up-skilling the unemployed," held on 10 Sept 2020 in the 'Virtual GSG Global Impact Summit 2020' moderated from London and organized by Global Steering Group for Impact Investment (GSG) on 9 to 11 Sept. 2020.
- Invited Discussant in the RCAPS Current Research Seminar on "Inflicted Costs of Covid-19 and Some Emerging Global Issues," (Chair: Prof. Chung Mo Koo, Kangwon National University, South

Korea; Paper presenter: Prof. Munim K. Barai, Ritsumeikan Asia Pacific University, Japan) organized by Ritsumeikan Centre for Asia Pacific Studies (RCAPS) of Ritsumeikan Asia Pacific University (APU), held on 14 January 2021 in Osaka, Sapporo, Tokyo, Japan (through Webinar).

- Invited Discussant at the 2nd Research Seminar on “Ownership Structure and Real Earnings Management: An Empirical Study on Emerging Economy,” held on 28 February 2021 organized by Bangladesh Institute of Capital Market (BICM); paper presented by Dr. Nitai Chandra Debnath, Professor at BICM.

Publications

Research Articles

1. Bhowmik, Ranjan Kumar and **Swapan Kumar Bala** (2020c), “Corona-Affected National Budget 2020-2021 and Changes in the Income Tax Laws,” *The Cost and Management* (Journal of the ICMAB, Dhaka; ISSN 1817-5090), Vol. 48, No. 4, July-August 2020, pp. 4-26.
2. **Bala, Swapan Kumar** and Md. Abdur Rouf (2021), “Central Value Added Tax Registration in Bangladesh: An Appraisal,” *The Cost and Management* (Journal of the ICMAB, Dhaka; ISSN 1817-5090), Vol. 49, No. 3, March-April 2021, pp. 4-13.
3. **Bala, Swapan Kumar** (2021), “State Financial Gatekeeping and Accountability: Bangabandhu’s Dream and Present Reality,” *Special Volume on Mujib’s Birth Century, 2021* (special publication by Bureau of Business Research, University of Dhaka; ISBN 978-984-35-1179-9), June 2021, pp. 55-98.
4. Bhowmik, Ranjan Kumar and **Swapan Kumar Bala** (2021), “Second National Budget during the Pandemic and Revisions in the Income Tax Laws,” *The Cost and Management* (Journal of the ICMAB, Dhaka; ISSN 1817-5090), Vol. 49, No. 3, May-June 2021, pp. 4-25.

Seminar Paper

1. Bala, Swapan Kumar (2021), “Budget 2021-22: Reactions from Bangladesh Accounting Association,” paper presented at the Webinar on National Budget 2021-2022 held on 17 June 2021 organized by

Bangladesh Accounting Association (BAA), Chaired by Prof. Dr. M. Harunur Rashid.

Newspaper Article

1. Bala, Swapan Kumar (2021), “Centrally registering the VAT & a critique,” *The Financial Express* (an English daily published from Dhaka), May 6, 2021, p. 4.

Publications of Professor Dr. Md. Sharif Hossain during 2020-21

[1]: Hossain, Md. S., Mitra, R., and Abedin, Md. T. (2020). Effects of Hartals on Economic Growth in Bangladesh: A Bounds Testing Approach to Cointegration Analysis. *The Empirical Economics Letters* 19(6), 601-612. <https://www.researchgate.net/publication/342882983> <http://www.eel.my100megs.com/volume-19-number-6.htm>, Indexed by AEA, JEL on CD, EconLit, Cabell’s Directory, ISI. ERA. ABDC: C, July 2020.

[2]: Chowdhury, A.A., Hossain Md. S., Abedin, M.T., (2020). Macroeconomics and Taxation: Towards an Effective Tax Policy. *Journal of Business and Economic Perspectives*, Vol. XLVII(2), 90-125, ABDC: C. Fall/Winter. 2020.

[3]: Hossain, Md. S., and Rahaman, Md. M. (2021). The Post COVID-19 Global Economy: An Econometric Analysis. *IOSR Journal of Economics and Finance*, 12(1), 22-43. <https://www.iosrjournals.org/iosr-jef/papers/Vol12-Issue1/Ser-6/D1201062243.pdf>, DOI: 10.9790/5933-1201062243, <https://www.researchgate.net/publication/349278560>, Impact Factor Calculated by AQCF-3.58, Indexed by ANED-DDL, Cabell Publishing, Inc., CrossRef, EBSCO, Google Scholar, Jour Informatics, SAO/NASA, J-Gate, Ulrich’s™, February 2021.

[4]: Hossain, Md. S., (2021). Impacts of COVID-19 on Bangladesh Economy: Is the Post COVID-19 Bangladesh Economy Risky? *Journal of European Economy*, Vol 20, No. 1(76), 42-68. DOI: <https://doi.org/10.35774/jee2021.01.042>,

<http://jeej.wunu.edu.ua/index.php/enjee/article/view/1498>, Indexed by American Economic Association (AEA), Index Copernicus (IC), Ekonomika, The European Science Foundation, JEL, Cross Ref., and

EconLit, ICI Journals Master List / ICI World of Journals, Google Scholar, March 2021.

[5]: Abedin Md., T., Mitra, R., Sen, K.K., & Hossain, Md. S. (2021). Exchange Rate and Stock Market Development in Bangladesh. *Economics Bulletin*, Vol. 41(2), 201-212. <https://ideas.repec.org/a/ebl/ecbull/eb-21-00131.html>, Indexed in CODEN, JSTOR, LCCN, MIAR, NLM, OCLC, ESCI, Scopus. SJR: H-Index 25, Overall Rank: 18354, ABDC: C, April 2021.

Publications of Amirus Salat during 2020-21

1. Factors affecting business graduates' employability—empirical evidence using partial least squares (PLS), *Education + Training*, Vol. 62 No. 3, 2020, pp. 292-310.
2. Climate Change Disclosures in the Annual Reports: A Study on the MNCs in Bangladesh, *The Bangladesh Accountant*, January-March 2020
3. Climate Change and Global Warming Disclosure Trends in Bangladesh: A Study on Cement and Pharmaceutical & Chemical Industry, *International Journal of Accounting and Financial Reporting* Vol 10, No 4 (2020)

Dr. Anup Kumar Saha

Papers Published

1. Saha, A.K. and Demirag, I. (2021). Roles of Accountants and Scientists in the Assurance of Greenhouse Gas Statements, K. T. Çalıyurt (ed.), *Ethics and Sustainability in Accounting and Finance*, Volume III, Accounting, Finance, Sustainability, Governance & Fraud: Theory and Application, in press, https://doi.org/10.1007/978-981-33-6636-7_14.
2. Yoon, D., Rashid, M., Saha, A.K. and Choudhury, T. (2021). Contagion risk: Cases of Islamic and Emerging Market Banks, *International Journal of Islamic and Middle Eastern Finance and Management*, <https://doi.org/10.1108/IMEFM-11-2020-0555>.
3. Saha, A.K., Dunne, T. and Dixon, R. (2021). Carbon Disclosures, Carbon Performances and Green Reputation of Higher Educational Institutions in UK, *Journal of Accounting and*

Organisation Change. *ABS, ABDC, Scopus indexed, Available at <https://doi.org/10.1108/JAOC-09-2020-0138>*.

4. Saha, A.K., Al-Shaer, H., Dixon, R. and Demirag, I. (2020), Determinants of Carbon Emission Disclosures and UN Sustainable Development Goals: The Case of UK Higher Education Institutions, *Australian Accounting Review*, 31(2), 79-107. *ABS, ABDC, Scopus indexed, Available at <https://doi.org/10.1111/auar.12324>*.
5. Bakkar, Y., Nilavongse, R., and Saha, A.K. (2020), Spillovers of the US Real Uncertainty and Financial Uncertainty on Euro-area Exports. *Applied Economics Letters*. *ABS, ABDC, Scopus indexed, Available at <https://doi.org/10.1080/13504851.2020.1808166>*.

Department of Marketing (1974)

Chairman

Professor Dr. Md. Mizanur Rahman

Professor

(1) A.N.M. Sayeedul Haque Khan, MCom, PhD (Strathclyde, UK); (2) Haripada Bhattacharjee, MCom, DhE (York, UK), PhD (Jadavpur, India); (3) Mijanur Rahman, MCom, PhD (Aligarh, India); (4) Razia Begum., MCom, PhD; (5) Md. Ashraf Islam Chowdhury, MCom, MSc (Surrey, UK), PhD; (6) Zakir Hossain Bhuiyan, MCom, PhD (Aligarh, India); (7) Anisur Rahman, MCom, PhD (Jadavpur, India); (8) Md. Mizanur Rahman, MCom, MBA (Dalhousie, Canada), PhD; (9) Mubina Khondkar, MCom, PhD (Manchester, UK), Postdoctoral fellow (Cambridge, UK); (10) ABM Shahidul Islam, MCom, MPhil (Strathclyde UK), PhD; (11) Serajul Hoque, MCom, PhD (Osnabrueck, Germany); (12) Samir Kumar Sheel, MCom, PhD; (13) Md. Masudur Rahman, MCom, MBA (Salford, UK), PhD (Wales, UK); (14) Abu Naser Ahmed Ishtiaque, MCom, PhD; (15) Md Morshed Hasan Khan, MCom, PhD (Jadavpur, India); (16) Md. Abul Kalam Azad, MCom, PhD (Pune, India); (17) Imrana Yasmin, MCom,

MIB (Melbourne, Australia), PhD; (18) Md. Moktar Ali, MSc, MBA (Wales,UK), PhD; (19) Aatur Rahman, MCo,m, MPhil, PhD. (20) Nasrin Akter, MBA, MIB (Melbourne, Australia), PhD (RMIT, Australia); (21) Muhammad Ismail Hossain, MBA, MIB (Melbourne, Australia), PhD (Monash, Australia); (22) Sheheli Parvin, MBA, Master of Business (Research) (Technology, Australia), PhD, (23) Mohammad Anwar Hossain, MBA, PhD.

Associate Professor

(1) Mahmud Ullah, MCom; (2) Moutushi Tanha, MBA, MSc (Nottingham,UK) [On leave]; (3) Md Razib Alam, MBA, MAsc & PhD (Waterloo, Canada); (4) Rafiuddin Ahmed, MBA, MIB (Melbourne, Australia), PhD (La Trobe, Australia); (5) Md. Nazmul Hossain, MBA, PhD (Kyushu, Japan); (6) Abureza Mohammad Muzareba, MBA, PhD (Sheffield, UK); (7) Koushik Prashad Pathak, MBA, MA in Int. & Dev. Economics (Applied Science, Germany) [On leave]; (8) Muhammad Intisar Alam, MBA, Master of Marketing (Monash, Australia) [On leave].

Assistant Professor

(1) Usmita Afrose, MBA, MIRHR (Toronto, Canada) [On leave]; (2) Shahin Ahmed Chowdhury, MBA, MSM (Ryerson, Canada) [On leave]; (3) Afreen Choudhury, MBA, MIB (Sydney, Australia) [On leave]; (4) Nuzhat Nuery, MBA, MSc (Worcester, UK) [On leave]; (5) Ali Mohammad Kowsar, MBA; (6) Md. Ashraf Harun, MBA, MSc (Leeds,UK); (7) Sigma Islam, MBA, MSc (Nottingham, UK) [On leave]; (8) Md. Imrul Jobaid, MBA, MSc (Lincoln, UK); (9) Shadrul Hassan Himel, MBA, MSc (Nottingham, UK) [On leave]; (10) Jita Majumder, MBA, MSc (Glasgow, UK).

Lecturer

(1) Rucsar Jabin, MBA; (2) Md. Tanvir Alam Himel, MBA; (3) Shahrin Ashraf, MBA.

Honorary Professor

Professor A.K. Fazlul H. Shah, MA, MBA & PhD (Northeastern, USA).

Number of Present Students

Years and Classes	Numbers
1st Year BBA (26 th Batch)	225
2 nd Year BBA (25 th Batch)	224
3rd Year BBA (24 th Batch)	214
4th Year BBA (23 rd Batch)	215
MBA Program (22 nd Batch)	202
MBA (Evening)	210
M Phil	8
Ph D	3
MPM	200
Total	1501

Examination Results

Year & Class	Examinees	Passed	Percentage
BBA 22 nd Batch	221	201	90.95%
MBA 21 st Batch	176	171	97.16%

Note: The Department follows the Grading System.

Internship Program

In the BBA & MBA programs, each student has to undergo an Internship training compulsorily. This is a requirement for a Degree. Under this program, the student has to conduct applied research work in marketing and related areas and submit the report to the respective teacher-supervisor, which is evaluated and graded by the faculty members.

Co-curricular/Extra Curricular Activities

The Department of Marketing encourages its students to interact with each other and to engage in extra curricular activities. The students of different years have organized cultural functions on different occasions.

Department of Finance (1974)

Chairman

Professor Shabbir Ahmad, M.Com. M.S. in Finance (University of Baltimore, USA)

Professor

(1) M. Khairul Hossain, M.Sc. in Eco. Ph.D. (Plekhanov Russian University of Economics); (2) M. Sadiqul Islam, M.Com., MBA (University of Saskatchewan), Ph.D. (University of Athens), FCMA; (3) Mahmood Osman Imam, M.Com., MBA (K.U Leuven), Ph.D. (K.U Leuven), FCMA; (4) A. A. Mahboob Uddin Chowdhury, M.Com., M. Eco. (University of Nagoya), Ph.D.; (5) M. Masud Rahman, M.Com., Ph.D. (University of Aligarh); (6) Kismatul Ahsan, M.Com., MBA (Western Michigan University), Ph.D.; (7) Mohammad Jahangir Alam Chowdhury, M.Com., Ph.D. (University of Sterling); (8) H. M. Mosarof Hossain, M.Com., Ph.D.; (9) Ms. Nausheen Rahman, M. Com., MBA (University of Canberra); (10) Ms. Khaleda Khatun M.Com.; (11) Gazi Muhammad Hasan Jamil MBA, M.S in Finance, MBA (Texas A&M University) Ph.D. (Concordia University).

Associate Professor

(1) Ms. Samia Sultana Tani, MBA; (2) Ms. Shabnaz Amin, MBA, MBA (University of Brandies); (3) Ms. Pallabi Siddiqua, MBA; (4) Muhammad Saifuddin Khan, MBA, Ph.D. (University of Technology Sydney); (5) Ms. Nusrat Khan, MBA, MS (St. John's University); (6) Mr. Md. Mukhlesur Rahman, MBA, M.Sc (University of Strathclyde).

Assistant Professor

(1) Ms. Mahbuba Lima, MBA; (2) Tahmina Akter, MBA, Ph.D. (University of Kebangsaan); (3) Mr. Mohammad Salahuddin Chowdhury, MBA, FCA; (4) Dr. Sheikh Tanzila Deepty, MBA, Ph.D. (University of Strathclyde); (5) Mr. Hussain Ahmed Enamul Huda, MBA, M.Sc (University of Saskatchewan); (6) Mr. Md. Sajib Hossain, MBA, MSF (Syracuse University); (7) Mr. Md. Imran Hossain, MBA, MAF (Monash University); (8) Mr. Md. Saimum Hossain, MBA, CFA; (9) Mohd. Anisul Islam, MBA, MSF (University of Warwick); (10) Mr. Md. Tanvir Hasan, MBA.

Lecturer

(1) Mr. Kazi Golam Rabbani Mowla, MBA; (2) Mr. Rashik Amin, MBA; (3) Mr. Sharfuddin Ahmed, MBA; (4) Mr. Muhammad Farid Hossain Patwary MBA.

Faculty on leave

(1) Prof. Dr. Shaikh Shamsuddin Ahmed, M.Com. Ph.D (University of Birmingham) (Deputation from 20/05/2020); (2) Mr. Mohammed Abdullah Al Mamun, MBA (D.U.), M.Sc (Monash University); (3) Ms. Tazrina Farah, MBA (D.U.); (4) Ms. Shakila Halim, MBA (D.U.), M.Sc (University of Strathclyde); (5) Mr. Taher Jamil, MBA (D.U.), M.Sc (University of Strathclyde); (6) Mr. Md. Shehub Bin Hasan, MBA (D.U.), MSc (University of Leicester); (7) Ms. Maria Hossain Sochi, MBA (D.U.), CFA, MS (Auburn University); (8) Ms. Junnatun Naym, MBA (D.U.), MBA (Eastern Illinois); (9) Muhammad Kamrul Hasan, MBA (D.U.); (10) Mr. Khairul Alam Siddique, MBA (D.U.).

Number of the Students & Class

Class	Number
BBA 26 th Batch 1 st year	240
BBA 25 th Batch 2 nd year	200
BBA 24 th Batch 3 rd year	210
BBA 23 rd Batch 4 th year	220
MBA 22 nd Batch	170

Student Counselors

(1) Dr. Gazi Mohammad Hasan Jamil, Professor, Department of Finance, (D.U.); (2) Dr. Muhammad Saifuddin Khan, Associate Professor, Department of Finance, (D.U.); (3) Ms. Nusrat Khan, Professor, Associate Department of Finance, (D.U.)

Internship Program

After completion of the BBA & MBA Program the students are required to complete three months Internship Program.

Examination System

All Programs are offered under semester system and results are published using CGPA System.

List of Publication/Published 2020-2021**Taher Jamil Assistant Professor**

Equity Market Liberalization and Stock Return Behaviour: Evidence from Emerging and Frontier Economics

[Journal of Finance & Banking Volume 15-18, Number 1 & 2, June-December 2020]

Dr. Muhammad Saifuddin Khan, Associate Professor

Day-of-the-Week Effect on Market Return, Volatility and Trade Volume: Evidence from Dhaka Stock Exchange (DSE)

[Journal of Finance & Banking Volume 15-18, Number 1 & 2, June-December 2020]

Nausheen Rahman, Professor

The Role of Human Capital Development in Attaining Economic Growth: Evidence from Bangladesh

[Journal of Finance & Banking Volume 15-18, Number 1 & 2, June-December 2020]

Mohammad Salahuddin Chowdhury, Assistant Professor

The Effects of Psychological Factors on Investment Decision Making of Investors: An Empirical Study from Bangladesh.

[Journal of Finance & Banking Volume 15-18, Number 1 & 2, June-December 2020]

Md. Tanvir Hasan, Assistant Professor

Empirical Investigation on the Relationship among Budget Deficit, Inflation, and Money Supply: Evidence from Bangladesh, India, Pakistan and Sri Lanka.

[Journal of Finance & Banking Volume 15-18, Number 1 & 2, June-December 2020]

Pallabi Siddiqua, Associate Professor & Md. Shehub Bin Hasan, Assistant Professor

Alternative Monetary Policy in the UK and US: An Evaluation

[Dhaka University Journal of Business Studies Volume XLI No 2 August 2020]

Samia Sultana Tani, Associate Professor & Md. Tanvir Hasan, Assistant Professor

The Impact of Information Technology on Performance of Banks: Evidence from Commercial Banks in Bangladesh

[Dhaka University Journal of Business Studies Volume XLI No 2 August 2020]

Department of Banking and Insurance (2004)

Chairman

Professor Dr. Md. Main Uddin, M.B.A., Ph.D. (Tohoku University)

Professor

(1) M. Muzahidul Islam, M.Com; (2) Md. Rafiqul Islam, M.Sc, MBA, Ph.D.; (3) Shibli Rubayat-UI-Islam, M.Com [On Deputation]; (4) Md. Abu Taleb, M.Com; (5) Hasina Sheykh, M.Com, MBA (Maastricht School of Management), Ph.D. (The University of Western Australia); (6) Md. Shahidul Islam, MBA, Ph.D. (Tohoku University); (7) Abdullah Al Mahmud, MBA, Ph.D. (Brandeis University); (8) Naheed Rabbani, MBA, Ph.D. (Nagoya University).

Associate Professor

(1) Raad Mozib Lalon MBA, Ph.D.; (2) Mohammad Ariful Islam, MBA, M.Sc (University of Strathclyde); (3) Md. Nazmul Hasan, MBA, M.Sc (The University of Manchester).

Assistant Professor

(1) Md. Jahir Uddin Palas, MBA, M.Sc (The University of Edinburgh) [On study leave]; (2) Aftab Uddin Mahmud Chowdhury, MBA, M.Sc (University of Glasgow) [On study leave]; (3) Md. Tanvir Hamim, MBA, M.Sc (University of Nottingham) [On study leave]; (4) Md. Asif Nawaz, MBA, M.Sc (The University of Nottingham) [On study leave]; (5) Tasneema Khan, MBA [On study leave]; (6) Maimuna Akter, MBA, M.Sc (Illinois State University) [On study leave]; (7) Sadia Noor Khan, MBA [On study leave]; (8) Bipasha Barua, MBA; (9) Shagufta Shaheen, MBA, M.Sc (City, University of London); (10) Benazir Imam Majumder, MBA, M.Sc (City, University of London); (11) Sabiha Farzana Moonmoon, MBA (North Carolina State University).

Lecturer

(1) Afrin Sultuna, MBA; (2) Md. Khaled Bin Amir, MBA; (3) Md. Golam Ramij, MBA.

Number of Students

<u>Year and Class</u>	<u>Number</u>
BBA 27 th Batch 1 st Year	157
BBA 26 th Batch 2 nd Year	166
BBA 25 th Batch 3 rd Year	168
BBA 24 th Batch 4 th Year	166
BBA 23 rd Batch 4 th Year	158
MBA 22 nd Batch	144
MBA (Evening) Program	225
Professional Program	155
M.Phil	1
PhD	22

Total = 1362

Internship Program: On completion of the courses of BBA and MBA programs in the Department of Banking and Insurance, three-month long internship program is required to obtain the degree. It is mandatory for the students as this program helps them to gather practical knowledge along with theoretical understanding in banking and insurance. The students are supervised by their respective supervisor and on submission of their report, they are evaluated and graded by the faculty members of the Department.

Curricular and Extra-Curricular Activities: The Department of Banking and Insurance encourages its students to interact with each other and to engage in extra-curricular activities. The students of this Department usually arrange various cultural functions on different occasions. Banking and Insurance Club provides enormous opportunities for the students to involve in a wide range of extra-curricular activities like debate, quiz competition, case competition and so forth. Students also take part in inter-hall or inter-department sports competition of the university. The Department organizes an orientation cum-reception for the new students on a regular basis. There is at least one annual picnic arranged by the Department, which is a festive outing for the students, teachers and staff.

Professor Dr. Abdullah Al Mahmud, Director, MBA (Evening) Program, Prof. Dr. Hasina Sheykh, Director, MPB Program, BBA Program and Student Advisor, Prof. M. Muzahidul Islam, Director, MIRM Program, Prof. Dr. Md. Rafiqul Islam, Director, MTM Program and Internship Placement, Director

Examination Results

<u>Year and Class No. of Examinees</u>	<u>Passed</u>	<u>Percentage</u>
BBA 2018-2019	145	144
MBA 2018-2019	111	111
		99.31%
		100%

Prof. Dr. Md. Shahdul Islam

Islam M. S. and Ramij M. G. “Firm-Specific and Macroeconomic Determinants of Default Loans in Commercial Banks: Panel Evidence from Bangladesh” *Journal of Banking & Financial Services*, vol.12, no.2, pp.3-25, December 2020.

Prof. Dr. Naheed Rabbani

The ‘Sell in My’ Effect: Evidence from the Dhaka Stock Exchange. *Journal of Banking & Financial Services*, vol.12, no.1, pp.77-91, June 2021.

Raad Mozib Lalon, Associate Professor

Lalon R. M. “Firm-Specific Determinants of Profitability of Non-life Insurance companies in Bangladesh”. *Journal of Banking & Financial Services*, vol.12, no.1, pp.57-75, June 2021.

Mohammad Ariful Islam, Associate Professor

Islam M. A. and Shaheen S. “A Study on Students’ Background and Their Performance at Tertiary Level Business Programs.” Dhaka University *Journal of Business Studies* Vol. XLI, No. 3, December 2020

Md. Nazmul Hasan, Associate Professor

Hasan M. N and Khan N. S “Factors Influencing the Adoption of Crop Insurance in Bangladesh: A Survey Analysis” *Journal of Banking & Financial Services*, vol.12, no.2, pp.97-124, December 2020.

Sadia Noor Khan, Assistant Professor

Khan N. S and Hasan M. N “Factors Influencing the Adoption of Crop Insurance in Bangladesh: A Survey Analysis” *Journal of Banking & Financial Services*, vol.12, no.2, pp.97-124, December 2020.

Md. Asif Nawaz, Assistant Professor

Nawaz M. A. “Impact of the Qualities of Sharia’h Supervisory Board Members on Cost Efficiency of Bangladeshi Islamic Banks”. *Journal of Banking & Financial Services*, vol.13, no.1, pp.31-56, June 2021

Shagufta Shaheen, Assistant Professor

Shaheen S. and Islam M. A. “A Study on Students’ Background and Their Performance at Tertiary Level Business Programs.” Dhaka University *Journal of Business Studies* Vol. XLI, No. 3, pp.249-268 December 2020

Benazir Imam Majumder, Assistant Professor

Majumder B. I. and Moonmoon F. S. “Predicting Financial Distress of the Islamic Banking Sector of Bangladesh” *Journal of Banking & Financial Services*, vol.12, no.2, pp.55-69, December 2020.

Sabiha Farzana Moonmoon, Assistant Professor

Moonmoon F. S. and Majumder B. I. “Predicting Financial Distress of the Islamic Banking Sector of Bangladesh” *Journal of Banking & Financial Services*, vol.12, no.2, pp.55-69, December 2020.

Afrin Sultana, Lecturer

Sultana A. and Hossain M. I. “Impacts of Financial Literacy and Materialism on Savings Decisions of Business Students: Evidence from Faculty of Business Studies, University of Dhaka” *Journal of Banking & Financial Services*, vol.12, no.2, pp.125-144, December 2020.

Md. Khaled Bin Amir, Lecturer

Amir M. K. B. “Banker Attitudes and Perception towards Green Banking: An Empirical Study on Conventional Banks in Bangladesh” *Finance & Banking studies, IJFBS*, Vol 10, No. 2, ISSN: 2147-4486

Md. Golam Ramij, Lecturer

Ramij M. G. and Islam M. S. "Firm-Specific and Macroeconomic Determinants of Default Loans in Commercial Banks: Panel Evidence from Bangladesh" Journal of Banking & Financial Services, vol.12, no.2, pp.3-25, December 2020.

Department of Management Information Systems (2005)

Chairman

Professor Dr. Md. Akram Hossain

Professor

(1) Professor Dr. Md. Abdul Hannan Mia, M.Com, FCMA (Dhaka), PhD; (2) Mr. Mohammad Moqbul Hossain Bhuiyan, M.Com, M.B.A (Otaru, Japan); (3) Mr. Md. Abul Kashem, M.Com; (4) Dr. M Helal Uddin Ahmed, M.Sc, MBA (Dundee, UK), PhD (South Korea); (5) Dr. Md. Akram Hossain, MBA, PhD, Post-Doctoral (Portugal); (6) Dr. K. M. Salahuddin, M.Sc. PhD (Japan).

Associate Professor

(1) Rabeya Sultana, MBA, MS (Sweden), Ph.D. (South Korea); (2) Md. Rakibul Hoque, MBA, Ph.D. (China); (3) Mohammad Anisur Rahman, MBA, MBA (USA), Ph.D. (China); (4) Ashis Talukder, M.Sc, Ph.D. (South Korea).

Assistant Professor

(1) Ms. Nymatul Jannat Nipa, MBA; (2) Mr. Md. Fahami Ahsan Mazmum, MBA; (3) Mr. Md. Rakibul Hasan, MBA; (4) Mr. Asif Imtiaz, MSS (Economics), M.Sc (U.K).

Lecturer

(1) Ms. Hamida Akhter, MBA; (2) Mr. Md. Tuhinur Rahman, MBA.

Part-Time Teacher

(1) Professor Dr. Subrata Kumar Adita, Department of Electrical & Electronic Engineering, DU; (2) Professor Dr. Md. Aminul Islam, Department of Physics, DU; (3) Professor Dr. Abdul Basir, Department of

Islamic History & Culture, DU; (4) Professor Md. Ferdous Hossain, Department of Political Science, DU.

Teacher on Leave

(1) Mr. Mohammad Tariqul Islam, MBA; (2) Ms. Farjana Parvin Chowdhury, MBA, MS (UK); (3) Mr. Abu Naser Mohammad Saif, MBA; (4) Mr. Md. Ariful Islam, MBA; (5) Ms. Jakia Sultana, MBA, MS (UK); (6) Ms. Nehad Laila Sanju, MBA.

Student List

Year & Class	No of Students
MBA (11 th Batch) (2019-20)	126
MBA (12 th Batch) (2020-21)	123
1 st Year BBA (16 th Batch) (2020-21)	131
2 nd Year BBA (15 th Batch) (2019-20)	127
3 rd Year BBA (14 th Batch) (2018-19)	125
4 th Year BBA (13 th Batch) (2017-18)	127

Examination Result

Year & Class	No of Students	Total Pass	Percentage of pass
BBA (1 st Batch)	64	64	100%
BBA (2 nd Batch)	62	61	98.39%
BBA (3 rd Batch)	71	71	100%
BBA (4 th Batch)	71	71	100%
BBA (5 th Batch)	78	78	100%
BBA (6 th Batch)	78	75	96%
BBA (7 th Batch)	96	94	98%
BBA (8 th Batch)	97	97	100%
BBA (9 th Batch)	116	116	100%
BBA (10 th Batch)	127	126	99.21%
BBA (11 th Batch)	125	123	98.40%
BBA (12 th Batch)	125	123	98.40%

Year & Class	No of Students	Total Pass	Percentage of pass
MBA (1 st Batch)	47	47	100%
MBA (2 nd Batch)	60	56	93.33%
MBA (3 rd Batch)	63	62	96.83%

MBA (4th Batch)	70	68	97.14%
MBA (5th Batch)	78	78	96.15%
MBA (6th Batch)	76	72	94.74%
MBA (7th Batch)	89	88	98.88%
MBA (8th Batch)	93	92	98.92%
MBA (9th Batch)	107	104	97.20%
MBA (10th Batch)	107	104	97.20%

Curricular and Extra-Curricular Activities

The Department of MIS encourages its students to interact with each other and to engage in extracurricular activities. The students of different years have organized cultural functions of different occasions. Students arranged Training Program, Seminar, Symposium and picnic. All BBA Batch Students publish Wall MagazineS. The department organizes an orientation program cum reception for incoming students regularly. Department organizes a Seminar on Practitioner view on MIS.

Research Activities

Departmental Journal “Bangladesh Journal of MIS”, Volume 7 No. 1, December 2015 published from Department and “Bangladesh Journal of MIS”, Volume 9 is going to be published soon.

Departmental Server “MIS Server” and server biased class rooms are already running and recently the Department of Management Information Systems (MIS) has introduced an apps full departmental automation system through launching MIS Automation System. The automation system has several modules like Students, Faculty, Administration, and Alumni to convert manual activities of the department into an online platform which covers all activities from students’ enrollment to result publications. Student biased apps will start very soon.

List of Research & Publications of the Faculty Members: (July 2019-June 2020)

Professor Dr. Md. Akram Hossain

1. “Investigating factors influencing the physicians’ adoption of electronic health record (EHR) in healthcare system of Bangladesh: An empirical study” International Journal of Information Management; Vol 44, (October 2018) pp.76-87 (Elsevier Publishing); [ISSN 0268-4012]
2. *An Insight into the Bilateral Readiness towards Tele-medicine”* Health and Technology; Vol 9, Issue 4 (May 2019) pp.471-486 (Springer Publishing); [ISSN 2190-7188]

Dr. Md. Rakibul Hoque

1. An empirical investigation of the relationship between e-government development and the digital economy: the case of Asian countries. *Journal of Knowledge Management*. Volume 22, Issue 5 (July, 2018), pp.76-100, IF: **4.604** (SSCI), ISSN: 1367-3270, Publisher: Emerald Publishing Limited.
2. Factors affecting cloud ERP adoption in Saudi Arabia: An empirical study. *Information Development*. Volume 35, Issue 1 (January, 2019), pp.150-164. IF: 1.265 (SSCI), ISSN: 0266-6669, Publisher: Sage Publications.
3. Women Using Mobile Phones for Health Communication Are More Likely to Use Prenatal and Postnatal Services in Bangladesh: Cross-Sectional Study. *JMIR mHealth and uHealth*. Volume 7, Issue 2 (February, 2019), IF: 4.301 (SCIE), ISSN 2291-5222, Publisher: JMIR.
4. Big Data Based m-Health Application to Prevent Health Hazards: A Design Science Framework. *Telemedicine and e-Health*. Volume, 25, Issue 4 (April, 2019), pp. 326-331, IF: 1.996 (SCI), ISSN: 1530-5627, Publisher: Mary Ann Liebert, Inc.

Dr. Mohammad Anisur Rahman

1. Consumer buying behavior towards online shopping: An empirical study on Dhaka city, Bangladesh. *Cogent Business & Management*, vol.5, issue 1, August 2018

Mr. Ashis Talukder

1. An empirical investigation of the relationship between e-government development and the digital economy: the case of Asian countries. *Journal of Knowledge Management*. Volume 22, Issue 5 (July, 2018), pp.76-100, IF: **4.604** (SSCI), ISSN: 1367-3270, Publisher: Emerald Publishing Limited.

2. Ashis Talukder, Md. Golam Rabiul Alam, Nguyen H. Tran, Dusit Niyato, and Choong Seon Hong, "Knapsack-based Reverse Influence Maximization for Target Marketing in Social Networks," *IEEE Access*, Vol. 7, No. 1, pp. 44182-44198, April. 2019. (Science Citation Index Expanded (SCIE) Journal, Impact Factor: 4.098).

3. Md. Golam Rabiul Alam, Sarder Fakhrul Abedin, Seung Il Moon, Ashis Talukder, and Choong SeonHong, "Healthcare IoT-based Affective State Mining Using a Deep Convolutional Neural Network," *IEEE Access*, Vol.7, pp.75189-75202, May. 2019. (Science Citation Index Expanded (SCIE) Journal, Impact Factor: 4.098).

4. Ashis Talukder, Anupam Kumar Bairagi, Do Hyeon Kim, Choong Seon Hong, "Reverse Path Activation-based Reverse Influence Maximization in Social Networks," *Journal of KIISE (JOK)*, Vol. 45, No. 11, pp. 1203-1209, 2018. 11, <https://doi.org/10.5626/JOK.2018.45.11.1203>.

5. Anupam Kumar Bairagi, Ashis Talukder, Do Hyeon Kim, Choong Seon Hong, "Coexistence of LTE-U and Wi-Fi System Considering the User's QoE," *KIISE Transactions on Computing Practices (KTCP)*, Vol. 24, No. 11, pp. 575-581, 2018. 11, <https://doi.org/10.5626/KTCP.2018.24.11.575>.

Ms. Jakia Sultana

Jakia Sultana, Md Aminul Islam, Md. Fahami Ahsan Mazmum, "Socio-Technical Determinants of Knowledge Sharing Behaviour - An Investigation on Social Networking Sites users" *Global Journal of Management and Business Research: E Marketing*, Volume 19, Issue 2, Version 1.0, 2019, Global Journal Inc.(USA)

Md. Rakibul Hasan

1. Hasan, M.R., (2019), Continuity of Using Social Networking Sites and the Expectation Disconfirmation Theory. *Journal of Business Studies*, Vol. XL, No. 3, ISSN: 1682-2498

2. Hasan, M.R., Rahman, T., (2021) Analyzing the Factors Determining Actual Usage of e-Government Services by the Users: A Case of Bangladesh Bureau of Statistics. *Journal of Business Studies*, Vol. XLI, No. 2, ISSN: 1682-2498

Physical Facilities

The Department of MIS offers an enjoyable teaching-learning environment, which has been made possible by the existence of some unique physical and related facilities. The facilities include:

- A well-decorated computer lab that helps provide one student one-computer for computer related classes and simulations.
- Two "Computer based class room" has been completed.
- Network system and 24-hours on-line Internet connection in the computer lab.
- Well-spaced classrooms in a serene natural environment with adequate ventilation and lighting.
- In-built Microphone System & Multimedia Projectors in all classrooms.
- Big-sized white boards (no black boards) in all classrooms.
- Chairs with writing facility for every student.
- Sophisticated multimedia projectors for visual presentation using computer.
- Fully air-conditioned all classrooms.
- Individual furnished room for each faculty member, fitted with Desktop & Laptop computer for individual use.
- A common specialized e-library & library rich in latest-edition books at the 2nd floor of the faculty building.

Department of International Business (2007)**Chairman**

Dr. Shobod Deba Nath

Professor

(1) Mr. Abu Hena Reza Hasan, M.Com, M.Sc (London School of Economics, UK), Post-Graduate Diploma (University of Strathclyde, UK); Research Fellow in Department of Economics, National University of Singapore (Singapore).; (2) Md. Kamal Uddin, M.Com, M.A in

Economics (University of Osaka, Japan), Ph.D. in Development Economics (University of Osaka, Japan).; (3) Chowdhury Saima Ferdous, MBA, Diploma in Social Science Research (University of Birmingham, UK), Ph.D. (University of Birmingham, UK).

Associate Professor

(1) Mr. Mohammad Rakib Uddin Bhuiyan, MBA, M.Sc (University of Birmingham, UK); (2) Shobod Deba Nath, MBA, M.Sc (University of Durham, UK), Ph.D. (Massey University, New Zealand).; (3) Suborna Barua, MBA, Ph.D. (Federation University, Australia).; (4) Abul Khayer, MBA, Ph.D. (Huazhong University of Science and Technology, China).; (5) Aditi Shams, MBA, Ph.D. (Australian National University, Australia).; (6) Mansura Akter, MBA, Ph.D. (University of Lincoln, UK).; (7) Muhammad Shahin Miah CPA, MBA, Ph.D. (Massey University, New Zealand), CPA (Australia).

Assistant Professor

(1) Shamsun Arefin, MBA; (2) Hazera-Tun-Nessa, M.S.S, M.Sc (University of Manchester, UK).; (3) Mr. Saiful Islam, MBA, M.Sc (University of Adelaide, Australia).; (4) Mohammad Monirul Islam, MBA, Ph.D. (Huazhong University of Science and Technology, China); (5) Mr. Mithun Kumar Acharjee, M.S, M.Sc (Lamar University, USA), Ph.D. Student (The Pennsylvania State University, USA) [On Study Leave]; (6) Hazera Akter, MBA, M.Sc (University of Leeds, UK).; (7) Farha Fatema, MBA, Ph.D. (Huazhong University of Science and Technology, China).; (8) Fahmida Mostafiz, MBA, Ph.D. Student (South China University of Technology, China).; (9) Mouri Mehtaj, MBA; (10) Kazi Md. Jamshed, MBA; (11) Pallabi Biswas, MBA; (12) Mohammad Mobarak Hossain, MBA; (13) Asmina Akter, MBA; (14) Mr. Ekramul Huda, MBA.

Lecturer

Anamika Datta, MBA, Ph.D. Student (University of Memphis, USA) [On Study Leave].

Professor (Honorary)

Professor Dr. Khondoker Bazlul Hoque, M.Com, Ph.D. (Moscow), Fellow of Institute of Developing Economies (IDE), Tokyo, Japan; Senior Fulbright Fellow of Indiana University, USA.

Part-Time Teacher

(1) Dr. Ratan Chandra Gosh, Masters (University of Dhaka), Ph.D. (Hiroshima University, Japan); (2) Dr. A. Z. M. Shafiullah, Masters (University of Dhaka), Ph.D (University of Auckland, New Zealand).

Statistics of Students	
BBA 4th Year (23th Batch)	BBA 4th Year (23th Batch)
BBA 3rd Year (24th Batch)	BBA 3rd Year (24th Batch)
BBA 2nd Year (25th Batch)	BBA 2nd Year (25th Batch)
BBA 1st Year (26th Batch)	BBA 1st Year (26th Batch)
MBA (22th Batch)	MBA (22th Batch)
EMBA Program	EMBA Program
Professional Master's Program	Professional Master's Program
M. Phil	M. Phil
Total =	Total =

Examination Result			
Program Name	Program Name	Program Name	Program Name
BBA Program	BBA Program	BBA Program	BBA Program
MBA Program	MBA Program	MBA Program	MBA Program
EMBA Program	EMBA Program	EMBA Program	EMBA Program
Professional Master's Program	Professional Master's Program	Professional Master's Program	Professional Master's Program

Internship Program

Students from BBA and MBA program must complete a three (3) months long internship program. The purpose of the program is to make the students familiar with the practices of corporate world. At the end of the program, a quality from academic perspective report must be submitted to the Department by each & every student.

Administrative Responsibilities of the Departmental Faculties

MBA (Evening) Program Director - Professor Dr. Md. Kamal Uddin

Professional Master's Program Director- Professor Dr. Chowdhury Saima Ferdous

Student Advisors - Dr. Mohammad Monirul Islam, Assistant Professor
Mouri Mehtaj, Assistant Professor

Regular Extra Curricular Activities

Each and every year, the Department participates and arranges various cultural (Pahela Baishak, Pahela Fulgun etc.) and sports (Football, Cricket etc.) events for the students.

Fresher's Reception and Study Tour

Every year new students are welcomed to the Department through reception programs. Final year students are sent to study tour on a routine basis to different historical and commercial places of the country.

Publication (Book)

Teachers Name	Book Name	Publisher Name	Publishing Place	The time of Publication
Dr. Shobod Deba Nath	Chapter : Blockchain for Financial Technology: Challenges and Opportunities for India Book Name: The Impact of Artificial Intelligence on Governance, Economics and Finance	Springer		2021
Dr. Suborna	Book Name: <i>Principles of</i>	Walter de Gruyter,	Germany	August, 2020

Barua	<i>Green Banking: Managing Environmental Risk and Sustainability</i>	Berlin		
	Chapter : Human Capital, Economic Growth, and Sustainable Development Goals: An Evaluation of Emerging Economies	Springer, Singapore		2020
Hazera Akter	Chapter 2: Bilateral trade relation between Bangladesh and Australia Book Name: The Economic Development of Bangladesh in the Asian Century: Prospects and Perspectives	Routledge	London	November/ 2020

Publication (Articles)

Teachers Name	Name of the article	Journal/Publisher Name	Volume Number	Issue Number	The time of Publication
Dr. Shobod Deba Nath	“Multi-stakeholder partnerships: A catalyst to achieve sustainable development goals.”	Marketing Intelligence and Planning			2021
	“The hidden side of sub-supplier firms’ sustainability – An empirical analysis.”	International Journal of Operations and Production Management	40	12	2020
	“The impact of COVID-19 on Air Pollution: Evidence from global data.”	Journal of Cleaner Production 298			2021
	“The invisible side of managing sustainability in global supply chains: Evidence from multi-tier suppliers.”	Journal of Business Logistics	42	2	2021
Dr. Suborna Barua	The impact of COVID-19 on air pollution: Evidence from global data	<i>Journal of Cleaner Production</i>		126755	

	What drives ecological footprint in top ten tourist destinations? Evidence from advanced panel techniques	<i>Environmental Science and Pollution Research</i>	28		28	2021
	Does a Company’s Environmental Performance Influence Its Price of Debt Capital? Evidence from the Bond Market	<i>The Journal of Impact and ESG Investing</i>	1		3	2021
	COVID-19 implications for banks: Evidence from an Emerging Economy	<i>SN Business & Economics</i>	1		19	2021
	Does higher degree and cost of leverage worsen corporate environmental performance?	<i>The Journal of Environmental Investing</i>				2021
	Understanding Coronanomics: The economic implications of the coronavirus (COVID-19) pandemic	<i>The Journal of Developing Areas</i>	55		3	2021

	The determinants and interrelationship of carbon emissions and economic growth in African economies: Fresh insights from static and dynamic models	<i>Journal of Public Affairs</i>			2021
	Financing sustainable development goals: A review of challenges and mitigation strategies	<i>Business Strategy & Development</i>	3	3	2021
Dr. Abul Khayer	Understanding cloud computing success and its impact on firm performance: an integrated approach	Industrial Management and Data Systems	120	5	2020
	The adoption of cloud computing in small and medium enterprises: a developing country perspective	VINE Journal of Information and Knowledge Management Systems	51	1	2020

Shamsun Arefin	Fourth Industrial Revolution and Digital Accounting :The Opportunities and Challenges for Accounting Jobs and Professionals	The Bangladesh Accountant – Quarterly Journal of the Institute of Chartered Accountants of Bangladesh(ICAB)	2		July-September, 2020
	Information Communication Technology (ICT) Enable Services Adoption by SMEs for Business Sustainability: A Study from Bangladesh Perspective	SUMEDHA JOURNAL OF MANAGEMENT-CMR COLLEGE OF ENGINEERING & TECHNOLOGY	9	3	July-October, 2020.
Hazera-Tun-Nessa	Financial Development, Governance and Income Inequality: A Comparative Analysis between OECD Countries and Developing Country	Journal of Business Administration, Institute of Business Administration, University of Dhaka, Dhaka-1000, Bangladesh.	41	2	December 2020
	Human Development and Foreign Aid Nexus:	<i>Jahangirnagar Economic Review</i> , University of Jahangirnagar,	30		February, 2021

	Evidence from Bangladesh	Dhaka, Bangladesh.			
Kazi Md. Jamshed	The Moderating Role of University Environment in Boosting Student's Entrepreneurial Action Behavior	Journal of Banking and Financial Services	12	1	December, 2020
Pallabi Biswas	“Socio-economic and Environmental Impact of the Refugees Entrance to the Host Community on the Context of Relevant Aspects of SDGs: A Study from the Influx of Rohingya Refugees from Neighboring Myanmar to Bangladesh”	Journal of Humanities and Social Science (IOSR-JHSS)	26	6	June, 2021
Mohammad Mobarak Hossain	Regional Connectivity through Banglabandha Port: Opportunities and Challenges for Bangladesh	<i>BUFT Journal of Business & Economics (BJBE)</i>	2		2021

	State-Owned Jute Mills in Bangladesh: Problems and Possible Way-Out	<i>International Journal of Business and Management</i>	16	4	2021
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Department of Tourism and Hospitality Management (2007)

Chairman

Dr. Santus Kumar Deb

Professor

(1) Md. Afjal Hossain, M.Com, Ph.D. (Pune, India); (2) Mojib Uddin Ahmed, M.Com, MAcc (Glasgow, UK) MAS (U of IL, U-C, USA), Ph.D. in Finance (ODU, VA, USA); (3) M. Badruzzaman Bhuiyan, MBA (Accounting), Ph.D. (Tourism).

Associate Professor

(1) Nusrat Jahan, MBA, MSc (UK) [on leave]; (2) Mohammad Ruhual Amin, MBA, MSC (UK) [on leave]; (3) Santus Kumar Deb, MBA, SDM (CJBS, UK), Ph.D. (Sandwich Program); (4) Md. Shariful Alam Khondakar, MBA, Ph.D. (Utara University, Malaysia); (5) Md. Kamrul Hassan, MBA, Ph.D. (Otago University, New Zealand); (6) Samshad Nowreen, MS; (7) Muhammad Shoeb-Ur-Rahman, MBA, Ph.D. (Lincoln University, New Zealand); (8) Dr Saud Ahmed, MBA, Ph.D. (UK).

Assistant Professor

(1) Mrs. Rumana Parveen Annie MBA [on leave]; (2) Md. Kamruzzaman, MBA [on leave]; (3) Ms. Takrima Sayeda, MSS [on leave]; (4) Mina Mahub Hossain, MS [on leave]; (5) Prosanjit Saha, MBA [on leave]; (6) Abdullah Al Muneem, MBA; (7) Uchinlayen, MBA; (8) Jameni Javed Suchana, MBA; (9) Biplab Roy, MBA [on leave].

Lecturer

(1) Ms. Samia Afrin Shetu MBA; (2) Ms. Karabi Kabir MBA.

Guest Teacher

(1) Md. Abdul Hakim, Professor, Accounting & Information Systems Department, DU; (2) Dr. Humayun Kabir, Professor, Geography and Environment Department, DU; (3) Mohammad Rakib Uddin Bhuiyan, Associate Professor, International Business Department, DU; (4) Md. Rakibul Hasan, Assistant Professor, Management Information Systems Department, DU; (5) Hamida Akhter, Lecturer, Management Information Systems Department, DU.

Number of Students	Years & Classes	Number
BBA (13 th Batch)	1 st Year	125
BBA (12 th Batch)	2 nd Year	131
BBA (11 th Batch)	3 rd Year	111
BBA (10 th Batch)	4 th Year	121
MBA (12 th Batch)	1 st & 2 st Semester	115
MBA (Evening) Program		180
M. Phil & PhD		<u>07+01=08</u>
Total		=791

Student Counselor

Dr. Md. Kamrul Hassan and Dr. Saud Ahmed are working efficiently as a student councilors in this department.

Tourism Fair & World Tourism Day (September, 2020)

The students and teachers of this department participated in the candle lighting program and rally in "World Tourism Day" September 27, 2020.

Moreover, Students readily participate in various faculty programs.

Department of Organization Strategy and Leadership (2016)

Chairman

Professor Dr. Muhammad Shariat Ullah

Professor

(1) Muhammad Abdul Moyeen, M.Com, Ph.D. (University of Glasgow, UK); (2) Altaf Jalil, M.Com, MA (University of Carleton, Canada) Ph.D.; (3) Muhammad Shariat Ullah, MBA, Ph.D. (Ritsumeikan University, Japan).

Associate Professor

Md. Rashedur Rahman, MBA (Rochester Institute of Technology (RIT), USA).

Lecturer

(1) Sharmeen Akhter, MBA; (2) Farhana Rahman, MBA; (3) Muhammad Abdul Aziz, MBA.

Part-Time Teacher

Professor Dr. Mahfuzul Hoque, AIS Department, DU 2. Professor Dr. Md. Thoufiqul Islam, Dept. of Management, DU 3. Professor Dr. Gazi Md. Hasan Jamil, Dept. of Finance 4. Prof. Dr. Nurul Huda Abul Monsur, Dept. of History, DU 5. Dr. Abu Reza Muhammad Muzaraba, Associate Professor, Dept. of Marketing, DU 6. Dr. Md. Rakibul Hoque, Associate Professor, Dept. of MIS, DU 7. Dr. S. M. Shameem Reza, Associate Professor, Dept. of Mass Communication and Journalism, DU 8. Dr. Md. Jamil Hasan Karami, Dept. of Statistics, DU 9. Dr. B M Mainul Hosan, Associate Professor, Institute of IIT, DU 10. Mohammad Golam Sarwar, Assistant Professor, Dept. of Law, DU 11. Dr. Md. Afzal Hossain, Associate Professor, Institute of Modern Language, DU 12. Ms. Shirin Hasan, Funding Director, Institute of Interactive Learning, Dhaka.

Students

Program	Batch	Session	No. of Students
BBA Program	1 st Batch (23 rd)	2016-2017	56
	2 nd Batch (24 th)	2017-2018	60
	3 rd Batch (25 th)	2018-2019	60
	4 th Batch (26 th)	2019-2020	61
M.Phil	All Batch	2020-2021	05
Ph.D.	All Batch	2020-2021	03
DBA	All Batch	2020-2021	05
MBA (Evening) Program	All Batch	2020-2021	220

Examination System

Courses are conducted in Semester System and results are published.

Administrative role played by the faculties of the department

Professor Muhammad Abdul Moyeen, M.Com, PhD carries out the duties of Dean, Faculty of Business Studies, University of Dhaka, Director of the DBA program of the department and the Coordinator of the Department's MPhil and PhD sub-committee. Professor Dr. Altaf Jalil MBA, PhD carries out the duties of Director of Center for Trade and Investment (CTI). Professor Muhammad Shariat Ullah, MBA, PhD carries out the duties of Director of MBA (Evening) program. Md. Rashedur Rahman, MBA carry out the duties of Managing Director of Innovation, Creative and Entrepreneurship Center, University of Dhaka.

List of Publications**Professor Dr. Muhammad Shariat Ullah**

Role of Talent Development on Talent Engagement and Self efficacy: A Structural Model, Journal of Social Economics Research. PP.118-129, 2020

Sustainable Clothing Production in Bangladesh: The Case of Energy Intensity and CO2 Emissions, Dhaka University Journal of Business Studies. 2020

Farhana Rahman

A Study on the Long-run Association Between Macroeconomic Condition and Non-performing Loan in Banking Sector of Bangladesh, International Journal of Service Science, Management and Engineering. Vol. 7, No. 1, 2020

Faculty of Social Sciences (1970)

The Faculty of Social Science was established in 1970. Dr. Sadeka Halim a Professor of the Department of Sociology performs the charge of the Dean for the academic session of 2020-2021.

Under the faculty of Social Science currently 16 departments are offering academic programs. The departments are (1) Department of Economics; (2) Department of Political Science; (3) Department of International Relations; (4) Department of Sociology; (5) Department of Mass Communication and Journalism; (6) Department of Public Administration; (7) Department of Anthropology; (8) Department of Population Sciences; (9) Department of Peace and Conflict Studies; (10)) Department of Women and Gender Studies; (11)) Department of Development Studies; (12)) Department of Television, Film and Photography; (13) Department of Criminology; (14) Department of Communication Disorder; (15) Department of Print and Publication Studies; (16) Department of Japanese Studies. All the mentioned Departments offer four years long Bachelor of Social Sciences (BSS) and one year long Masters of Social Sciences (MSS). In addition, the faculty offers two years MPhil and three years PhD program.

Eleven departments of the faculty of Social Sciences offer Professional degree. These are Masters in Government Studies (MGS) Department of Political Science; Professional Masters in International Relations (MIR), Department of International Relations; Masters in Sociology and Social

Policy, Department of Sociology; Evening Master of Public Administration, Department of Public Administration; Professional Masters of Population Science, Department of Population Sciences; Master of Development Studies, Department of Development Studies; Master of Television, Film and Photography, Department of Television, Film and Photography; Master in Criminology and Criminal Justice, Department of Criminology; Professional Masters in Speech and Language Pathology, Department of Communication Disorder; Professional Masters of Social Sciences in Printing and Publication, Department of Print and Publication Studies and Masters in Japanese Studies, Department of Japanese Studies.

Besides, under this faculty some affiliated college/ institutes are offering courses: (1) Bangladesh Ansar and VDP Academy; (2) Dhaka School of Broadcast Journalism; (3) Bangladesh Institute of Governance and Management (BIGM); (4) Dhaka School of Economics; (5) Pathashala South Asian Media Institute.

With the support of Micro Governance Research Initiative (MGRI), following Webinar were organized by the faculty of Social Sciences in 2020-2021 academic year.

1. Seminar on 'COVID-19 and Women's Safety in Bangladesh'
2. Seminar on 'Democracy from Theory to Practice'
3. Seminar on 'Hate Speech And Misinformation Research Findings'
4. Faith And Science Workshop
5. Seminar on 'Youth Media Responses to COVID-19'
6. Youth Journalists Media Training-Round 1 (8-10 July 2020)
7. The Art Against COVID-19 (23 -24 July 2020)
8. Youth Journalist Media Training Round-2 (27-29 July 2020)
9. Seminar on 'Preventing Youth Suicide and Mental Health Disorders.'
10. Seminar on 'International Day of Non-Violence'
11. Seminar on 'She Leads-Empowering Female Youth'
12. Seminar on 'Empowering Youth For Increasing Tolerance and Resilience in Bangladesh'
13. Seminar on 'Connecting Youth in Diversity'

The Faculty of Social Sciences published two journals in English named Social Science Review (Dhaka University Studies, Part-D) and one journal in Bengali named *Samajik Biggyn Patrika* in 2020-2021 academic year. It should be mentioned that, on both occasions Professor Dr. Sadeka Halim takes the responsibility as an editor.

Department of Economics (1921)

Chairman

Professor Dr. Mahbubul Mokaddem, MSS, Ph.D.

Professor

(1) Nazma Begum, MSS, Ph.D. (Diliman) [L.P.R.]; (2) Shamsun Nahar Ahmed, MSS, MA (Pittsburgh), Ph.D. (Pittsburgh) [L.P.R.]; (3) Mahbubul Mokaddem, MSS, Ph.D.; (4) S M Ashiquzzaman, MA (Bowling), MBA (MASS), MPP, M.Ed. & Ph.D. (Harvard) [on leave]; (5) Bazlul Haque Khandker, MSS, Ph.D. (Warwick); (6) Farah Hasin, MSS, MSc (London), Ph.D. (London) [on leave]; (7) Masuda Yasmeen, MSS, MA (Australian National University); (8) Farzana Laiju, MSS, MA (Strathclyde); (9) Selim Raihan, MSS, MA (Manchester), Ph.D. (Manchester, U.K.); (10) Firdousi Naher, MA (New Delhi), Ph.D. (JNU); (11) Rumana Huque, MSS, Ph.D. (Leeds); (12) Sayema Haque Bidisha, MSS, Ph.D. (Nottingham); (13) Muhammad Shahadat Hossain Siddiquee, MSS, MA (Erasmus University), Ph.D. (Manchester University); (14) Mohammed Helal Uddin, MSS, Ph.D. (Maryland) [on leave]; (15) A.K.M. Ghulam Hussain, MSS, MS (Australian National University), Ph.D.; (16) Mohammad Iftekher Hossain, MSS, MSc., Ph.D. (University of York, U.K.) [on leave].

Associate Professor

(1) Ummul Hasanath Ruthbah, MSS, MA (Mc Gill), Ph.D. (MIT) [on leave]; (2) Syed Naimul Wadood, MSS, Ph.D. (North Carolina State University); (3) Qamrun Nehar Taslim, MSS, MS (Illinois); (4) Nayeema Nusrat Chowdhury, MSS, MSc (Nottingham); (5) Atonu Rabbani, MSS, MA, Ph.D. (Chicago) [on leave]; (6) Mohammad Akbar Kabir, MSc; (7) S.M Abdullah, MSS, M.Sc. (Lund University, Sweden); (8) Sheikh Jafar Emran, MSS, M.A. (Bowling Green State University, USA) [on leave].

Assistant Professor

(1) Rushad Faridi, MSS, Ph.D. (Virginia Tech., USA); (2) Md. Deen Islam, MSS; (3) Md. Nazmul Hossain, MSS, MS (Western Illinois University); (4) Md. Amzad Hossain, MSS [on leave]; (5) Md. Moniruzzaman, MSS [on leave]; (6) Aroni Barkat, MSS [on leave]; (7) Abul Kalam Azad, MSS; (8) Tasnim Rahman Fariha, MSS [on leave]; (9) Farzana Hossain, MSS [on leave]; (10) Mahtab Uddin, MSS [on leave].

Lecturer

(1) Rubaiya Murshed, MSS [on leave]; (2) Md. Wahid Ferdous Ibon, MSS [on leave]; (3) Tahia Anan Dhira, MSS.

Honorary Professor

Professor Abu Ahmed, M.Sc. (Islamabad), M.A. (York).

Part-Time Teacher

(1) A.K.M. Haroonar Rashid, MA, Ph.D., Professor, Department of Philosophy, University of Dhaka; (2) Md. Salim Hossain, MS, Assistant Professor, Department of Psychology, University of Dhaka; (3) Md. Rezaul Karim, MBA, Assistant Professor, Department of Accounting and Information System, University of Dhaka.

Number of Student	
Class	Number of Student
10 th Batch (2015-16) MSS 2nd Semester 2019-20	92
11 th Batch (2016-17) BSS (Hons.) 8 th Semester 2019-20	120
12 th Batch (2017-18) BSS (Hons.) 6 th Semester 2019-20	127
13 th Batch (2018-19) BSS (Hons.) 4 th Semester 2019-20	135
14 th Batch (2019-20) BSS (Hons.) 2nd Semester 2019-20	218
Total	692

Result of Examination			
Name of Examination	Number of Examinee	Passed	Percentage of passing
10 th Batch MSS 1st Semester (2019-20) Examination 2020	90	90	100%
10 th Batch MSS 2nd Semester (2019-20) Examination 2020	Result has not yet been published		
11 th Batch BSS (Hons.) 7 th Semester (2019-20) Examination 2020	120	120	100%
11 th Batch BSS (Hons.) 8 th Semester (2019-20) Examination 2020	Result has not yet been published		
12 th Batch BSS (Hons.) 5 th Semester (2019-20) Examination 2020	124	124	100%
12 th Batch BSS (Hons.) 6 th Semester (2019-20) Examination 2020	Result has not yet been published		
13 th Batch BSS (Hons.) 3rd Semester (2019-20) Examination 2020	131	129	98.47%
13 th Batch BSS (Hons.) 4th Semester (2019-20) Examination 2020	Result has not yet been published		
14 th Batch BSS (Hons.) 1st Semester (2019-20) Examination 2020	218	218	100%
14 th Batch BSS (Hons.) 2nd Semester (2019-20) Examination 2020	Result has not yet been published		

Publications**Professor Dr. Selim Raihan****Journal articles**

1. Raihan, S.(2020). "Anatomy of the Stimulus Package in Bangladesh". Perspective, *The Indian Journal of Labour Economics*, Volume 63, pages37–40 (2020)
2. Raihan, S., Wignaraja, G., Ahmed, V., Sharma, P., Kabiri, N. and De, P. (2020). "The Pandemic and Economic Fallout in South Asia". Commentary, *Economic and Political Weekly*. Vol. 55, Issue No. 46, 21 Nov, 2020
3. Raihan, S., Uddin, M. and Ahmmed, S. (2021) "Impact of foreign remittances on the household spending behaviour in Bangladesh", *Migration and Development*, DOI: 10.1080/21632324.2020.1870835

Book

Raihan, S. and De, P. (Eds). (2020). Trade and Regional Integration in South Asia: A Tribute to Saman Kelegama. Springer Publications. Singapore

Book Chapter

Raihan, S. and Anjum, I. (2020). "Effectiveness of Fiscal Policy in Stimulating Economic Growth: An Empirical Study on Bangladesh" in Hossain, M. (ed). Bangladesh's Macroeconomic Policy: Trends, Determinants and Impact. Palgrave Macmillan. Singapore

Working/Discussion Papers

1. Raihan, S. and Razzaque, M. A., 2020. "Towards A Bi-lateral FTA with China: Potential Implications and Negotiation Strategies for Bangladesh," MPRA Paper 110526, University Library of Munich, Germany.
2. Dorosh, P. A., Thurlow, J., Pradesha, A. and Raihan, S. (2020). "Evaluating Food Policy Options in Bangladesh: Economywide Analysis Under Uncertainty," 2020 Annual Meeting, July 26-28, Kansas City, Missouri 304635, Agricultural and Applied Economics Association.

Professor Dr. Sayema Haque Bidisha**Published Journal**

1. Bidisha, S. H. & Mahmood, T. & Biplob, M. B. (2021). Assessing Food Poverty, Vulnerability and Food Consumption Inequality in the Context of COVID-19: A Case of Bangladesh. *Social Indicators Research*. 1-24. DOI: [10.1007/s11205-020-02596-1](https://doi.org/10.1007/s11205-020-02596-1).
2. Bidisha, S. H., Biplob, M.B., & Tanveer Mahmood (2021) Occupation Based Poverty & Vulnerability In Bangladesh: Insights From COVID-19, *Journal of Poverty*, DOI: [10.1080/10875549.2021.1925805](https://doi.org/10.1080/10875549.2021.1925805)
3. Islam, M.M, Bidisha, S. H, Jahan, I, Biplob, M. H. and Mahmood, T. (2021) Effects of Remittances on Health Expenditure and Treatment Cost of International Migrant Households in Bangladesh. *Journal of Governance Security & Development*. DOI: <https://doi.org/10.52823/XFRY1732>

Working Papers

1. Bidisha, S. H. & Mahmood, T., & Rahman, M. (2021). Earnings inequality and the changing nature of work: Evidence from Labour Force Survey data of Bangladesh. DOI: 10.35188/UNU-WIDER/2021/941-9.
2. Bidisha, S. H. and Sen, K. (2020) "Is there a Gender Bias in Deal Making? Evidence from Firm level cross Country Analysis", ESID Working Paper No. 161, University of Manchester, UK.

Professor Dr. Shahadat Hossain Siddique**Working/Discussion Paper/Policy Brief/Research Reports**

1. Economic Support in Response to COVID-19 and the Quest for Political Legitimacy, Published by BRAC Institute of Governance and Development (BIGD), BRAC University (2020). Available @ <https://bigd.bracu.ac.bd/publications/state-of-governance-in-bangladesh-2020-2021-managing-the-covid-19-pandemic/>

2. Growth Effects of Fiscal Policy: Implications for Bangladesh. Published by BRAC Institute of Governance and Development (BIGD), BRAC University (2020). Available @ <https://bigd.bracu.ac.bd/publications/growth-effects-of-fiscal-policy-implications-for-bangladesh/>
3. COVID-19's Impact on Bangladesh Economy, Working Paper Macroeconomic Series 01, Published by BRAC Institute of Governance and Development (BIGD), BRAC University (2020). Available at: https://bigd.bracu.ac.bd/wp-content/uploads/2020/12/Working-Paper_COVID-19s-Impact-on-Bangladesh-Economy.pdf
4. Understanding the First and Second Digital Divides in Rural Bangladesh: Internet Access, Online Skills and Usage, Published by BRAC Institute of Governance and Development (BIGD), BRAC University (2020). Available @ <https://bigd.bracu.ac.bd/publications/understanding-the-first-and-second-digital-divides-in-rural-bangladesh-internet-access-online-skills-and-usage/>

Book/Book Chapter

1. Bangabandhu's Economic Philosophy: A Brief Review of the Unfinished Memoirs. Published by Pathak Shamabesh and Bangladesh Institute of International Strategic Studies (BISS).
2. A Tracer Study for Making HSC (Business Management) Course More Market Responsive and Practical Oriented. Published by Bangladesh Technical Education Board in 2020.
3. Reviewed Book on 'Matching of NTVQF Qualification with the Occupations of Present Employment Market', published by Bangladesh Technical Education Board in 2018. Available at: <https://drive.google.com/drive/folders/1vnywMiIwpIxxSUAmRl26J2cjylytGseg>

Journal

1. Siddiquee, M. S. H., Islam, M. S., & Arman, M. R (2021). Gender Earnings Gap among Urban Youth Adults in Bangladesh: A Comparative Static Analysis. *Research in Applied Economics*, 10(1). Available:

<https://www.macrothink.org/journal/index.php/rae/article/view/18890>

2. Siddiquee, M., Islam, M., & Arman, M. (2021). GENDER WAGE GAP AMONG YOUTH: AN ANALYSIS ON THE URBAN LABOR MARKET OF BANGLADESH. *Academia Letters*, 2. Available @ https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=GENDER+WAGE+GAP+AMONG+YOUTH%3A+AN+ANALYSIS+ON+THE+URBAN+LABOR+MARKET+OF+BANGLADESH&btnG
3. Siddiquee, M. S. H., & Ahamed, R. (2020). Exploring Water Consumption in Dhaka City Using Instrumental Variables Regression Approaches. *Environmental Processes*, 1-21. Available @ <https://link.springer.com/article/10.1007/s40710-020-00462-3>

Md. Akbar Kabir, Associate Professor

1. Floating Seedling Production in Bangladesh: A Review". *Agricultural Reviews*, Vo. 41, No. 4, December 2020.
2. Localization of Autonomous robot in an Urban Area Based on SURF Feature Extraction of Images. *International Journal of Technology Diffusion*, Vo.11, No.4, October, 2020.
3. The Scenario of Seedling Production Floating beds in Few Selected Areas of Bangladesh". *SAARC Journal of Agriculture*, Vol. 18, No.1, September, 2020.
4. Comprehensive Interaction Model for Cloud management. *International Journal of Advanced Computer Science and Applications*, Vo.11, No.8, August, 2020.
5. An Innovative Approach of Verification Mechanism for both Electronic and Printed Documents. *International Journal of Advanced Computer Science and Applications*, V.o.11, No.8, August, 2020.

S M Abdullah, Associate Professor

1. Abdullah, S.M., Huque, R., Bauld, L., Ross, H., Gilmore, A., John, R.M., Dobbie, F. and Siddiqi, K., 2020. Estimating the Magnitude of Illicit Cigarette Trade in Bangladesh: Protocol for a Mixed-Methods Study. *International Journal of Environmental Research and Public Health*, 17(13), p.4791. <https://www.mdpi.com/1660-4601/17/13/4791>
2. Mishu, M.P., Siddiqi, K., McNeill, A., Kanaan, M., Jackson, C., Huque, R., Kanan, S., Abdullah, S.M., Fieroze, F., Garg, S. and Singh, M.M., 2020. Assessing the impact of tobacco control policies on smokeless tobacco uptake and use among secondary school students in South Asia: protocol for a feasibility study of conducting longitudinal surveys. *F1000Research*, 9(1123), p.1123. <https://f1000research.com/articles/9-1123>
3. Ferdous, T., Siddiqi, K., Semple, S., Fairhurst, C., Dobson, R., Mdege, N., Marshall, A.M., Abdullah, S.M. and Huque, R., 2020. Smoking behaviours and indoor air quality: a comparative analysis of smoking-permitted versus smoke-free homes in Dhaka, Bangladesh. *Tobacco Control*. <https://tobaccocontrol.bmj.com/content/early/2020/12/16/tobaccocontrol-2020-055969>
4. Hicks, J.P., Latham, S.M., Huque, R., Das, M., Newell, J., Abdullah, S.M., Al Azdi, Z., Jahan, I., Rassi, C., Hamade, P. and Shafique, M., 2021. Antibiotic practices among household members and their domestic animals within rural communities in Cumilla district, Bangladesh: a cross-sectional survey. *BMC public health*, 21(1), pp.1-10. <https://bmcpublihealth.biomedcentral.com/articles/10.1186/s12889-021-10457-w>
5. Khan, A., Dobbie, F., Siddiqi, K., Ansaari, S., Abdullah, S.M., Iqbal, R., Khan, Z., Sohail, S., Kanaan, M., Huque, R. and Islam, Z., 2021. Illicit cigarette trade in the cities of Pakistan: comparing findings between the consumer and waste recycle store surveys. *Tobacco Control*. <https://tobaccocontrol.bmj.com/content/early/2021/04/14/tobaccocontrol-2020-056386.abstract>

Economic Study Center (ESC)

The fiscal year 2020-21 brought unforeseen challenges for Economics Study Center (ESC) as this was the first time the organization had to execute major events completely online, with the pandemic still raging worldwide.

- From January 2021, ESC published Monthly Digest videos, summarizing the key national and international events that took place each month.
- ESC introduced a new series named ESC Bitesize, where an economic term is explained simply for a layman within a few words.
- The organization launched ESC Book Archive on April 20, which aims to provide a dashboard of Economics books categorized by various disciplines, including the book's synopsis, availability for purchase, and price range.
- Besides few Skillbuilding sessions for its members, ESC arranged four online workshops this year –
 - "The Craft Of Writing," conducted by Ehsanur Raza, Editor of Toggle, The Daily Star;
 - "Basics of STATA" Episodes 1 and 2, by S.M Abdullah, Associate Professor, Dept of Economics, DU; and
 - "Data Analytics for Budding Economists," by Mr. Khan Muhammad Saqiful Alam, Trust and Safety zone in TikTok.
- An episode of the Econ Inspiration Series was arranged on the bright life of the respected Economist, Dr. Akbar Ali Khan.
- In December 2020, ESC published the fourth volume of its annual magazine *Ceteris Paribus*.

ESC also arranged several webinars during the year.

- On July 6, ESC hosted “Building Bridge: Connecting with the Founders” with Dr. Sajjad Zohir, Mahbub Ahmed, Dr M M Akash as the guests.
- ESC hosted two more Building Bridge sessions - “Connecting South Asian Youth” on July 9 and “Roadmap to Research” on August 14.
- In November, ESC Dialogue 5 titled “Vaccine Diplomacy: Prospects and Challenges for Bangladesh” was hosted with Dr Delwar Hossain, Professor, Dept of International Relations, DU, Dr Ashikur Rahman, Senior Economist, Policy Research Institute and Dr. Senjuti Saha, Scientist, Child Health Research Foundation (CHRF) Bangladesh as panelists.
- In December, ইএসসি সংলাপ পর্ব ৬- “বিজয়ের ৫০ বছরঃ সামাজিক অর্জন ও বঞ্চনার গল্প” was held with Dr. Binayak Sen, Research Director, BIDS; Mahua Paul, Co-founder, Access Bangladesh Foundation; Khushi Kabir, Social Activist, and Coordinator; Nijera Kori and Sanjeeb Drong, President, IPDS as panelists.
- On May 2021, a webinar titled “Communication During an Infodemic: What We Are Doing Wrong” was held, with Daily Star’s journalist Zyma Islam as the guest.

3rd Bangladesh Economics Summit: The 3rd edition of ESC’s signature event, Bangladesh Economics Summit(BES), was organized in September 2020 where

- three panel discussions were held online, with renowned academics from all over the country as panelists, and
- a public lecture on “Economic Effects of COVID- 19 in Low and Middle- Income Countries” by Dr. Ahmed Mushfiq Mobarak, Professor of Economics at Yale University.
- ESC’s annual student journal, Bangladesh Students’ Digest on Economics and Development (BSDED) was launched during the

summit, where the authors presented their research papers in the presence of Dr. Hossain Zillur Rahman, Chairperson, BRAC, and Executive Chairman, PPRC.

- The curtains of the summit were drawn by the launching of ESC’s report, “Assessing the Fault Lines of the Health Sector: Implications for Future Policy Response,” on September 19, with the honorable Planning Minister, Mr. M. A. Mannan as chief guest of the session. The report was later selected for presentation at the 8th Public Health Foundation Day and Virtual International Conference.

Economics Cultural Club (ECC)

ECC intends to expand student knowledge and participation of the Department of Economics within the cultural atmosphere at the local, national and international levels. The club represents the department in different sectors and levels and serves as a community in which students can discuss and share cultural views freely.

- *July 2020:* Poetry Recitation on the eve of বর্ষবরণ. After passing 4 months of quarantine, a video of reciting the poem ‘সোনার তরী’ was published from the page. It was done by Nafisa Haque Subah from the 98th batch.
- *December 2020:* ‘ANIRBAN’, The second edition of the annual magazine of ECC was published. It is garnished with the pieces of writing by the students of this department.
- *March 2021:* The first cultural session in quarantine online was: ‘গোধূলি’। Dance, song and poem recitation was performed by 99th batch and 98th batch students.
- *March 2021:* Thoughts of the youth on the Independence Day of Bangladesh: On 26 of March 2021, in respect to the celebration of 50th Independence Day, the cultural club members were asked to share their thoughts. The published video shows people answering the question: তোমার কাছে স্বাধীনতা মানে কি? The video was published from our official page.

- *March 2021*: A movie night was arranged through the online platform to unite the members for recreational purposes. On the movie night, a liberation war-based film 'Aguner Poroshmoni' was streamed.
- *April 2021*: The first day of Bangla New Year was celebrated: The students of the Economics department performed together through an online platform and the song “এসো হে বৈশাখ” was sung in chorus. Video collaboration was published from the Facebook page.
- Besides these events, the club published a significant level of infographics, videos and stories from the page.

Department of Political Science (1921/1938)

Chairman

Professor Md. Ferdous Hossain, M.S.S.

Professor

(1) Tasneem Arefa Siddiqui, M.A., Ph.D. (Griffith); (2) Dil Roushan Zinnat Ara Najneen, M.S.S., Ph.D.; (3) Nasima Khatun, M.S.S., M.Phil., Ph.D.; (4) Nelofar Parvin, M.S.S., Ph.D. (Leeds, UK); (5) Farid Uddin Ahmed, M.S.S., M.A. (Western, Canada), Ph.D. (Sydney, Australia); (6) Abeda Sultana, M.S.S. (Chittagong), Ph.D.; (7) Gobinda Chakrabarty, M.S.S., MPIA (Pittsburgh, USA), Ph.D. (Delhi); (8) Shantanu Majumder, M.S.S., M.Sc. (London), Ph.D. (London); (9) Mohammad Sohrab Hossain, M.S.S., Ph.D.; (10) Sabbir Ahmed, M.S.S., M.A. & Ph.D. (Leeds, UK); (11) S. M. Ali Reza, M.S.S., M.L. (Japan), Ph.D. (Japan).

Associate Professor

(1) Md. Shariful Islam, M.S.S., L.L.M. (Hongkong); (2) Kazi Mohammad Mahbobor Rahman, M.S.S., M.A. (Hungary); (3) Mohammad Aynul Islam, M.S.S., M.A. in Governance and Development (Antwerp, Belgium), PGD (NTU, Singapore); (4) Md. Zahid Ul Arefin Chudhury, M.S.S., Ph.D. (USA); (5) Md. Monirul Islam, M.S.S.; (6) Mamun Al Mostafa, M.S.S. [on Leave].

Assistant Professor

(1) Mrs. Fatema Samina Yeasmin, M.S.S., M.A. (Australia); (2) Mr. Mohammad Rashed Alam Bhuiyan, M.S.S. [on Leave]; (3) Ms. Sharmin Bhuiyan, M.S.S.; (4) Mrs. Gazi Alif Layla, M.S.S., M.Sc. (Bristol); (5) Mr. Muhammad Badrul Hasan, M.S.S.

Part-Time Teacher

Mr. Md. Lutfur Rahman, Professor, (Dept. of Statistics, Biostatistics & Informatics, Dhaka University).

Number of Students	Year & Class	Session Number
BSS Hons. 1 st & 2 nd Semester	2020-2021	220
BSS Hons. 3 rd & 4 th Semester	2019-2020	215
BSS Hons. 5 th & 6 th Semester	2018-2019	209
BSS Hons. 7 th & 8 th Semester	2017-2018	203
MSS 1 st & 2 nd Semester	2019-2020	183

Total **1030**

M.Phil. (1st Part)	2020-2021	11
Ph.D.		03

Grand Total = **1044**

Examination Results

Year & Class	No. of Examinees	Classes			Passed	Percentage
		1st	2nd	3rd		
MSS Final Year, 2019	190	-	-	-	183	96.32%
8th Semester B.S.S. (Hons), 2019	198	-	-	-	193	97.47%

Publications

Mr. Kazi Mohammad Mahbobor Rahman, Associate Professor, Dept. of Political Science, University of Dhaka.

Conference

From Aid Regime to Aid Support: Market Introduction in the Aid and Conditionality Provision., 78th Midwest Political Science Association Conference 2021, Chicago, USA.

Regional Responses to the Covid-19 Challenges: A Study of SAARC as compared with the EU, ASEAN and the AU, May 2021, "Webinar 5 on Social Sciences for Life and Living" of the *International Conference on Celebrating the 100 Years of the University of Dhaka: Reflections from the Alumni—National and International (29-31 May 2021)*, Dhaka, Bangladesh.

Department of International Relations (1947)

Chairman

Professor Muhammad Ruhul Amin M.S.S., M.A. (IUI, Japan)

Professor

(1) Imtiaz Ahmed, M.S.S., M.A. (Canberra), Ph.D. (Carleton); (2) Amena Mohsin, M.S.S., M.A. (Hawaii), Ph.D. (Cambridge); (3) Ruksana Kibria, M.S.S., M.A. (Maryland); (4) Delwar Hossain, M.S.S., M.A. (IUI, Niigata), Ph.D. (Ferris, Yokohama); (5) Ashequa Irshad, M.S.S.; (6) Ehsanul Haque, MSS, MA (Ohio); (7) Rashed Uz Zaman, M.S.S., M.A. (Hull), Ph.D. (Reading); (8) Muhammad Ruhul Amin, M.S.S., M.A. (IUI, Japan); (9) Lailufar Yasmin, M.S.S., M.A. (Georgia State), Ph.D. (Macquarie); (10) Mohammad Tanzimuddin Khan, M.S.S., M.A. (Warwick), Ph.D. (New England); (11) A.S.M. Ali Ashraf, M.S.S., MPA (Pittsburgh), Ph.D. (Pittsburgh); (12) Syeda Rozana Rashid, M.S.S., M.S. (Oxford), Ph.D. (Sussex); (13) Md. Abdul Mannan, M.S.S., Ph.D. (Melbourne).

Associate Professor

(1) Mr. Md. Obaidul Haque, M.S.S., MSt. (Oxford); (2) Ms. Bushra Hasina Chowdhury, M.S.S., M.A. (Sussex); (3) Mr. Niloy Ranjan Biswas, M.S.S., M.A. (George Washington), Ph.D. (City University of London); (4) Mr. Sheikh Shams Morsalin, M.S.S., M.Sc. (Sussex) [On study leave]; (5) Md. Sazzad Hossain, M.S.S., Ph.D. (Huyashi, Uhan).

Assistant Professor

(1) Ms. Saima Ahmed, M.S.S., M.A. (Tufts) [On study leave]; (2) Mohammad Atique Rahman, M.S.S., LL.M. (Turin), Ph.D. (Belgium); (3) Ms. Monzima Haque, M.S.S. [On study leave]; (4) Ms. Sayeda Akther, M.S.S.; (5) Mr. Md. Ali Siddiquee, M.S.S., M.S.S (Melbourne, Australia); (6) Mr. Md. Anwarul Azim, M.S.S., M.S.S (Australia); (7) Ms. Ushan Ara Badal, M.S.S., M.A (Sussex).

Lecturer

(1) Mr. Md. Rezwanul Haque Masud, M.S.S. [On study leave]; (2) Ms. Lamea Momen, M.S.S. [On study leave]; (3) Md. Tanvir Habib, MSS.; (4) Samia Zaman, MSS.

Programs and Number of Students

Programs	Number of Students
Bachelor of Social Sciences (Hons) 1st Year	100
Bachelor of Social Sciences (Hons) 2nd Year	128
Bachelor of Social Sciences (Hons) 3rd Year	78
Bachelor of Social Sciences (Hons) 4th Year	91
Master of Social Sciences	85
M.Phil.(Part-1)	03
M.Phil. (Part-2)	05
Ph.D.	02
Post Graduate Diploma in International Relations	55
Professional Masters in International Relations	48

Total= 595

Activities in the Department

1. The Department runs an eighteen-month Professional Masters in International Relations (PMIR) program.
2. The Department runs a six-month Post Graduate Diploma in International Relations (PGDIR).
3. Mr. Md. Atique Rahman and Ms. Sayeda Akther are serving as student advisors in the Department.
4. Professor. Dr. Md. Abdul Mannan is serving as the Sports teacher of the Department.

Department of Sociology (1957)**Chairperson**

Professor Rasheda Irshad Nasir

Professor

(1) Mr. Monirul Islam Khan Ph.D. (Delhi); (2) Ms. Sadeka Halim, MA, Ph.D. (McGill, Canada); (3) Ms. Zeenat Huda, Ph.D. (Warwick, UK); (4) Mr. A. S. M. Amanullah, MSS, Ph.D. (UNSW, Australia); (5) Ms. Fatema Rezina, Ph.D.; (6) Ms. Salma Akhter, M.Phil (Cambridge, UK); (7) Mr. Shah Ehsan Habib, Ph.D. (UNSW, Australia); (8) Mr. A. K. M. Jamaluddin, Ph.D. (Leeds); (9) Ms. Mahmuda Khatun, Ph.D. (PSU, USA); (10) Mr. Md. Mashiur Rahman, MSS, Ph.D. (Sweden) (Deputation); (11) Ms. Salma Begum, Ph.D.; (12) Mr. M. Anwar Hossen, Ph.D. (UBC, Canada), MA (Carleton, Canada); (13) Mr. Md. Jahangir Alam MSc, Ph.D. (AIT, Bangkok).

Associate Professor

(1) Ms. Tahsina Akhter [Study Leave]; (2) Mr. Mohammad Mahub Quaisar; (3) Ms. Samina Luthfa, (D. Phil, University of Oxford); (4) Mr. Md. Khairul Islam Chowdhury, MA (Dalhousie, Canada), Ph.D. (York, Canada); (5) Mr. Debasish Kumar Kundu, Ph.D. (Wageningen, Netherlands).

Assistant Professor

(1) Mr. Lipon Kumar Mondol, Ph.D. (Virginia Tech, USA); (2) Mr. Humayun Kabir (M A, University of Warwick) [Study Leave].

Lecturer

(1) Mr. Muntasir Masum, M A (Canada) [Study Leave]; (2) Ms. Wasifa Tasnim Shamma; (3) Ms. Eashrat Jahan Eyemoon.

Supernumerary Professor

Professor A I Mahbub Uddin Ahmed, MA (Dalhousie, Canada), Ph.D. (York, Canada).

Number of Students

Year and class	Number
1 st year BSS (Hons)	200
2 nd year BSS (Hons)	200
3 rd year BSS (Hons)	180
4 th year BSS (Hons)	180
MSS-2020	165
M.Phil.	30
Ph.D.	03

Department of Mass Communication and Journalism (1962)**Chairperson**

Professor Dr. Abul Mansur Ahmed, MA (Mass Communication & Journalism), M.Phil. (Oslo, Norway), PhD (Communication-York, Canada) (from 5 June 2021)

Professor Dr. Kaberi Gayen, MA (Mass Communication & Journalism), Ph.D. (Edinburgh Napier) (upto 4 June 2021)

Professor

(1) Shaikh Abdus Salam, MA (Economics), MA (Mass Communication & Journalism), Ph.D. (Poona); (2) Gitiara Nasreen, MA (Mass Communication & Journalism), MA (Political Science, Hawaii), MA (Communication, Hawaii), Ph.D. (Hawaii); (3) Md. Mofizur Rhaman, MA (Mass Communication & Journalism), MA (Development Studies, ISS), Diploma (Film and Television, Denmark); (4) Kaberi Gayen, MA (Mass Communication & Journalism), Ph.D. (Edinburgh Napier); (5) Abul Mansur Ahmed, MA (Mass Communication & Journalism), M.Phil. (Oslo, Norway), Ph.D. (Communication-York, Canada); (6) Naadir Junaid, MA (Mass Communication & Journalism), MA (Film Studies, London) Ph.D. (UNSW); (7) Robaet Ferdous, MA (Mass Communication & Journalism).

Associate Professor

(1) S M Shameem Reza, MA (Mass Communication & Journalism), MA (Media Education, Sydney), Ph.D. (London); (2) Sabrina Sultana Chowdhury, MA (Mass Communication & Journalism); (3) A S M Asaduzzaman, MA (Mass Communication & Journalism), MA (Media Studies, New School of Social Research), Ph.D. (London); (4) Afroza Bulbul, MA (Mass Communication & Journalism), MA (Development Studies, ISS) [On study leave]; (5) Shaonti Haider, MA (Mass Communication & Journalism); (6) Suriya Begum, MA (Mass Communication & Journalism), MA (Costa Rica); (7) Md. Abdur Razzaque Khan, MA (Mass Communication and Journalism), M.Phil. (Mass Communication), Ph.D. (HKU, Hong Kong); (8) Shabnam Azim, MSS (Mass Communication & Journalism) (9) Md. Saiful Alam Chowdhury, MSS (Mass Communication & Journalism), MA (Media Arts Cultures, Erasmus Mundus, DUK, AAU, UOL) [On study leave].

Assistant Professor

(1) Samia Rahman, MA (Mass Communication & Journalism); (2) Md. Khorshed Alam, MSS (Mass Communication & Journalism), Ph.D. (South Florida); (3) Saiful Hoque, MSS (Mass Communication & Journalism), Ph.D. (Korea); (4) Kajalie Shehreen Islam, MSS (Mass Communication & Journalism), MA (SOAS), Ph.D. (SOAS); (5) Amina Khatun, MSS (Mass Communication & Journalism); (6) Md.

Asaduzzaman, MSS (Mass Communication & Journalism), MA (Leeds); (7) Rubaiya Zannat, MSS (Mass Communication & Journalism) [On study leave]; (8) Marzia Rahman, MSS (Mass Communication & Journalism); (9) Tahmina Haque, MSS (Mass Communication & Journalism).

Honorary Professor

Professor Sakhawat Ali Khan, MA (Bangla), MA (Journalism), Ph.D.

Part-Time Teacher

(1) Mr. Shahed Kamal; (2) Prof. Dr. Syed Azizul Haque; (3) Prof. Dr. Md Shahadat Hossen; (4) Dr. Sharmeen Chowdhury; (5) Mr. Quazi Rownaque Hossain; (6) Ms. Tropa Majumder; (7) Mr. Mahmud Menon Khan; (8) Mr. Ajay Das Gupta; (9) Mr. Anisur Rahman; (10) Mr. Samir Ahmeed; (11) Md. Sayem; (12) Qurratul-Ain- Tahmina.

Number of Students

Year and class	Numbers
MSS 11 th Batch	66
BSS 12 th Batch	72
BSS 13 th Batch	70
BSS 14 th Batch	73
BSS 15 th Batch	70
MPhil	03
PhD	03
Total	357

Examination Results

Year and Class	No. of exami nees	Pas sed	Faile d	Percen tage of pass
MSS 10 th Batch, 1 st Semester	53	53	00	100
MSS 10 th Batch, 2 nd	53	53	00	100

Semester				
BSS 11 th Batch, 7 th Semester	66	66	00	100
BSS 11 th Batch, 8 th Semester	66	65	01	98.48
BSS 12 th Batch, 5 th Semester	70	70	00	100
BSS 12 th Batch, 6 th Semester	71	71	00	100
BSS 13 th Batch, 3 rd Semester	69	69	00	100
BSS 13 th Batch, 4 th Semester	69	69	00	100
BSS 14 th Batch, 1 st Semester	73	73	00	100
BSS 14 th Batch, 2 nd Semester	73	73	00	100
BSS 12 th Batch, 5 th Semester	70	70	00	100

Academic and Co-curricular activities

Due to Covid-19 pandemic, there were no academic and Co-curricular activities held during 2020-2021 academic session at the Department of Mass Communication and Journalism.

Academic and related activities of faculty members

Dr. Kajalie Shehreen Islam

Publications

- Islam, K. S., 2020. Advertising nationalism: Commemorating the liberation war in Bangladeshi print advertisements. *Media, War & Conflict*, pp. 1-25. <https://doi.org/10.1177/1750635220950365>

Conferences/Seminars/Workshops

Speaker

- Research Seminar (Centre for Global Media and Communication, SOAS, November 2020) Presented paper titled “Advertising Nationalism: Commemorating the liberation war in Bangladeshi print advertisements”

Dr. Khorshed Alam

Awards & Research Grants

- 2021, April Faculty Summer Research Fellowship, University of Richmond, Virginia, USA (\$ 6000)
- 2021, April Faculty Research Grant, University of Richmond, Virginia, USA (\$ 6000)
- 2020, Nov. Top Paper Award. Asian/Pacific American Studies Division. National Communication Association (NCA) (\$220)

Journal Article

- Alam, K. (2021). Framing Bangladesh in the US media: A postcolonial analysis, *International Communication Gazette*. 83(4) 371–389

Book Chapter

- Alam, K. (2021). Changing landscape of Bangladesh advertising industry: A chronological sketch, In R. Das & P. Chattopadhyay (Eds.) *Convergence of culture, communication and media in South Asian region*, Delhi: Primus.

Conference Papers & Presentation Book

- Alam, K. (2021, May). *Becoming ‘global’: Aspiring a ‘cool’ youth through advertising in postcolonial Bangladesh* at the International Communication Association (ICA) conference. Denver, Colorado, USA
- Alam, K. (2021, May). *Youth and Resistance: Framing of Safer Road Movement 2018 of Bangladesh in leading newspapers* at the International Communication Association (ICA) conference. Denver, Colorado, USA
- Alam, K. (2021, February). *Representation of Bangladeshi youth movement in global media*. South Asian Media and Culture Studies Conference, Florida State University, USA
- Alam, K. (2020, November). *Branding hijab: Construction of a moral consumer in Bangladeshi advertising*. Paper presented at

the National Communication Association (NCA) conference. Indianapolis Indiana, USA. (Top Paper Award)

- Alam, K. (2020, November). *Rana Plaza collapse in Bangladesh: Framing the world's deadliest apparel industry disaster by the USA media*. Paper presented at the National Communication Association (NCA) conference. Indianapolis Indiana, USA.

Service to Academic Communities

- 2020 (May-Dec.) Member of Department of Communication recruitment committee on Diversity: Equity, Accountability, and Inclusion, University of South Florida

Professional Training

- 2020, Aug.- Dec. Online Instructor Certificate course, University of South Florida
- 2020, Sept. Title IX (sexual violence, sexual harassment and gender discrimination), University of South Florida

Md. Asaduzzaman

Journal Article

- Asaduzzaman, M. (2021). Transgender Representation in Bangladeshi Film: An Analysis of the Film Common Gender. *Social Science Review*, 38(1), 69–92. <https://doi.org/10.3329/ssr.v38i1.56525>

Department of Public Administration (1972)

Chairman

Professor Dr. Ferdous Arfina Osman, MSS, Ph.D. (Manchester)

Professor

(1) Nazmul Ahsan Kalimullah, MSS, Ph.D. (Birmingham), Post Doctoral (Bath), Post Graduate Diploma in Journalism (PIB) [Deputation]; (2) Musleh Uddin Ahmad, MSS, Ph.D.; (3) Mobasser Monem, MPA (Antwerp), Ph.D. (London), Post Doctoral (University of Sussex, UK and University of Heidelberg, Germany); (4) Firdous Zareen, MSS; (5) Ferdous Arfina Osman, MSS, Ph.D. (Manchester); (6) Naznin Islam, MSS,

Ph.D.; (7) Momtaz Jahan, MSS, Ph.D.; (8) Syeda Lasna Kabir, MSS, M. Phil (Norway), Ph.D (India).

Associate Professor

(1) Nusrat Jahan Chowdhury, MSS, M.Phil. (Norway), Ph.D. (New Zealand); (2) Abu Hossain Muhammad Ahsan, MSS, M.Phil (Norway); (3) Sadik Hasan, MSS, MPA (USA), Ph.D. (Australia).

Assistant Professor

(1) Md. Shahriar Islam, MPA (UK) [Study leave]; (2) Mohammad Bashir Mia Khadem, MSS, M.Sc (Manchester); (3) Adila Reza Hasan, MSS, M.Sc. (Manchester); (4) Arifur Rahman Bhuiyan, MSS, MPA (USA).

Lecturer

(1) Merilin D' Rozario, MSS [Study leave]; (2) Aaqib Zahid, MSS (Dhaka), MPP (Sydney).

Professor [LPR]

(1) Aka Firrowz Ahmad, MSS (Dhaka), Ph.D (Dhaka); (2) Akhter Hussain, MSS (Dhaka), Ph.D (Panjab), India.

Number of Students of the Department:

Semester/M.Phil/Ph.D	Number of Students
1 st Semester 2020 - 2021	120
3 rd Semester 2019 - 2020	110
5 th Semester 2018 - 2019	110
7 th Semester 2017 - 2018	110
MSS 1 st Semester 2016 - 2017	100
M.Phil.	12
Ph.D.	02

Department of Anthropology (1993)

Chairman

Professor Dr. Farhana Begum, MSS, MA (Carleton University, Canada), Ph.D. (University of British Columbia, Canada)

Professor

(1) Shaheen Ahmed, MA, M.Phil (Cambridge University) [LPR]; (2) Zahidul Islam, MA, Ph.D. (Benaras Hindu University, India); (3) Saifur Rashid, MSS, Ph.D. (Curtin University, Australia), Post Doc. (Curtin University, Australia); (4) Hasan A. Shafie, MSS, M.Phil (University of Bergen, Norway); (5) Shaila Sharmeen, MSS, Ph.D. (Kyoto University, Japan); (6) Md. Rafiul Islam, MSS, MA (Nagoya University, Japan), Ph.D. (James Cook University, Australia); (7) Raasheed Mahmood (31-03-2021 Until), MSS, MA (University of New South Wales, Australia).

Associate Professor

(1) S. M. Arif Mahmud, MSS, Ph.D.; (2) Nasima Sultana, MSS, M.Phil (Cambridge University, UK); (3) Zobaida Nasreen, MSS (JU), MA (Hiroshima University, Japan), Ph.D. (Durham University, UK); Post Doc. (Rice University, USA, on Fulbright Visiting Scholar Award); (4) Kazi Shahedul Halim, MSS (University of Tampere, Finland), Ph.D. (University of Tampere, Finland); (5) Ishrat Jahan, MSS, Ph.D. (Durham University, UK).

Assistant Professor

(1) Sumaiya Habib, MSS, Ph.D.; (2) Rasheda Rawnak Khan, MSS (JU), Ph.D. Researcher (American University, Washington DC, USA) [on leave]; (3) Fahmid Al Zaid, MSS [on leave]; (4) Dr. Mohammad Tareq Hasan, MSS, M.Phil, Ph.D. (University of Bergen, Norway); (5) Sayed Arman Hossain, MSS.

Lecturer

Tahura Enam Navile, MSS, M.Phil. (University of Tromso, Norway).

Honorary Professor

Professor Dr. Shahed Hassan (05-10-2020 Until , MA, Ph.D. (Philippines), Post Doc. (Osaka, Japan).

Part-Time Teacher

Rumana Rafique, Assistant Professor, Department of English, University of Dhaka.

Number of Students

Class	Number
28 th Batch BSS (Honors) 2 nd Semester	57
27 th Batch BSS (Honors) 4 th Semester	55
26 th Batch BSS (Honors) 6 th Semester	55
25 th Batch BSS (Honors) 8 th Semester	46
24 th Batch MSS 2 nd Semester	51
M.Phil.	07
Ph.D.	05
Total	276

Published Results

As per university guideline no semester final examination was held during this time due to pandemic Covid-19 crisis. However, the department tried its best to follow the central guideline of the University of Dhaka to continue its academic activities online.

Publications

Professor Dr. Farhana Begum, Chairperson

a) Journal Articles

1. Begum, F. (2021). Perception of COVID-19 in Bangladesh: Interplays of Class and Capital. *Society and Culture in South Asia*, Vol 07, No 1, Pp. 32-47
2. Begum, F. (2020). A Review Essay on New Horizon in Medical Anthropology. *Man and Culture*, V 5 (1), Pp. 177-179.

b) Book Chapters

1. Begum, F. (2021). Children with autism and their health seeking process: Assessing in the light of the culturalist versus materialist debate. In A. Chowdhury (eds.), *Applied Anthropology: The Science for Humankind* (pp. 126-148). Dhaka: Ananya
2. Begum, F. (with A.J.M. Shafiul Alam Bhuiyan) (2021). COVID-19: Crisis communication and risk perception. In Z. Ahmed and H. Rahman (eds.), *Covid-19 Diary* (pp. 30-32). Dhaka: Shongbed

Professor Dr. Saifur Rashid

1. Conference Presentation: Building and/ or Re-building 'Image of Dhaka University': The Issues of 'Global Standards' and 'Local Challenges' in 'International Conference on Celebrating 100 Years of the University of Dhaka: Reflections from Alumni—International and National Webinar 1 History of the University of Dhaka & Higher Education in Bangladesh, held in 24 January 2021
2. Book Chapter Contribution: Intangible Cultural Heritage, Urban Space and Social Cohesion: The Case of Dhaka City in Bangladesh (Chapter 4) in the book: Intangible Cultural Heritage in Urban Contexts, Publisher: ICHNGO FORUM, National Heritage Board, DUTCH CENTRE FOR INTANGIBLE CULTURAL HERITAGE, in September 2020
3. Presentation: Diversity, Hostility and Homogeneity of ICH in Asia and the Pacific: The Case of Religion in Bangladesh from South Asian Perspective, in the 'Asia Pacific Higher Education Network for Intangible Cultural Heritage Week' held in August 2020 in Seoul, Republic of Korea
4. Moderator: ICH Webinar Series on Intangible Cultural Heritage in Pandemic –ICHCAP, held in July 2020, organized by ICHCAP, South Korea and UNESCO Office, Bangkok as part of the Conference: The Impact of COVID-19 on ICH Safeguarding in the Asia-Pacific Region

Professor Dr. Shaila Sharmeen**a) Journal Article**

1. Sharmeen, S. (2020). Graduated Sovereignty Vis-a-Vis Aspirations: Education for the Adivasi and Cultural Politics in the Barind Region of Bangladesh. *Social Science Review [The Dhaka University Studies, Part-D]*. 37(02) <https://doi.org/10.3329/ssr.v37i2.56503>

Professor Dr. Md. Rafiul Islam**a) Journal Article:**

1. 2020, December, Articulating Oraons Practices and History of Haria Drinking in Northwest Bangladesh: An Anthropological Interpretation. *Man and Culture*, Vol. 5, No, 1, Rajshahi: Institute of Social Research and Applied Anthropology. Pp. 21-41

Dr. S. M. Arif Mahmud, Associate Professor**a) Journal Article:**

1. Graduated Sovereignty Vis-à-Vis Aspirations: Education for the Adivasi and Cultural Politics in the Barind Region of Bangladesh. In *Social Science Review: The Dhaka University Studies, Part-D, Vol. 37, No. 2, December 2020, Faculty of Social Sciences, University of Dhaka. ISSN: 1562-269X.*

Dr. Zobaida Nasreen, Associate Professor**a) Journal Articles:**

1. 2021: 'Internet memes and normalisation of sexism in the time of Covid-19' in 'The Jahangirnagar Review', V-44. Co-author Ahsan Habib.
2. 2021: 'Have You Not Got a Sense of Humour?': Unpacking Masculinity Through Online Sexist Jokes During the COVID-19 Pandemic' in *Society and Culture in South Asia*, Sage Publications, Vol 7, Issue 1, 2021

3. ২০২১: লিঙ্গ বৈচিত্র্য পঠন পাঠন, বাংলা একাডেমী গবেষণা পত্রিকা, জানুয়ারী-জুন ২০২১

Dr. Kazi Shahedul Halim, Associate Professor

a) Journal Article:

1. Halim, K.S. Street Vending During COVID-19: A View from Dhaka City, *Journal of Sociology*, Nazmul Karim Study Centre, University of Dhaka. Vol.11, no.1, pp. 105-122, December 2020

Dr. Mohammad Tareq Hasan, Assistant Professor

a) Journal Articles:

1. Graduated Sovereignty Vis-a-Vis Aspirations: Education for the Adivasi and Cultural Politics in the Barind Region of Bangladesh. *Social Science Review*. 37(02): 1-26 (2020). Co-authored with Shaila Sharmeen and S. M. Arif Mahmud.
2. Pandemic and the Realm of “Unreason” in Bangladesh. *Chakra: A Nordic Journal of South Asian Studies*. Special issue: Articulations of a Pandemic: Researching and Navigating South Asia in Times of Covid-19, 87-96 (2020).
3. The COVID-19 pandemic: Why are Some Countries Coping More Successfully than Others?. *Asia Pacific Journal of Public Administration*. 42(3): 153-169, DOI: 10.1080/23276665.2020.1784769, (2020). Co-authored with Hasan Muhammad Baniamin and Mizanur Rahman.

Seminar/ Conference/ Workshop Attendance/ Presentation/ Academic Award

Professor Dr. Zahidul Islam:

Seminar/ Workshop Attendance/ Presentation:

1. Presented key findings of the project entitled ‘**Biocultural Resources and Climate Change: Assessing the vulnerability and Resilience of Small Ethnic Communities in Bangladesh**’ on March 2, 2021, at the Conference Room,

Department of Development Studies, Arts Building (4th floor), University of Dhaka, Bangladesh. The seminar unveiled potential risks, local adaptation options and culture of resilience to reduce the risks of small ethnic communities to climate change and variability.

Dr. S. M. Arif Mahmud, Associate Professor

Seminar/ Workshop Attendance:

1. The Virtual TIESS International Education & Skill Summit. An International Virtual Summit organized by India Didactics Association, India, 27-30 January 2021.
2. Integrating ICH & SDG in Cultural Policy. A National Workshop (Virtual) organized by Shadhona, UNESCO enlisted NGO, Dhaka, Bangladesh, 23-24 January 2021.

Dr. Mohammad Tareq Hasan, Assistant Professor

Virtual Conference Attendance/ Presentation:

1. Blue-collar Workers of the Platform Economy in Bangladesh: Policy Needs of the Precariat in South Asia. Shaping the 2020s: Symposium for Workers’ Future in Asia, Research Conference by Friedrich-Ebert-Stiftung (FES), Office for Regional Cooperation in Asia, 24-25 November 2020, Virtual Conference.
2. The Life-world Outside Garment Factories: Women’s Economic Autonomy and Freedom in Bangladesh. EASA 2020 New Anthropological Horizons in and beyond Europe by the European Association of Social Anthropologists, 20-24 July 2020, Virtual Lisbon conference.
3. Realities of the Corporate Solutions of ‘Crises’ in the Garment Factories of Bangladesh: Auditing, CSR, and Labour Law. EASA 2020 New Anthropological Horizons in and beyond Europe by the European Association of Social Anthropologists, 20-24 July 2020, Virtual Lisbon conference.

Field Work (July 2020- June 2021)

Because of the pandemic Covid-19 it was not possible to organize any departmental fieldwork for BSS (Honours) students of different semesters.

Department of Population Sciences (1998)**Chairman**

Professor Md. Rabiul Haque, M.S.S, M.H.I.D. (Australia), Ph.D. (Macquarie, Australia)

Professor

(1) Md. Aminul Haque, M.S.S, M.A (Belgium), Ph.D. (Heidelberg, Germany); (2) Mohammad Mainul Islam, M.S.S, Ph.D. (Peking, China), Post Doctoral (McGill, Canada); (3) Tehmina Ghafur, M.S.S, M.A (The Netherlands), Ph.D. (Dhaka); (4) Mohammad Bellal Hossain, M.S.S, M.Sc. (Australia), Ph.D. (UK).

Associate Professor

(1) Md. Mehedi Hasan Khan, M.S.S.; (2) A H M Kishowar Hossain, M.S.S, Diploma-in-Law (London), M.Sc. (Denmark); (3) Gaylan Peyari Tarannum Dana, M.S (Australia), Ph.D.

Assistant Professor

(1) Farhana Ferdous Luna, M.S.S, M.S.S in Gerontology (UK); (2) Sanjit Roy, M.S. [on study leave]; (3) Mohammad Sazzad Hasan, M.S. [on study leave]; (4) Nusrat Jafrin, M.S.S. [on study leave].

Lecturer

(1) Shafayat Sultan M.S.S.; (2) Md. Zakiul Alam M.S.S.; (3) Sawkia Afroz M.S.S.; (4) Md. Mahir Faysal, M.S.S.

Adjunct Faculty

(1) Professor Gobinda Chakraborty, Ph.D. Department of Political Science, University of Dhaka; 3.Md. Mahabub Ul Anwar, PhD, Public Health Specialist U.S. Centers for Disease Control and Prevention Bangladesh Country Office, U.S. Embassy; (2) Mrs. Salina Siddiqua,

Assistant Professor, Department of Development Studies, University of Dhaka; (3) Ms. Nasrin Lipi, Lecturer, Institute of Statistical Research and Training Institutes, University of Dhaka.

Number of Students

Class	Session	Numbers
Ph.D.	2014-2015	02
Ph.D.	2016-2017	02
Ph.D.	2017-2018	01
M.Phil.	2014-2015	01
M.Phil.	2015-2016	03
M.Phil.	2016-2017	02
M.Phil.	2017-2018	02
M.Phil.	2019-2020	01
Master of Population Sciences	2019-2020	21
Master of Population Sciences	2020-2021	14
M.S.S (Masters)	2019-2020	20
M.S.S (Masters)	2020-2021	20
B. S. S (Hons)	2017-2018	19
B. S. S (Hons)	2018-2019	29
B.S.S (Hons)	2019-2020	32
B.S.S (Hons)	2020-2021	24

Educational activities

1. In the academic Year 2018-2019, a total of 20 students have obtained Master of Social Sciences (M.S.S) degree 04 students successfully completed their theses on various issues in the field of population sciences.
2. In the academic Year 2018-2019, a total of 19 students have obtained Master of Population Sciences (M.P.S) degree.

Departmental Activities

1. In observance of the World Population Day 2020 and launching the annual Report of the State of World Population 2020, the Department of Population Sciences, University of Dhaka (DPSDU), in collaboration with UNFPA Bangladesh, organized

the DPSDU-UNFPA Bangladesh Webinar dated on 11 July, 2020 (Saturday). The webinar was inaugurated by Professor Dr. Md. Akhtaruzzaman, Honourable Vice Chancellor, University of Dhaka. The chief guest of the webinar was Ms. Fazilatun Nessa Indira, MP, Honourable State Minister, Ministry of Women and Children Affairs, Government of Bangladesh and the special guests were Professor Dr. Sadeka Halim, Dean, Faculty of Social Sciences, DU and Dr. Asa Torkelsson, UNFPA Country Representative, Bangladesh. About 250 participants including Seniors Policy Experts, Honourable Members of Parliament, Officials of MOHFW, MOWCA, Academia, Civil Societies, Development Partners, NGOs participated in the webinar.

Two key presentations were presented in the webinar. The first presentation was done by Dr Mohammad Mainul Islam, Professor and Chairman, Department of Population Sciences, University of Dhaka, on 'Defying the harmful practices that undermine equality in women and girls in pandemic and shadow pandemic in Bangladesh'. The second one was presented by Dr. Mohammad Bellal Hossain, Professor, Department of Population Sciences, University of Dhaka, on 'How to safeguard the health of women and girls during COVID-19'.

2. The Department of Population Sciences in association with UNFPA Bangladesh constructed a policy brief on Healthy and Active Ageing: The Panacea to Reap the Longevity Dividend. This policy brief mainly utilized the data of the Study of Older Population in Bangladesh (SOPB), which was conducted by the Department of the Population Sciences (DPS), University of Dhaka. It has also utilized data of the Sample Vital Statistics Registration System of Bangladesh, published by the Bangladesh Bureau of Statistics and the World Population Prospects 2019 published by the United Nations Population Division.
3. The Department of Population Sciences in association with UNFPA Bangladesh constructed a policy brief on Care and support: voices of the older people in Bangladesh. This policy

brief primarily used data of the 'Study on Older Population in Bangladesh', which was conducted with a nationally representative sample of 6272 older persons by the Department of the Population Sciences of the University of Dhaka(DPSDU) 3 . It also used relevant government information and related policies to explore and integrate the gaps and suggest policy measures.

4. The Department of Population Sciences in association with UNFPA Bangladesh constructed a policy brief on Ending Child Marriage to Childhood Mortality Reduction in Bangladesh. This policy brief brought attention on the importance of elimination of child marriage for making improvements in child mortality situation through focusing on the consequences of child marriage on child mortality primarily on the basis of the findings of a research conducted by the Department of Population Sciences of University of Dhaka with supports from UNFPA titled 'CONTEXT OF CHILD MARRIAGE AND ITS IMPLICATIONS IN BANGLADESH' during the period from August 2015 to December 2016.
3. Department of Population Sciences conducted a research on Effects of Coronavirus Disease (COVID-19) on Family Planning and Maternal Health Services in Bangladesh which was started in September, 2020 and the data collection was finished on January 2021. The research aimed to unpack the effects of COVID-19 on fertility, mortality/morbidity, and marriage pattern in Bangladesh. The research adopted a mixed-methods strategy to answer the specific research questions. The study triangulated multiple data sources, which included both primary and secondary data sources. The research team of this research was:

Sl No.	Name and Designation	Role in the Research
1.	Professor Mohammad Bellal Hossain, PhD	Principal Investigator
2.	Professor Tehmina Ghafur, PhD	Co-Investigator

3.	Professor Md Aminul Haque, PhD	Co-Investigator
4.	Professor Mohammad Mainul Islam, PhD	Co-Investigator
5.	Professor Md Rabiul Haque, PhD	Co-Investigator
6.	Shafayat Sultan, Lecturer	Co-Investigator
7.	Md Zakiul Alam	Co-Investigator
8.	Md Mahir Faysal	Co-Investigator

6. The Department of Population Sciences, University of Dhaka in cooperation with UNFPA Bangladesh has arranged a lecture as a part of Lecture Series on Population and Development on 16th September, 2020. The Speaker of the Lecture was Dr Abbas Bhuiya, Former Deputy Executive Director, icddr,b. The topic of Dr Bhuiya's Lecture is Journey from Statistics to Demography: Life Experiences from a Practitioner. The lecture took place through online platform ZOOM with the participation of around 100 participants.
7. The Department of Population Sciences, University of Dhaka in cooperation with UNFPA Bangladesh has arranged a lecture as a part of Lecture Series on Population and Development on 27th September, 2020. The Speaker of the Lecture was Dr Kanta Jamil, Senior Monitoring, Evaluation and Research Advisor, USAID Contractor, Office of Population, Health, Nutrition and Education, United States Agency for International Development, Bangladesh. The topic of Dr Jamil's Lecture was Why teenage childbearing remains high in Bangladesh despite substantial increase in female education and contraceptive use? The lecture took place through online platform ZOOM with the participation of around 100 participants.
7. In observance of the International Day of Older Persons, The Department of Population Sciences, in cooperation with UNFPA Bangladesh has arranged a Panel Discussion on 'Older Persons in Bangladesh: Priorities and Challenges' on October 1, 2020. A

group of eight eminent experts were present as Panelist to discuss on the provided topic. The designated panelists in this Panel Discussion were:

8.

Serial	Name of the Panelist	Designation
1	Prof. Dr. A K M Nurun Nabi	Founder Chairman, Department of Population Sciences, University of Dhaka
2	Prof. Dr. Nasima Sultana	Additional Director General, Directorate General of Health Services
3	Dr. Sharifa Begum	Former Senior Research Fellow, Bangladesh Institute of Development Studies
4	Dr. Md. Jashim Uddin	Deputy Managing Director, Palli Karma Sahayak Foundation
5	Dr. Fariha Haseen	Associate Professor, Department of Public Health and Informatics, BSMMU
6	Md. Jahangir Alam	Head of Party, HelpAge International Bangladesh
7	Abul Haseeb Khan	Executive Director, Resource Integration Center
8	Salina Akhter	Founder and Secretary General, Subrata Trust

The session was chaired by Professor Dr. Mohammad Mainul Islam, Department of Population Sciences, University of Dhaka and was moderated by Professor Dr. Mohammad Bellal Hossain, Department of Population Sciences, University of Dhaka.

9. The Department of Population Sciences in cooperation with UNFPA Bangladesh has organized a two day conference titled 'International E-conference on Emerging Population Issues' via online platform Zoom. The conference highlighted on different

emerging population issues such as Human Capital Development and Demographic Dividend, Migration and Development, Active Aging and Wellbeing, Health System, Universal Health Coverage and SRHR, and Climate Change, Displacement and Challenges and through the discussions of different technical sessions, different recommendations were made. Amidst this pandemic period, the e-conference facilitated the successful search for meaningful conclusions regarding the population related development and wellbeing both globally and nationally.

10. The Department of Population Sciences has submitted the proposal of a book titled 'Population and Development Processes in Bangladesh: Contributions of the Department of Population Sciences' as a part of the celebration of Centennial of University of Dhaka and Golden Jubilee of the Independence of Bangladesh. The book proposal was submitted under the 'Book Publication Project on the observance of the Centennial of University of Dhaka and Golden Jubilee of the Independence of Bangladesh' of Dhaka University Authority.

Teachers' Participation in Seminar/Workshop/Conference/ Research/ Report and Published Articles:

Prof. Dr. Md. Rabiul Haque

Journal:

1. Chowdhury, M. A. B., Islam, M., Rahman, J., Uddin, M. T., Haque, M. R., & Uddin, M. J. (2021). Changes in prevalence and risk factors of hypertension among adults in Bangladesh: An analysis of two waves of nationally representative surveys. *PLoS ONE*, 16(12), e0259507. doi: 10.1371/journal.pone.0259507.
2. **Haque**, M. A., Islam, M. K., Haque, M. R., & Afrin, S. (2021). Demographic dividend of Bangladesh and opportunities for overseas employment *Multidisciplinary Journal of Social Science Research Council*, 1(1), 29-46.

Prof. Dr. Md. Aminul Haque

Research:

1. **Haque**, M. A.; Afrin, S.. 2021. Active Aging Index in Bangladesh: A Comparative Analysis with a European Approach. *Journal of Aging International* (2021). <https://doi.org/10.1007/s12126-021-09429-7>
2. Haque, M. A.; Islam, M. K.; Rabiul, M.H.; Afrin, S.. 2021. Demographic Dividend of Bangladesh and Opportunities for Overseas Employment. *Multidisciplinary Journal of Social Science Research Council (SSRC)*. Vol 1 & Issue 1: Social Science Research Council (SSRC), Ministry of Planning. Dhaka. ISSN: 2664-0945; 2664-0953.
3. Chowdhury, M.A.B., Epnere, K., **Haque**, M.A. et al. 2020. Urban rural differences in prevalence and risk factors of self-reported hypertension among Kenyan women: a population-based study. *J Hum Hypertens* (2020). <https://doi.org/10.1038/s41371-020-00435-x>

Prof. Dr. Mohammad Mainul Islam

Journal:

1. **Mohammad Mainul Islam**, Md. Anwer Hossain and MD. Yeasir Yunus (2021). Why is the use of contraception so low among the Rohingya displaced population in Bangladesh?, *The Lancet Journal of Regional Health- Western Pacific*, Volume 13, 100246, August 01, 2021 [https://www.thelancet.com/journals/lanwpc/article/PIIS2666-6065\(21\)00155-3/fulltext](https://www.thelancet.com/journals/lanwpc/article/PIIS2666-6065(21)00155-3/fulltext) [https://www.thelancet.com/pdfs/journals/lanwpc/PIIS2666-6065\(21\)00155-3.pdf](https://www.thelancet.com/pdfs/journals/lanwpc/PIIS2666-6065(21)00155-3.pdf)
2. **Mohammad Mainul Islam** and MD. Yeasir Yunus (2020). Rohingya refugees at high risk of COVID-19 in Bangladesh, *The Lancet Global Health* (Impact Factor: 21.597), Volume 8, ISSUE

8, e993-e994, August 01, 2020, DOI:
[https://doi.org/10.1016/S2214-109X\(20\)30282-5](https://doi.org/10.1016/S2214-109X(20)30282-5)
[https://www.thelancet.com/journals/langlo/article/PIIS2214-109X\(20\)30282-5/fulltext](https://www.thelancet.com/journals/langlo/article/PIIS2214-109X(20)30282-5/fulltext)

3. Tehmina Ghafur, **Mohammad Mainul Islam**, Nazmul Alam and Mohammad Sazzad Hasan (2020). Health and Demographic Surveillance System Sites: Reflection on Global Health Research Ethics, *Journal of Population and Social Studies* (JPSS), Vol. 28 No. 3 (2020): July – September 2020, 265-275 <https://so03.tci-thaijo.org/index.php/jpss/article/view/207700/164392>

Reports:

4. **Mohammad Mainul Islam**, Shafayat Sultan and Mohammad Bellal Hossain (2021). “Elder Abuse in the COVID-19 Era in Bangladesh” in the 2021 Spring/Summer Issue of *ISSUE FOCUS*, ASEM Global Ageing Center. June 21, 2021
http://www.asemgac.org/bbs/bbs/view.php?bbs_no=47&data_no=1555&page_no=1&sub_id=https://duap.du.ac.bd/upload/download/Policy_Brief_CM_and_Child_Mortality_22-8-2020.pdf
5. **Mohammad Mainul Islam**, Mohamad Bellal Hosain and Shafayat Sultan (2020). The impact of COVID-19 on older persons. *Bangladesh Country Annual Report 2020*. UNFPA-HelpAge International regional initiative to monitor the situation of older persons in the Asia Pacific in light of the COVID-19 pandemic, December 2020
https://ageingasia.org/wp-content/uploads/2020/12/Bangladesh_analytical_report_23122020.pdf
6. **Mohammad Mainul Islam**, Mohamad Bellal Hosain and Shafayat Sultan (2020). The impact of COVID-19 on older persons. Bangladesh Country Brief. UNFPA-HelpAge International regional initiative to monitor the situation of older persons in the Asia Pacific in light of the COVID-19 pandemic, September 2020

<https://ageingasia.org/wp-content/uploads/2020/10/Bangladesh-Analytical-Brief-September-2020.pdf>

7. **Mohammad Mainul Islam**, Mohamad Bellal Hosain and Shafayat Sultan (2020). The impact of COVID-19 on older persons. Bangladesh Country Brief. UNFPA-HelpAge International regional initiative to monitor the situation of older persons in the Asia Pacific in light of the COVID-19 pandemic, July 2020
<https://ageingasia.org/monitoring-covid-19-impact/>

Prof. Dr. Mohammad Bellal Hosain

Journal:

1. 2021 **Hossain, M.B.**, Alam, M.Z., Islam, M.S., Sultan, S., Faysal, M.M., Rima, S., Hossain, M.A., Mahmood, M.M., Kashfi, S.S., Mamun, A.A., Monia, H.T., & Shoma, S.S. 2021. COVID-19 public stigma in the context of government-based structural stigma: A cross-sectional online survey of adults in Bangladesh. *Stigma and Health*, 6(2): 123-33.
<https://doi.org/10.1037/sah0000305>
2. 2020 **Hossain, M.B.**, Alam, M.Z., Islam, M.S., Sultan, S., Faysal, M.M., Rima, S., Hossain, M.A., Mahmood, M.M., Kashfi, S.S., Mamun, A.A., Monia, H.T., & Shoma, S.S. 2020. Do knowledge and attitudes matter for preventive behavioral practices toward the COVID-19? A cross-sectional online survey among the adult population in Bangladesh *Heliyon*, 6 (2020) e05799. DOI:<https://doi.org/10.1016/j.heliyon.2020.e05799>
3. 2020 **Hossain, M.B.**, Alam, M.Z., Islam, M.S., Sultan, S., Faysal, M.M., Rima, S., Hossain, M.A., Mahmood, M.M., Kashfi, S.S., Mamun, A.A., Monia, H.T., & Shoma, S.S. 2020. Population-level preparedness about preventive practices against COVID-19: A cross-sectional study among adults in Bangladesh. *Frontiers in Public Health*. 8:582701. doi: 10.3389/fpubh.2020.582701

Dana, Gaylan Peyari Tarannum**Journal:**

1. **Dana, G.P.T.** and Afroz, S. (2021). 'Readiness of Health Facilities to Provide Institutional Delivery Care: A Study Based on Bangladesh Health Facility Survey-2017' *Social Science Review, The Dhaka University Studies Part-D*, December 2021, Vol, 38(1), 17-32.
2. **Dana, G.P.T.** and Roy, S., (2021). 'Trend of 4+ Antenatal Care Visits by Rural Women in Bangladesh: An Analysis from Bangladesh Demographic and Health Survey 2004-2014' *Bangladesh Journal of Public Administration (BJPA)*, 29(3): 61-73
3. **Dana, G.P.T.** and Roy, S., (2020). Socio-economic and Demographic Factors Associated with Maternal Healthcare-Seeking Behaviour in Bangladesh: A Comparative Analysis. In *Population Dynamics in Eastern India and Bangladesh* (pp. 275-291). Springer, Singapore.

Shafayat Sultan**Journal:**

1. **2021 Hossain, M. B., Alam, M. Z., Islam, M. S., Sultan, S., Faysal, M. M., Rima, S., Hossain, M. A., Mahmood, M. M., Kashfi, S. S., Mamun, A. Al, Monia, H. T., & Shoma, S. S.** (2021). COVID-19 public stigma in the context of government-based structural stigma: A cross-sectional online survey of adults in Bangladesh. *Stigma and Health*, 6(2), 123–133. <https://doi.org/10.1037/sah0000305>
2. **2021 Hossain, M. B., Alam, M. Z., Islam, M. S., Sultan, S., Faysal, M. M., Rima, S., Hossain, M. A., Mahmood, M. M., Kashfi, S. S., Mamun, A. Al, Monia, H. T., & Shoma, S. S.** (2021). Population-level preparedness about preventive practices against COVID-19: A cross-sectional study among adults in

Bangladesh. *Frontiers in Public Health*, 8, 941. <https://doi.org/10.3389/FPUBH.2020.582701>

3. **2020 Hossain, M. B., Alam, M. Z., Islam, M. S., Sultan, S., Faysal, M. M., Rima, S., Hossain, M. A., Mahmood, M. M., Kashfi, S. S., Mamun, A. al, Monia, H. T., & Shoma, S. S.** (2020). Do knowledge and attitudes matter for preventive behavioral practices toward the COVID-19? A cross-sectional online survey among the adult population in Bangladesh. *Heliyon*, 6(12), e05799. <https://doi.org/10.1016/j.heliyon.2020.e05799>
4. **2020 Mohammad Mainul Islam, Mohammad Bellal Hossain and Shafayat Sultan** "The impact of COVID-19 on older persons, Bangladesh analytical brief (Report)." UNFPA-HelpAge International regional initiative to monitor the situation of older persons in the Asia Pacific in light of the COVID-19 pandemic (Report). 2020

Md. Zakiul Alam**Journal:**

1. **2021 Alam, M. Z.** (2021). Is population density a risk factor for communicable diseases like COVID-19? A case of Bangladesh. *Asia Pacific Journal of Public Health*, 33 (8), 949-950. (Sage Journals). <https://doi.org/10.1177/1010539521998858>
1. **2021 Hossain, M. B., Alam, M. Z., Islam, M. S., Sultan, S., Faysal, M. M., Rima, S., Hossain, M. A., Mahmood, M. M., Kashfi, S. S., Mamun, A. Al, Monia, H. T., & Shoma, S. S.** (2021). COVID-19 public stigma in the context of government-based structural stigma: A cross-sectional online survey of adults in Bangladesh. *Stigma and Health*, 6(2), 123–133. <https://doi.org/10.1037/sah0000305>
2. **2021 Hossain, M. B., Alam, M. Z., Islam, M. S., Sultan, S., Faysal, M. M., Rima, S., Hossain, M. A., Mahmood, M. M., Kashfi, S. S., Mamun, A. Al, Monia, H. T., & Shoma, S. S.**

- (2021). Population-level preparedness about preventive practices against COVID-19: A cross-sectional study among adults in Bangladesh. *Frontiers in Public Health*, 8, 941. <https://doi.org/10.3389/FPUBH.2020.582701>
3. **2020** Hossain, M. B., **Alam, M. Z.**, Islam, M. S., Sultan, S., Faysal, M. M., Rima, S., Hossain, M. A., Mahmood, M. M., Kashfi, S. S., Mamun, A. al, Monia, H. T., & Shoma, S. S. (2020). Do knowledge and attitudes matter for preventive behavioral practices toward the COVID-19? A cross-sectional online survey among the adult population in Bangladesh. *Heliyon*, 6(12), e05799. <https://doi.org/10.1016/j.heliyon.2020.e05799>
 4. **2020 Alam, M. Z.**, Islam, M. S., & Sultan, S. (2020). Knowledge and practice of emergency contraception among currently-married women in Bangladesh: Evidence from a national cross-sectional survey. *Journal of Population and Social Studies [JPSS]*, 28(4), 308–323. <https://doi.org/10.25133/JPSSv28n4.021>

Sawkia Afroz

Article:

1. Dana, Gaylan Peyari Tarannum, and **Sawkia Afroz**. "Readiness of Health Facilities to Provide Institutional Delivery Care: A Study Based On Bangladesh Health Facility Survey 2017." *Social Science Review* 38, no. 1 (2021): 17-32.

Md. Mahir Faysal

Journal:

1. **2021** Hossain, M. B., Alam, M. Z., Islam, M. S., Sultan, S., **Faysal, M. M.**, Rima, S., Hossain, M. A., Mahmood, M. M., Kashfi, S. S., Mamun, A. Al, Monia, H. T., & Shoma, S. S. (2021). COVID-19 public stigma in the context of government-based structural stigma: A cross-sectional online survey of adults in Bangladesh. *Stigma and Health*, 6(2), 123–133. <https://doi.org/10.1037/sah0000305>

2. **2021** Hossain, M. B., Alam, M. Z., Islam, M. S., Sultan, S., **Faysal, M. M.**, Rima, S., Hossain, M. A., Mahmood, M. M., Kashfi, S. S., Mamun, A. Al, Monia, H. T., & Shoma, S. S. (2021). Population-level preparedness about preventive practices against COVID-19: A cross-sectional study among adults in Bangladesh. *Frontiers in Public Health*, 8, 941. <https://doi.org/10.3389/FPUBH.2020.582701>
3. **2020** Hossain, M. B., Alam, M. Z., Islam, M. S., Sultan, S., **Faysal, M. M.**, Rima, S., Hossain, M. A., Mahmood, M. M., Kashfi, S. S., Mamun, A. al, Monia, H. T., & Shoma, S. S. (2020). Do knowledge and attitudes matter for preventive behavioral practices toward the COVID-19? A cross-sectional online survey among the adult population in Bangladesh. *Heliyon*, 6(12), e05799. <https://doi.org/10.1016/j.heliyon.2020.e05799>

Department of Peace and Conflict Studies (1999)

Chairman

Mr. Saifuddin Ahmed, MSS, M.Phil (Bergen, Norway), Ph.D Student (DU, Bangladesh).

Professor

(1) Md. Rafiqul Islam, MPA, Ph.D. (USA); (2) Md. Rafiqul Islam (Rafiq Shahariar), MSS, MA (UPEACE, Costa Rica), M.Phil, Ph.D. (University of Flinders, Australia).

Associate Professor

(1) Md. Touhidul Islam, MSS, MA (University of Bradford, UK), Ph.D. (University of Bradford, UK); (2) Mr. Saifuddin Ahmed, MSS, M.Phil. (Bergen, Norway), PhD Student (DU, Bangladesh); (3) Saber Ahmed Chowdhury, MSS, M.Phil (Bergen, Norway), Ph.D. (Latrobe, Australia); (4) Mr. Muhammad Sazzad Hossain Siddiqui, MSS, M.Phil (Bergen, Norway), Ph.D Student (University of New England, Australia).

Assistant Professor

(1) Mr. Ziaul Haque, MSS, MA (Linnaeus University, Sweden), Ph.D. Student (Kennesaw State University, USA) [On study leave]; (2) Mr. Mohammad Shaheenur Alam, MSS, M.Phil (Jadavpur, India), Ph.D Student (University of Sussex, UK) [On study leave]; (3) Ms. Fahima Durrat, MSS, MA (SOAS, UK); (4) Mr. Obayedul Hoque Patwary, MSS, MA (University of Tromso, Norway); (5) Ms. Maria Hussain, MA in Peace Studies (University of Bradford, UK); (6) Mr. Anurug Chakma, MSS, MA (University of Antwerp, Belgium), PhD Student (Australian National University, Australia); (7) Mr. F. M. Tunvir Shahriar, MSS.

Lecturer

Ms. Tanima Megdalina Corraya, MSS.

Part-Time Teacher

(1) Professor Dr. Sadeka Halim, Department of Sociology, DU; (2) Professor Mohammad Bellal Hossain, PhD, Department of Population Sciences, DU; (3) Professor Dr. Rumana Islam, Department of Law, DU; (4) Dr. Md. Zahid ul Arefin Chowdhury, Associate Professor, Department of Political Science, DU.

Number of Students

SL.	Name of the Program	Number of Students
1	Ph.D.	01
2	M. Phil.	01
3	MSS 17 th Batch	44
4	BSS (Hons.) 18 th Batch	53
5	BSS (Hons.) 19 th Batch	66
6	BSS (Hons.) 20 th Batch	67
7	BSS (Hons.) 21 th Batch	61
	Total =	293

Examination Result

SL.	Name of the Program	No. of Examinees	Total Pass	Percentage of Pass
1	PhD	01		
2	M. Phil	01		
3	MSS 16 th Batch	34	34	100%
4	BSS (Hons.) 17 th Batch	40	40	100%
5	BSS (Hons.) 18 th Batch	53	53	100%
6	BSS (Hons.) 19 th Batch	52	52	100%
7	BSS (Hons.) 20 th Batch	65	65	100%

Department of Women & Gender Studies (1999)**Chairperson**

Umme Busra Fateha Sultana, Associate Professor, Ph.D (UK)

Professor

(1) Ayesha Banu, Ph.D.; (2) Tania Haque, Ph.D.; (3) Sayed Md. Saikh Imtiaz, Ph.D. (Netherlands).

Associate Professor

(1) Sanzida Akhter, Associate Professor, Ph.D (Australia); (2) Umme Busra Fateha Sultana, Ph.D (UK); (3) Sabiha Yeasmin Rosy, Ph.D (Australia); (4) Soma Dey, Ph.D (Thailand); (5) Fatema Rowshan Jahan, Ph.D (UK).

Assistant Professor

(1) Helal Hossain Dhali, MA (Netherlands) [On study leave]; (2) Aditi Sabur, M.Phil (Norway); (3) Israt Khan Barsha, MA (Hal, UK) [On study

leave]; (4) Md. Mynul Islam, MSS; [On study leave]; (5) Abu Saleh Md. Sowad, MA (UK) [On study leave]; (6) Guley Jannat, MSC (Thailand) [On study leave]; (07) Aumio Srizan Samya, MSS; (8) Afsana Islam, Masters in Social work (Erasmus).

Lecturer

(1) Fariha Jahan, MSS; (2) Rowshan-E-Fatima, MSS [On study leave].

Honorary Professor

Professor Nazmunnesa Mahtab, Ph.D (India).

Part-Time Teacher

(1) Professor Dr. Shahnaz Huda, Dept. of Law; (2) Professor Dr. Jafar Ahmed Khan, Department of Statistics; (3) Shanta Patranobish, Assistant Professor, Department of History.

Total Students

BSS (Honors) : 148

MSS (Masters) : 25

Academic Activities

Course Name	Session	Total Students
1st Year B.S.S (Honors)	2019-2020	44
2nd Year B.S.S (Honors)	2018-2019	41
3rd Year B.S.S (Honors)	2017-2018	28
4th Year B.S.S (Honors)	2016-2017	35
MSS (Masters)	2015-2016	25

The activities of the Department

1. Mujib Borsho Essay Competition: The Department of Women and Gender Studies organized an essay competition titled 'Bangabandhur Gender O Unnoyon Bhabna' at online platform Zoom on 07/02/2021. Honorable Vice Chancellor of Dhaka University Prof. Dr. Md. Akhtaruzzaman was present as the chief guest and Honorable Dean of the

Faculty of Social Sciences, Prof. Dr. Sadeka Halim was present as a special guest. Departmental Chairperson Dr. Sanzida Akhter presided over the ceremony. The program was completed by presenting short documentaries, reciting poems, announcing the names of winners of the essay competition.

2. Celebration of International Women's Day 2021: Department of Women and Gender Studies celebrated two days program on the occasion of International Women's Day on 09/03/2021 and 10/03/2021. Department organized an International e-Conference focused on "Women in 100 years: changes and challenges in the light of development goals and COVID-19". The event was inaugurated by Professor Dr. Md. Akhtaruzzaman, the honorable Vice Chancellor, University of Dhaka, as the chief guest. Professor Dr. Sadeka Halim, the honorable Dean of the Faculty of Social Sciences, University of Dhaka was present in the program as the special guest. In this program national and internationally expert teachers delivered their paper and speech. In the closing ceremony, Professor Dr. A. S. M. Maksud Kamal, honorable Pro-Vice Chancellor (Academic) was present as chief guest and Professor Mahfuza Khanam, President of Asiatic Society of Bangladesh was present as special guest. The Chairperson of the Department of Women and Gender Studies Dr. Sanzida Akhter delivered the welcome speech.

3. Providing Financial aids during Covid-19 Pandemic: Initiated by the teachers Department of Women and Gender Studies provided financial aids during the covid pandemic to the students who were in financial hardship.

4. Strengthening Students psychological wellbeing: In order to motivate students from fatigue and boosting their moral and mental health Dept. of Women and Gender Studies has organized several interactive consultation sessions via zoom platform during Covid.

5. Fresher's Reception: The Department of Women and Gender Studies hosts a "Fresher's Reception" for undergraduate and postgraduate students. The day is celebrated through a variety of educational and educational entertainment programs for the students.

6. Extra Curricular activities: Extra Curricular activities of the students are conducted by the department. The students of the department achieve meritorious results by participating in inter-departmental football and cricket tournament of the university.

Publications

1. Sultana, N. & Dey, S. (2021). From Vulnerability to Resilience: A Study of the Livelihood Struggles of Tiger Widows in Bangladesh. *Asian Journal of Women's Studies*, 27(1), 2-21.1.
2. Laila, R., & Dey, S. (2020). Women's status and fertility: Realities of matrilineal Garo women in Bangladesh. *Empowerment*. Vol.27, 23-40. Dhaka: Women for Women.
3. Women in Politics: Gender Quota and Women's Movements in Bangladesh, Fouzia Mannan & Ayesha Banu, *Rajasthan Journal of Sociology*, Volume 12, October 2020, ISSN 2249-9334
4. Rosy, S. Y. . (2021). Development and Culture in the Context of Chittagong Hill Tracts (Cht), Bangladesh. *Social Science Review*, 37(2), 87-103. <https://doi.org/10.3329/ssr.v37i2.56507>

Department of Development Studies (2000)

Chairman

Professor Dr. Rashed Al Mahmud Titumir, MSS (Economics), MSC in Development & Financial Economics (University of London), Ph.D. (University of London)

Professor

(1) Niaz Ahmed Khan, MSS (University of Chittagong), Ph.D. (University of Wales), Post Doc. (University College Swansea), Post Doc. (Asian Institute of Technology), Post Doc. (University of Oxford); (2) Taiabur Rahman, MSS, Public Administration, M.Phil. (Bergen University), PhD (City University of Hong Kong); (3) M. Abu Eusuf, MSC, Economics, Jahangirnagar University, MA in Development Studies (ISS, Netherlands), Ph.D. (Manchester University); (4) Md. Reazul Haque, Visiting Research Fellow (IDE JETRO, Japan), Ph.D. in Women's Studies, Flinders

University (Australia), MA in Development Studies, ISS, (the Netherlands), MSS & M.Phil, Public Administration.; (5) Rashed Al Mahmud Titumir, MSS (Economics), MSC in Development & Financial Economics (University of London), Ph.D. (University of London); (6) Shuchita Sharmin, MSC, Ph.D., University of Dhaka, (7) Nayeem Sultana, MSS Anthropology, Jahangirnagar University, PhD (Development Studies, University of Bonn, Germany); (8) Kazi Maruful Islam, MSS, MPhil (University of Bergen, Norway), Ph.D. (University of Heidelberg, Germany).

Associate Professor

(1) Mrs. Rounak Jahan MSS, Economics, Master of Development Studies (Dublin); (2) Mrs. Fahmida Sultana, MSS, Economics, Graduate Diploma in International & Development Economics (ANU, Canberra), Masters in International & Development Economics (ANU, Canberra); (3) M. Saiful Islam, MSS, Anthropology, MPhil (Hong Kong University), Ph.D. (Singapore National University), (4) Md. Faruk Shah, MSS, Anthropology, Ph.D. (Auckland); (5) Asif Mohammad Shahan, MSS, Public Administration, MPA, Ph.D. (George Mason University USA); (6) S. M. Humayun Kabir, MSS, Public Administration, MPA (Carleton, Canada).

Assistant Professor

(1) Salina Siddiqua, MSS, Economics, MSC (Lund University, Sweden); (2) Md. Abdul Khaleque, MSS, Economics, Ph.D. (Research Fellow); (3) Abul Bashar Md. Omar Faruk, BSc, Computer Science & Engineering, BUET, MDS, Ph.D. Research Fellow in USA [on leave]; (4) Shubhasish Barua, MSS, Economics, Chittagong University, MSc in Economics & Econometrics (University of Essex, United Kingdom), Ph.D. (Economics, Warwick University, United Kingdom); (5) Sonam Saha, MSS, Development Studies; (6) Md. Imran Hossain Bhuiyan, MSS, Development Studies, MSS (Manchester University); (7) Ebney Ayaj Rana, MSS, (Georgia State University, USA); (8) Elora Sharmin Ela, MSS, Public Administration; (9) Nazia Kabir, MSS MSS, Development Studies; (10) Nazneen Sultana, MSS, Development Studies.

Students

MDS	Number
18 th Batch (2019-2020)	45
19 th Batch (2019-2020)	45
M.S.S 10 th Batch (2020-2021)	28
B.S.S. (Hons.)	
11 th Batch (2017-2018)	28
12 th Batch (2018-2019)	35
13 th Batch (2019-2020)	33
14 th Batch (2020-2021)	32
MPhil (2018-2019)	02
PhD (2017-2018)	04

Publications (2019-20)**Dr. Rashed Al Mahmud Titumir****Books**

1. Titumir, R.A.M. 2021. *Numbers and Narratives in Bangladesh's Economic Development*, Singapore: Palgrave Macmillan.
2. রাশেদ আল মাহমুদ তিতুমীর. ২০২১. যুদ্ধোত্তর থেকে করোনাকাল : বাংলাদেশের পঞ্চাশ বছরের রাজনৈতিক অর্থনীতি (From Independence to COVID-19: The Political Economy of Fifty Years of Bangladesh) □□□□□ □□□□□□ □□□□□□□□
3. Titumir, R.A.M. (ed.). 2021 *COVID-19 and Bangladesh: Response, Rights and Resilience*, Dhaka: University Press Ltd (with Nichole Georgeou and Anis Chowdhury).

Chapters in Books

1. Titumir, R.A.M. 2021. "Class, Power and Inequality in Bangladesh," in Rashed Al Mahmud Titumir, Nichole Georgeou and Anis Chowdhury (eds.) *COVID-19 and Bangladesh: Response, Rights and Resilience*, 2021. Dhaka: University Press Ltd.
2. Titumir, R.A.M. 2021. "Traditional Knowledge, Institutions, and Human Sociality in Sustainable Use and Conservation of

Biodiversity of the Sundarbans of Bangladesh" in Osamu Saito, Suneetha M Subramanian, Shizuka Hashimoto and Kazuhiko Takeuchi (eds.) *Managing Socio-ecological Production Landscapes and Seascapes for Sustainable Communities in Asia: Mapping and Navigating Stakeholders, Policy and Action*. 2020. (with Tanjila Afrin and Mohammad Saeed Islam). Springer Open <https://doi.org/10.1007/978-981-15-1133-2>

Articles in Journals

1. Titumir, R.A.M. and Chowdhury, A. 2021. "Rounding the Corner in COVID-19 Era: An Inclusive Sustainable Recovery Pathway for Bangladesh," *Journal of Governance, Security & Development*. Vol 01. No.2.
2. রাশেদ আল মাহমুদ তিতুমীর. ২০১৯. "করোনাকালে শ্রেণি, ক্ষমতা ও বৈষম্য," ঢাকা বিশ্ববিদ্যালয় পত্রিকা, সংখ্যা ১০০, ডিসেম্বর ২০১৯

Department of Television, Film and Photography (2012)**Chairperson**

Habiba Rahman

Professor

A J M Shafiul Alam Bhuiyan, MA, MA (Carlton), PhD (Simon Fraser)

Assistant Professor

(1) Reffat Ferdous, MSS; (2) Habiba Rahman, MSS; (3) Sheikh Mahmuda Sultana, MA [In Study Leave]; (4) S M Imran Hossain, MA [In Study Leave]; (5) Gopa Biswas Caesar, MA, MA (Simon Fraser).

Lecturer

(1) Saiyeed Shahjada Al Kareem, MSS.

Adjunct Faculties

1. Dr. Baitullah Quaderee, Professor, Department of Bangla, University of Dhaka 2. Farhanaz Rabbani, Associate Professor, Department of English, University of Dhaka 3. Dr. Md. Hasinur Rahaman Khan, Associate Professor, Institute of Statistical Research and Training, University of Dhaka 4. Dr. Abul Mansur Ahmed, Professor, Department of Mass Communication and Journalism, University of Dhaka 5. Nasir Mahmud, Senior Cameraperson, Bangladesh Television 6. Haider Rizvi, Filmmaker 7. Munni Saha, Chief executive editor, ATN NEWS Ltd. 8. Zahidur Rahim Anjan, Associate Professor, Department of Film and Media, Stamford University 9. Mir Attaqui Masruruzzaman, News Editor, Channel I 10. Pankaj Palit, Cinematographer and Teacher Bangladesh Cinema and Television Institute (BCTI) 11. Fauzia Khan, Independent Documentary Filmmaker 12. Amitabh Reza Chowdhury, Filmmaker 13. Rezaur Rahman Khan (Piplu R. Khan), Television Commercial Maker 14. Golam Mostafa, Filmmaker 15. Golam Moshir Rahman Choudhury, CEO, Dreamer Donkey Ltd. 16. Simoom Reza, Head of the Department, Graphic Design and Multimedia, Santo Mariam University of Creative Technology 17. Chaitali Somadder, Lecturer, Pathshala South Asian Media Institute 18. Dr. Shah Md. Nister Jahan Kabir, Dept. of Mass Communication and Journalism, Jagannath University 19. Mynoddin Ahmed, Part-time Teacher, Bangladesh Cinema & Television Institute 20. Mr. Zahid Hossain, Special Affairs Editor, Independent Television Limited 21. Masrur Rahman Masud, Sound Recordist, Television and Film Production 22. Ranjan Rabbani, Art Director 23. Professor Dr. Aksadul Alam, Department of History, University of Dhaka.

Number of the Students

Batch and Semester	No. of Students
MTFP 8 th Batch 1 st Semester	27
MTFP 7 th Batch 3 rd Semester	22
BSS 3 rd Batch 8 th Semester	27
BSS 4 th Batch 6 th Semester	21
BSS 5 th Batch 4 th Semester	32
BSS 6 th Batch 2 nd Semester	29
MSS 2 nd Batch 2 nd Semester	22

Rate of Pass

Batch and Semester	No. of Students	Rate of Pass
MTFP 8 th Batch 1 st Semester	27	100%
MTFP 7 th Batch 3 rd Semester	22	100%
BSS 3 rd Batch 8 th Semester	27	100%
BSS 4 th Batch 6 th Semester	21	95.24%
BSS 5 th Batch 4 th Semester	32	100%
BSS 6 th Batch 2 nd Semester	29	100%
MSS 2 nd Batch 2 nd Semester	22	86.36%

Research

Saiyeed Shahjada Al Kareem

- *Political Cinema in Bangladesh: A Dialogue with Third Cinema.* Dhaka: Bangladesh Film Archive, 2021.
- Rahman, Father of Bengal: The aura of a great leader, Bangladesh Film Archive Journal, no.17 Bangladesh Film Archive, pp.73-79, 2021.

Activities of the Department

Webinar to Celebrate the 9th Anniversary of the Department

An online seminar (webinar) on "COVID Crisis and Screen Industries: Challenges and Future Directions" was organized on 3rd February 2021 to mark the ninth founding anniversary of the Department. The webinar was chaired by Habiba Rahman, chairperson of the Department of Television, Film and Photography. Founder Chairperson of the Department Prof. Dr. A J M Shafiul Alam Bhuiyan delivered the keynote speech. The discussants were Manjurul Ahsan Bulbul, Editor-in-Chief, TV Today; Mushfiqur Rahman Gulzar, President, Bangladesh Film Directors' Association; Md. Iftakharuddin (Naushad), MD, Madhumita Cinema Theater; Khorshed Alam Khasru, President, Bangladesh Film Producers' and Distributors' Association; Munni Saha, Chief Executive Editor, ATN News; Amitabh Reza, Film director and actor Ferdous Ahmed.

Honorable Information Minister of the Government of the People's Republic of Bangladesh Mohammad Hasan Mahmud, MP, attended the webinar as the Chief Guest. Honorable Pro-Vice-Chancellor of Dhaka

University Prof. Dr. A. S. M. Maksud Kamal, Honorable Treasurer of Dhaka University Professor Mamtaz Uddin Ahmed and Honorable Dean of the Faculty of Social Sciences of Dhaka University Professor Dr. Sadeka Halim joined as special guests.

Film Screening and Filmmaking

In addition to screening different films in the classroom, the Department also organizes a regular film screening program every Thursday at 3 pm to introduce the students to world cinema. TFP Film Club makes all the arrangements for the screening.

Although film screenings were suspended in the 2020-2021 academic year due to the closure of the University in the COVID-19 pandemic situation, the Film Club organized several online discussions and question-and-answer sessions on celebrated films from world cinema.

Department of Criminology (2012)

Chairman

Ms. Khandaker Farzana Rahman, MA, Erasmus University Rotterdam, Netherlands

Professor

Zia Rahman; MA (Calgary), Ph.D. (Calgary), Canada.

Assistant Professor

(1) Ms. Khandaker Farzana Rahman; (MA, Erasmus University Rotterdam, Netherlands); (2) Ms. Umme Wara; (LLM, Wollongong, Australia), (LLM, UNICRI, Italy); (3) Ms. Shaharia Afrin (MSS).

Lecturer

(1) Ms. Rahnuma Ayesha Siddiqua (MSS); (2) Mr. Syed Mahfujul Haque Marjan (MSS); (3) Mr. A. B. M. Najmus Sakib (Msc, Netherland).

Students

Year and Class	Session	Number of Students
1 st Year BSS Hons.	2019-2020	72
2 nd Year BSS Hons.	2018-2019	66
3 rd Year BSS Hons.	2017-2018	55
4 th Year BSS Hons. 7 th Semester	2016-2017	60
4 th Year BSS Hons. 8 th Semester	2015-2016	55
MSS Regular	2018-2019	45
M.S.S (Criminology & Criminal Justice)	2018-2019	55
Ph.D.	2015-2016	01
Ph.D.	2017-2018	01
M.phil.		06
Total =		415

Result of Examination

Year and Semester	Success Rate
1 st Year 1 st Semester BSS Hons.	100 %
2 nd Year 3 rd Semester BSS Hons.	100 %
3 rd Year 5 th Semester BSS Hons.	100 %
4 th Year 7 th Semester BSS Hons.	100 %
4 th Year 8 th Semester BSS Hons.	100 %

Departmental Activities

- ❖ During this COVID pandemic, Department of Criminology launched "Virtual Talk Series". A programme entitled as "Perspective of Crime and Crime prevention in the age of Covid-19" was arranged on 10th July 2020. The honorable negotiators were Dr. Zia Rahman, the founding chairman of Department of Criminology and Md. Monirul Islam, the head of Counter Terrorism Unit, Additional Inspector General of Bangladesh Police. Khandakar Farzana Rahman was the moderator of that vary programme.

- ❖ The second virtual talk of Criminology department was held in August 16, 2020 under the title of "Bloodbath on Road and the Subsequent Journey of a New Nation". Professor Dr. Fakrul Alam, Eminent Academic, Writer & Translator and Syed Badrul Ahsan, Eminent Journalist, Editor-in-Charge, The Asian age participated as the discussants / speakers of that program. The moderator of the program was Ms. Umme Wara, Assistant Professor, Department of Criminology, University of Dhaka.
- ❖ Last 19 September, 2020, The Department of Criminology, arranged its 3rd virtual talk on Addressing the challenges of stress management and its way out in covid 19 in the headline of " Looking from youth lens". In this virtual talk, the speaker were Mr. Helal Uddin Ahmed, Associate Professor, Child Adolescent and Family Psychiatry and National Institute of Mental Health and Ms. Umme Kawser, Assistant Professor, Department of Educational and Counseling Psychology, University of Dhaka. The programme was moderated by Ms. Shaharia Afrin, Assistant Professor, Department of Criminology, University of Dhaka.
- ❖ During Covid-19, In order to discuss Mental Health, Mental stress and to overcome depression, A 3 month long programme, "Psychological Counselling to the students of Criminology", was organized which lasted from October to December, 2020. All the students of the respective department were provided with free medical assistance through this initiative.
- ❖ An MoU was signed between Criminology Department of Dhaka University and National Forensic Science University, India for the next 5 years on 24 Oct, 2020. Because of this agreement, all the students can avail Faculty exchange, various research, Seminar, Conference and actively participate in the workshops.

Department of Communication Disorders (2013)

Chairperson :
Ms. Tawhida Jahan, M.A., M.Sc. (Keiserslautern, Germany)

Professor :
Hakim Arif, MA, MSc (Potsdam), Ph.D. (Berlin).

Assistant Professor

(1) Ms. Tawhida Jahan, MA, MSc (Keiserslautern, Germany); (2) Md. Jahangir Alam, MA, MSc (Sheffield) [on study leave]; (3) Mst. Sonia Islam Nisha, MA, MSc (Sheffield); (4) Sharmin Ahmed, MSS, MSc (England).

Part-Time Faculties

(1) Dr. Muhammad Sohrab Hossain, Professor, Dept. of Population Sciecnes, DU; (2) Md. Ershadul Haq, Assistant Professor, Dept. of Statistics, DU; (3) Md. Sohel Rana, Assistant Professor, Dept. of Psychology, DU; (4) Dr. Sadia Salam, Assistant Professor, NINMAS, BSMMU, Shahbagh, Dhaka; (5) Kaniz Fatema, Chief Audiologist, Hicare Hearing Centre, Dhaka; (6) Saad Md. Sayedur Rahman, Clinical Speech and Language Therapist, Apollo Hospitals, Dhaka; (7) Mst. Tahmina Akhter, Ex-Associate Coordinator, Training and Inclusive Education Department, Centre for Disability and Development (CDD), Savar, Dhaka; (8) Md. Tanim Nowshad, Part-time Faculty, Goethe Institute (German Cultural Centre), Dhaka; (9) Dr. Sonia Sultana, Consultant, Popular Diagnostic Ltd. Chattogram.

Students list of Department

Sl. No.	Program	Session	Year/ Semester	Number of Students
1	BSS (Hons.)	2019-20	1 st Year	44
2	BSS (Hons.)	2018-19	2 nd Year	41
3	BSS (Hons.)	2017-18	3 rd Year	42
4	BSS (Hons.)	2016-17	4 th Year	27
5	MSS (Mast.)	2019-20	1 st Semester	35

6	PMSLP (4 th Batch)	2018-19	3 rd Semester	45
7	PMSLP (5 th Batch)	2019-20	1 st Semester	50
8	M.phil	2020-21		02
9	P.hD	2020-21		01

Academic Result

Sl. No.	Program	Session	Year & Semester	Number of Students	Percent age
1	BSS (Hons.)	2018-19	1 st Year 2 nd Semester	38	100%
2	BSS (Hons.)	2017-18	2 nd Year 4 th Semester	41	100%
3	BSS (Hons.)	2016-17	3 rd Year 6 th Semester	27	100%
4	BSS (Hons.)	2015-16	4 th Year 8 th Semester	37	100%

Teacher's activities

Tawhida Jahan (Assistant Professor)

Book/Article

- (i) Sultana, S., & Jahan, T. (2021). Physiological Effects of Pandemic COVID-19 On Children With Autism Spectrum Disorder In Bangladesh. *Social Science Review*, 38(1), 203-216.
- (ii) Jahan, Tawhida (2021), P3b amplitudes differences in ultra-rapid visual categorization task of food and non-food items. *South Florida Journal of Development*. Vol. 2 No. 1, 440-457.

Md. Jahangir Alam (Assistant Professor)

Book/Article

Role of Responsive Feeding on Nutritional Status of Children with Cerebral Palsy. *Social Science Review* [The Dhaka University Studies, Part-D] Vol. 38, No. 1, June 2021.

Sonia Islam Nisha (Assistant Professor)

Book/Article

Speech Variability of Typically Developing Bangla Speaking Children in Two Contexts-Single Word Naming and Connected Speech. *Social Science Review*, The Dhaka University Studies, Part-D, 37 (1), 177-196

Department of Printing and Publication Studies (2015)

Chairperson

Professor Dr. Sudhangshu Sekhar Roy, M.A., Ph.D.

Professor

Sudhangshu Sekhar Roy, M.A., Ph.D.

Assistant Professor

(1) Md. Mahfuzur Rahman, MSS; (2) Mohosina Islam, MSS.

Lecturer

(1) Shilpy Begum, MSS [On study leave]; (2) Sheikh Jinat Sharmin, MSS.

Part-Time Teacher

(1) Dr. Bimal Guha, MA (Chittagong University), Ph D; (2) Dr Manzurul Islam, MA, Ph D (Kennedy-Western University); (3) Khan Mahbub, MCom (Dhaka); (4) Sanjiv Kanti Das, MFA (Dhaka); (5) Siddique Mahmudur Rahman, MA (Rajshahi University).

Number of students

Class	Session	Number of students
BSS (Hon's), 3rd Year (1st batch)	2017-2018	28
BSS (Hon's), 2nd Year (2nd batch)	2018-2019	32
BSS (Hon's), 1st Year (3rd batch)	2019-2020	25
MSS (Professional), 3rd batch 2nd semester	2018-2019	08
Total		93

Publications**Research Article****Sheikh Jinat Sharmin**

Lecturer, Department of Printing and Publication Studies, University of Dhaka

Sheikh Jinat Sharmin and Md. Jahangir Alam (2020)

Exploring the copyright registration scenario of creative publication sector in Bangladesh. [In Bangla], *The research work was published in Samajik Bigyan Patrika (Dhaka University Studies)*, Part-D, Issue-14, Number- 14, December, 2020.

Department of Japanese Studies (2017)**Chairman**

Dr. Abdullah-Al-Mamun, MSS (Sociology), Diploma in Japanese Studies, University of Dhaka, MBA, Stamford University, Certificate in Law, Northumbria University, UK, PhD, University of Huddersfield, UK.

Professor

Abul Barkat, M.Sc in Economics with Hons. (Trade Economics), Ph.D. in Economics (Political Economy of Development), Moscow Institute of National Economy (Plekhanov Institute), Moscow, USSR (currently Plekhanov Russian University of Economics, Moscow, Russian Federation).

Assistant Professor

Md. Jahangir Alam, MSS (Political Science), Masters in Japanese Studies, Ph.D., Kobe University, Japan.

Assistant Professor

(1) Dilruba Sharmin, MA (Archeology) Jahangirnagar University, Ph.D. (Art History), Kyoto University, Japan.; (2) Lopamudra Malek, MA (Japanese Studies), Delhi University, India, Ph.D.; (3) Nashia Zaman, MSS (Economics).

Lecturer

(1) Shiblee Noman, MSS (Political Science); (2) Md. Saifullah Akon, MSS (International Relations).

Part-time Faculty Member

(1) Md. Nurul Islam Mujib, MA (English), Masters in Japanese Studies, University of Dhaka; (2) Ali Ishrat Jabun Thithi, MA (English), Masters in Japanese Studies, University of Dhaka.

Number of Students

BSS (Hons) 1st year 1st semester – 63
 BSS (Hons) 2nd year 3rd semester – 39
 BSS (Hons) 3rd year 5th semester – 58
 BSS (Hons) 4th year 7th semester – 38

MJS 16th Batch-22

MJS 17th Batch-22

Programme, Activities and Seminars of Department of Japanese Studies:

- 29 October 2020 Kazuko Bhuiyan Welfare Trust signed MoU with DJS.
- 15 November 2020 DJS in collaboration with JETRO organized online career opportunity talk.
- 30 November 2020 ‘Student Learning Management System’ inaugurated by Vice Chancellor of the University Professor Dr. Md. Akhtaruzzaman.
- 6 December 2020 Bangladesh Ikebana Association (BIA) signed MoU with DJS.
- 10 December 2020 Shapla Neer signed MoU with DJS.
- 10 December 2020 DJS & Japan Foundation has organized online lecture series on Japanese Customs and Popular Culture and Society"
- 13 December 2020 DJS and JBCCI organized online career opportunity talk.

- 26 December 2020 DJS and JETRO has organized joint venture webinar.
- 30 December 2020 DJS has launched JICA Chair.
- 5 January 2021 DJS-JF (Japan Foundation) organized Special Lecture on "Development of Japanese Education System from Economic Perspective".
- 17 January 2021 DJS & JICA organized online lecture series on Bangladesh's Journey towards the Middle-Income Country: JICA's Contribution in Government Sector.
- 24 January 2020 DJS & Embassy of Japan in Bangladesh organized online study in Japan seminar.
- 28-29 January 2021 DJS organized International e-Conference on 'Japanology in New Era' celebrating 100 Years of the University of Dhaka.
- 18 February 2021 DJS & JBCCI jointly organized online seminar on celebrating 100 Years of the University of Dhaka and Birth centenary of Father of the Nation Bangabandhu Sheikh Mujibur Rahman.
- 10 March 2021 DJS & JICA organized by JICA Chair Seminar.
- 'Rotary Club, Gulshan signed agreement with DJS to provide Scholarship to poor meritorious students of the department.
- Financial assistance was rendered to the family of the department's poor students initially funded by the faculty members and later by the alumni during the COVIN-19 pandemic.
- 15 students were provided with smart phones by the fund of the department to eradicate the obstacle of participating in online classes. Another 12 students were provided partial funding for buying smart phones.
- An Agreement was signed with Kazuko Bhuiyan Welfare Trust to provide training to students for skill development.
- Arrangement has been made to provide souvenir (crest, dairy, and pen) inscribed name of the department with honorable guests.

- Faculty members were bestowed upon with additional responsibilities to accelerate the development of the department, ie coordinator for Research and Publication, coordinator for International Collaboration and Scholarship, skill Development and Job Placement Coordinator, Students Welfare Coordinator, etc.
- News Letter was published containing write ups of Faculty members and Students.

Publications

Prof. Dr. Abul Barkat Research Book

Barkat, A. (2021). *Padma Bridge with own finance: A great opportunity for National Unity when 2012- research became visible truth in 2021*. Dhaka: Bangladesh Economic Association and Muktabuddhi Prokashona.

Barkat, A. (2020). *In search of a transition from the virus-driven great disaster to a decent Bangladesh: on the larger canvas of society-economy-state*. Dhaka: Bangladesh Economic Association and Muktabuddhi Prokashona.

Barkat, A., et al. (2020). *Rights-based Analysis of Land Law of Bangladesh: Proposed Laws and Amendments Introduction, Perspectives, Methods, and Recommendations (Vol.1)*. Dhaka: Manusher Jonno Foundation & Human Development Research Centre.

Barkat, A., et al. (2020). *Rights-based Analysis of Land Law of Bangladesh: Proposed Laws and Amendments- Abandoned Property, Acquisition and Requisition (Vol. 2)*. Dhaka: Manusher Jonno Foundation & Human Development Research Centre.

Barkat, A., et al. (2020). *Rights-based Analysis of Land Law of Bangladesh: Proposed Laws and Amendments- Land Management Administration (Vol. 3)*. Dhaka: Manusher Jonno Foundation & Human Development Research Centre.

Barkat, A., et al. (2020). *Rights-based Analysis of Land Law of Bangladesh: Proposed Laws and Amendments- Agricultural Khas Land*

Management and Settlement, Non-Agricultural Khas Land Management and Settlement (Vol. 4). Dhaka: Manusher Jonno Foundation & Human Development Research Centre.

Barkat, A., et al. (2020). *Rights-based Analysis of Land Law of Bangladesh: Proposed Laws and Amendments- Balumohal, Char land, Chingrimohal, Pathormohal Management, Tea Garden Land (Vol. 5)*. Dhaka: Manusher Jonno Foundation & Human Development Research Centre.

Barkat, A., et al. (2020). *Rights-based Analysis of Land Law of Bangladesh: Proposed Laws and Amendments- Jalmohal (Vol. 6)*. Dhaka: Manusher Jonno Foundation & Human Development Research Centre.

Barkat, A., et al. (2020). *Rights-based Analysis of Land Law of Bangladesh: Proposed Laws and Amendments- Debottor and Waqf (Vol. 7)*. Dhaka: Manusher Jonno Foundation & Human Development Research Centre.

Barkat, A., et al. (2020). *Rights-based Analysis of Land Law of Bangladesh: Proposed Laws and Amendments- Land of Indigenous People (Vol. 8)*. Dhaka: Manusher Jonno Foundation & Human Development Research Centre.

Barkat, A., et al. (2020). *Rights-based Analysis of Land Law of Bangladesh: Proposed Laws and Amendments- Chittagong Hill Tract Land-Conflict Settlement Commission (Vol. 9)*. Dhaka: Manusher Jonno Foundation & Human Development Research Centre.

Barkat, A., et al. (2020). *Rights-based Analysis of Land Law of Bangladesh: Proposed Laws and Amendments- Land Reforms, Registration, Agricultural Land Use (Vol. 10)*. Dhaka: Manusher Jonno Foundation & Human Development Research Centre.

Barkat, A., et al. (2020). *Rights-based Analysis of Land Law of Bangladesh: Proposed Laws and Amendments- Land Record and Survey (Vol.11)*. Dhaka: Manusher Jonno Foundation & Human Development Research Centre.

Barkat, A., et al. (2020). *Rights-based Analysis of Land Law of Bangladesh: Proposed Laws and Amendments- Trust (Vol. 12)*. Dhaka: Manusher Jonno Foundation & Human Development Research Centre.

Barkat, A., et al. (2020). *Rights-based Analysis of Land Law of Bangladesh: Proposed Laws and Amendments-Vested Property Restoration (Vol.13)*. Dhaka: Manusher Jonno Foundation & Human Development Research Centre.

Sections in research books

Barkat, A. (2021). Role of Japanese Studies in Strengthening Bilateral and Multilateral Relations between Japan and SAARC countries. In P. A. George (Eds.) *Japanese Studies in South Asia: New Horizons*. Pp. 31-52. Northern Book Centre, New Delhi.

Journal articles

Barkat, A. (2021). Bangabandhu's 1314 days: What did Bangabandhu do to build up the foundation of 'Sonar Bangla' including construction-reconstruction, rehabilitation, building-re-building of wartorn economy-society? Chitta Ranjan Misar (Ed.). *Bangabandhu Amity Alokdyuti*, pp-208-238.

Barkat, A. (2021). Agrarian Political Economy. *Mononrekha*, Half-yearly periodical/Magazine of Art, Literature and Culture. 5 (8), 284-332.

Barkat, A. (2020). A Political Economy Treatise on 'Value of Things'. *Bangladesh Journal of Political Economy*, 36(1), 1-26.

Barkat, A. (2020). Engineers and Engineering Sciences in Development: Treatise of a Non-Engineer. *Bangladesh Journal of Political Economy*, 36(2), 119-140.

Research Monographs and Reports

Barkat, A., et al. (2021). *Annual Outcome Monitoring (AOM) 2021 of National urban Poverty Reduction Programme*. Prepared for UNPRP Bangladesh. Dhaka: Human Development Research Centre (HDRC).

Barkat, A., et al. (2021). *Bangladesh Land Governance Report 2020*. Prepared for ALRD Bangladesh. Dhaka: Human Development Research Centre (HDRC).

Barkat, A., et al. (2021). *Gender Justice and Diversity Programme*. Prepared for BRAC Bangladesh. Dhaka: Human Development Research Centre (HDRC).

Barkat, A., et al. (2021). *An In-depth Assessment of the Entrepreneurship & Skill Development Project*. Prepared for BIDA Bangladesh. Dhaka: Human Development Research Centre (HDRC).

Barkat, A., et al. (2021). *Ways to Ensure Active Inclusion of Bangladeshi (Diaspora) in National Development*. Prepared for IOM Bangladesh. Dhaka: Human Development Research Centre (HDRC).

Barkat, A., et al. (2021). *COVID-19 Impact on Lives and Livelihoods of the Land, Water and Natural Resources Dependent Communities: Coping with Post COVID-19 New Normal Situation*. Prepared for ALRD Bangladesh. Dhaka: Human Development Research Centre (HDRC).

Barkat, A., et al. (2020). *End line Evaluation of “Nirapod-2: Empowering Women on Sexual and Reproductive Health and Rights and Choice of Safe Menstrual Regulation (MR) and Family Planning (FP) Project*. Prepared for Marie Stopes Bangladesh. Dhaka: Human Development Research Centre (HDRC).

Public lecture and memorial lecture delivered, research paper presented at National and International Seminars, Symposium, Workshops, Conferences

Barkat, A. (2021). *Economic and Social Empowerment of Persons with Disabilities: Some thoughts on Political Economy*. Keynote paper in Dialogue on Sustainable economic empowerment of persons with disabilities through a disability-inclusive poverty graduation programme. Organized by Handicap International- Humanity & Inclusion (HI) in Bangladesh and in collaboration with The Daily Star. Dhaka: 26 June, 2021.

Barkat, A. (2021). *Post-COVID-19 JAPAN: Shocks and Therapy [A multidisciplinary Treatise of an economist-Japanologist]*. Keynote paper Japanese Studies towards Global Pandemic. Organized by Department of Japanese Studies, School of Strategic and Global Studies, Universities Indonesia. Jakarta: 23 June, 2021.

Barkat, Abul. (2021). *Alternative Budget to overcome COVID-19 and Socio-economic depression: Proposal of Bangladesh Economic Association for FY 2021-22*. Dhaka: Bangladesh Economic Association, June 01, 2021.

Barkat, A. (2021). *National Budget Allocation: Family Farming, Rural Women, Indigenous Peoples and Agrarian-Land-Aquarium Reform, Analysis for the fiscal year 2020-21 and Keynote paper the upcoming 2021-22*, Organized by ALRD Bangladesh. Dhaka: 29 May, 2021.

Barkat, A. (2020). *Implementation Problems of Land Laws and Policies of Bangladesh: Agricultural Khas Land, Non-agricultural Khas Land, Jalmahal, Acquisition and Requisition of Immovable Properties and Land Use related Laws and Policies* Presented for Nijera Kori and ICCO Cooperation, Dhaka: November 29, 2020.

Barkat, A. (2020). *Development of economics in terms of ethics –mortality: in the context of `poverty of philosophy*; Nazenda- Aziz Trust Lecture (2013-2018). Centre for Moral Development, Department of Philosophy Dhaka University, Dhaka: 2020.pp. 433-492.

BEA 13-Series Webinar: On Professor Dr. Abul Barkat’s (2020) book in Bangla titled:

Boro Pordai Samaj-Arthonity-Rastro: Viruser Mahabiporjoy theke Shovan Bangladesher Sandhane

Webinar-01: *In Search of a Decent Society-Shovan Samajer Sandhan*. Panelists: Barrister M. Amirul Islam, Framer of the Proclamation of Independence of Bangladesh 1971; Prof. Hasan Azizul Haque, Novelist & President, Philosophy Association, Rajshahi University; Dr. M. Mizanur

Rahman, IT Expert; Prof. Dr. M Mizanur Rahman, Former Chairman, National Human Rights Commission, Bangladesh. Moderator: Prof. Dr. Abul Barkat, Dhaka University; President, Bangladesh Economic Association. Webinar organized by: Bangladesh Economic Association (BEA). Dhaka: 13 March 2021.

Webinar-02: *On Inequality, Poverty, Class, and Changes attributable to COVID-19: Towards a Decent Society–Asamata, Daridra, Sreni ebong COVID-19 Udvuto Paribortan.* Panelists: Pankaj Bhattacharya, President, United National Awami Party (U-NAP); Rashed Khan Menon, MP, Former Minister for Social Welfare & Civil Aviation; President, Workers Party; Mujahidul Islam Selim, President, Communist Party of Bangladesh; Dr. Reshmaan N. Hussam, Assistant Professor of Economics, Harvard University, USA. Moderator: Former Ambassador Md Abdul Hannan; Vice President, Bangladesh Economic Association (BEA). Webinar organized by: Bangladesh Economic Association (BEA). Dhaka: 20 March, 2021.

Webinar-03: *Empowering Women and Child Development towards a Decent Society-Nareer Khamatain ebong Sishur Bikas.* Panelists: Ms Khushi Kabir, Women's Rights Activist & Coordinator, Nijera Kori; Advocate Salma Ali, President, Bangladesh Women Lawyers' Association (BWLA); Dr. Shelina Afroza, Former Secretary, Government of Bangladesh. Moderator: Prof. Hannana Begum, Vice President, Bangladesh Economic Association (BEA). Webinar organized by: Bangladesh Economic Association (BEA). Dhaka: 27 March, 2021.

Webinar-04: *On Land and Agriculture: Towards a Decent Society-Bhumi O Krishi.* Panelists: Emeritus Professor Dr. M.A. Sattar Mandal, Former Vice-Chancellor, Bangladesh Agriculture University, Mymensingh; Barrister Debashish Roy, King of the Chakma Circle, Former Advisor, Caretaker Government; Prof. Dr. Modon Mohon Dey, Chairman, Agriculture Economics and Business, Texas University, USA.; Shamsul Huda, Executive Director, Association for Land Reform and Development. Moderator: Prof. Dr. Md. Saidur Rahman, Bangladesh Agriculture University, Mymensingh; Member, Executive Committee (EC), Bangladesh Economic Association (BEA). Moderator: Prof. Dr. Md. Saidur Rahman, Bangladesh Agriculture University, Mymensingh;

Member, of the Executive Committee (EC), Bangladesh Economic Association (BEA). Webinar organized by: Bangladesh Economic Association (BEA). Dhaka: 3 April, 2021.

Webinar-05. *Education, Science, Nature: Towards a Decent Society.* Panelists: Prof. Dr. Amir Hussain Khan, Environmental Scientist, Department of Chemistry, Dhaka University; Prof. Dr. Abul Hussam, George Mason University, Virginia, USA; Innovator of Arsenic Mitigation Filtration System-Sono Filter (recipient of Grainger Challenge Gold Award for Sustainability, National Academy of Engineering, NAE/USA); Prof. Dr. Mustafizur Rahman, Innovation Engineering, Department of Mechanical Engineering, National University of Singapore; Prof. Dr. Sakhawat Ansary, Department of Linguistics, Dhaka University. Moderator: Prof. Dr. Gour Gobinda Goswami, Former Chairman, Department of Economics, North-South University; Life Member, Bangladesh Economic Association (BEA). Webinar organized by: Bangladesh Economic Association (BEA). Dhaka: 10 April, 2021.

Webinar-06: *On Industrialization: Towards a Decent Society-Industrialization.* Panelists: Prof. Dr. Qazi Kholiqzaman Ahmad, Former President, BEA, & Chairman, Palli Karma Shahayak Foundation (PKSF); Prof. Dr. Shafiq-Uz Zaman, Former Chairman, Department of Economics, Dhaka University; Prof. Dr. M. Moazzem Hossain Khan, Former Chairman, Department of Economics, Rajshahi University. Moderator: Dr. Jamaluddin Ahmed, General Secretary, Bangladesh Economic Association (BEA). Webinar organized by: Bangladesh Economic Association (BEA). Dhaka: 17 April, 2021.

Webinar-07: *Political Economy of Religious Fundamentalism & Extremism: Indecent opponent of Decent Society-Dharmavittik Moulabad o Jangibader Rajnoitik Orthoneeti.* Panelists: Justice AHM Shamsuddin Choudhury Manik, Retired Justice, Appellate Division, Supreme Court, Bangladesh; Hasanul Haq Inu, MP, Former Minister of Information; President, Jatiyo Samajtantrik Dal (JSD); Al Kaderi Joy, President, Socialist Student Front (Samajtantrik Chattra Front). Moderator: Sk. Ali Ahmed Tutul, Assistant Secretary, Bangladesh Economic Association (BEA). Webinar organized by: Bangladesh Economic Association (BEA). Dhaka: 24 April, 2021.

Webinar-08: *Globalization Issues: Towards a Decent Society-Bishayan Prasanga.* Panelists: Prof. Dr. Mustafizur Rahman, Distinguished Fellow, Centre for Policy Dialogue (CPD); Khalequzzaman, General Secretary, Socialist Party of Bangladesh (Bangladesher Samajtantrik Dal); Former Ambassador Md Abdul Hannan; Vice President, Bangladesh Economic Association (BEA). Moderator: Dr Md. Liakat Hossain Moral, Joint Secretary, Bangladesh Economic Association (BEA). Webinar organized by: Bangladesh Economic Association (BEA). Dhaka: 08 May, 2021.

Webinar-09: *Towards Reducing Inequality and Building a Decent Society: Sources of resources & money, Black money, Money laundering, Wealth tax, etc.-Boishamo Hras o Shovan Samaj Pratistha: Sampad o Arther Utsa, Kalo Taka, Ortha Pachar, Sampad Kor Ittaydi.* Panelists: Prof. Dr. Mohammed Farashuddin, Chief Advisor, Board of Trustees and Founder Vice-Chancellor, East-West University; Former Governor, Bangladesh Bank; Prof. Dr. AKM Matiur Rahman, JP Morgan Chase Endowed Professor of Finance, McNeese State University, USA; Prof. Anu Muhammad, Department of Economics, Jahangirnagar University. Moderator: A Z M Saleh, Vice President, Bangladesh Economic Association (BEA). Webinar organized by: Bangladesh Economic Association (BEA). Dhaka: 22 May, 2021.

Webinar-10: *Economic Impact- Macro & Micro- of Covid-19: A Model towards Decent Economy and Decent Society-COVID-19 er Orthonoitik (Samastik o Bestik) Avighat.* Panelists: Prof. Dr. Haider Ali Khan, John Evans Distinguished University Professor, Department of Economics, Denver University, Colorado, USA.; Prof. Dr. Jyoti Prakash Dutta, Department of Economics, Chattogram University, & President, Bangladesh Economic Association, Chattogram Chapter; Ms Humayra Ahmed, Research Associate, Bangladesh Institute of Development Studies (BIDS). Moderator: Md. Mostafizur Rahman Sarder, Treasurer, Bangladesh Economic Association (BEA). Webinar organized by: Bangladesh Economic Association (BEA). Dhaka: 29 May, 2021.

Webinar-11: *Public Health System; COVID-19 Response to Public Health: Towards a Decent Society-Janasaistha Beboatha; COVID-19 Mokabelai Janasaitha.* Panelists: Dr. Zafrullah Chowdhury, Trustee,

Ganashasthya Foundation.; Prof. Dr. Mohammed A. Hannan, International Advisor for Educational & Research Institutes; Former Senior Advisor, Health, Canada Bureau of Environmental Health Sciences & Research (EHSR), Canada.; Dr. Fauzia Moslem, Specialist in Nuclear Medicine, & President Bangladesh Mohila Parishad. Moderator: Prof. Shahanara Begum, Member of the Executive Committee (EC), Bangladesh Economic Association (BEA). Webinar organized by: Bangladesh Economic Association (BEA). Dhaka: 5 June, 2021.

Webinar -12: *What should be the pattern of a National Budget: Towards a Decent Society-Shovan Samaj Protisthai Jatio Budget Kathamo Kemon Hoa Uchit.* Panelists: Prof. Dr. Salahuddin Ahmed, Former Governor, Bangladesh Bank; Prof. Dr. Toufic Ahmad Choudhury, Former DG, Bangladesh Institute of Bank Management (BIBM); Former General Secretary, Bangladesh Economic Association (BEA); DG, Bangladesh Academy for Securities Markets (BASM); Dr. Jamaluddin Ahmed, General Secretary, Bangladesh Economic Association (BEA). Moderator: Nesar Ahmed, Member, Executive Committee (EC), Bangladesh Economic Association (BEA). Webinar organized by: Bangladesh Economic Association (BEA). Dhaka: 12 June, 2021.

Webinar-13: *On Decent Society and Mainstream Economics-Shovan Samaj o Muldharar Arthaneetisastra.* Panelists: Prof. Dr SR Osmani, Department of Economics, Ulster University, UK., Prof. M Sikandar Khan, Department of Economics, Chittagong University & Past President, Bangladesh Economic Association-Chittagong Chapter; Dr. Rizwanul Islam, Former Special Adviser, Employment Sector, ILO, Geneva. Moderator: A. Z. M. Saleh, Executive Committee (EC), Bangladesh Economic Association (BEA). Webinar organized by: Bangladesh Economic Association (BEA). Dhaka: 19 June, 2021.

Dr. Dilruba Sharmin
Assistant Professor

Dilruba Sharmin, জাপানের স্থাপত্য : প্রাগৈতিহাসিক যুগ থেকে আধুনিক পর্ব (Japanese Architecture: paleolithic era to modern age), First edition: February 2021,

Bangla Academy Book Fair, Novel Publishing House, 2/3 Paridas Road, Bangla bazar, Dhaka-1100, ISBN: 978-70205-0100-00

Sharmin, D. (2021). 'Elements of Intangible Cultural Heritage of Bangladesh and Steps for Future Safeguarding', *Asian Journal of Social Science and Management Technology (AJSSMT)*, Vol.3, Issue 2.

Sharmin, D. (2021). 'The Growing Influence of Japanese Pop Culture on the Young Consumers of Bangladesh', *Journal of the School of Language, Literature & Culture Studies, Jawaharlal Nehru University*, (pp. 115-137).

Sharmin, D. (2020). TECHNOLOGICAL INTERPRETATION OF TRADITIONAL CERAMIC MATERIALS ON THIN-SECTION PETROGRAPHY. *International Journal of Conservation Science*, 11(2).

Shiblee Noman
Lecturer

Noman, S. & Lyric, T. H (2020), 'Representative Government by Phases as Colonial Legacy: A Case Study of British India', *Perspectives in Social Sciences*, Centre for Advanced Research in Social Sciences, University of Dhaka, Vol.1, Issue-15

Md Saifullah Akon
Lecturer

Akon, M. S. (2020) United States-China Dichotomy and Its Impact on Post COVID-19 Global Politics: A Critical Analysis. *Malaysian Journal of International Relations*.

Malek. Lopamudra, & Akon, M.S. (2020). Kinship in Contemporary Japanese Society: An Overview. *Social Science Review, the Dhaka University Studies*, Part-D.

Faculty of Biological Sciences (1974)

The Faculty of Biological Sciences was established in 1974 with five departments. At present the faculty has 11 departments, namely, Soil, Water and Environment, Botany, Zoology, Biochemistry and Molecular Biology, Psychology, Microbiology, Fisheries, Clinical Psychology, Genetic Engineering and Biotechnology, Educational and Counseling Psychology and the Public Health.

Besides the above 11 departments there are six affiliated colleges, namely, the Govt. College of Applied Human Science (Azimpur), Bangladesh College of Home Economics (Green Road), National College of Home Economics (Lalmatia), Mymensingh College of Home Economics, Akij College of Home Economics (Dhanmondi) and Barisal College of Home Economics.

The courses on four year Bachelor of Science (BS Honours), Master of Science (MS), as well as MPhil and PhD degrees are offered from different departments of this faculty. The Faculty has also introduced an unified grading system from 2005-2006 academic session.

Since its inception, the Departments belonging to this Faculty have been conducting research on various fields of national interest which have already earned recognition and fame both nationally and internationally. In their research endeavour, the Departments of this faculty have established MoU with reputed national and overseas Universities and Research Institutions. There are four higher research centers under this Faculty, namely, Biotechnology Research Center, Center for Advanced Research in Biological Sciences, Chromosome Research Center, Center for Bioinformatics Learning Advancement and Systematics Training (CBLAST) and Neuro Science Research Center.

Research grants are made available from these centers to the teachers of the Faculty to support small scale research. Besides, Ministry of Science and Technology and University Grants Commission (UGC) funded many research activities which are being conducted in the Faculty. Many

departments of this faculty recently received considerable amount of grants through the Higher Education Quality Enhancement Project (HEQEP) being executed by the University Grants Commission and funded by the World Bank.

To establish academic and research collaboration MoU has been signed between the Faculty of Biological Sciences, University of Dhaka and different foreign Universities, namely, Iwate University, Osaka University, Tohoku University, Japan, Kunming Institute of Botany, China, The University of Massachusetts Boston, USA, Leader Scholarship Project of Erasmus, Active Fine Chemicals-Agro Biotech Ltd., University of Kelantan, Malaysia.

The students of the Faculty are given the Dean's award for their brilliant performances results in BS Honours examinations. In this connection this award was started for the first time in the year of 1987. On 09 January, 2020, 31 students from eight departments were awarded for the sessions 2017-18. This Award is treated as the most prestigious recognition in the academic field both in the country and abroad. In addition to this award, research award has also been introduced for teachers of the faculty for their outstanding research performances. The research awards for the teachers have been introduced since 2010.

Through the initiatives of the Faculty of Biological Sciences a highly sophisticated Green House has been established with the financial support of Bangladesh Climate Change Trust (BCCT).

The Faculty regularly publishes a scientific peer reviewed journal entitled *The Dhaka University Journal of Biological Sciences* twice a year (January and July). The members of this Faculty have also been involved in publishing different prestigious journals of the country as Chief Editor or members of the Editorial Board.

The Dean is the Academic leader of the Faculty who is elected by the teachers of the Faculty as per the Dhaka University Order 1973. The Dean election was held on 29 April, 2019 and Dr. M. Imdadul Hoque, Professor, Department of Botany was re-elected as the 26th Dean of the Faculty of

Biological Sciences for another two academic sessions. Recently Professor Dr. Md. Imdadul Hoque joined as a Vice Chancellor of Jagannath University on 01.06.2021 then Professor Dr. Mihir Lal Saha, Department of Botany appointed as an Acting Dean of the Faculty of Biological Sciences, University of Dhaka on 02.06.2021.

Department of Soil, Water and Environment (1949)

Chairman

Professor Dr. Md. Khalilur Rahman MSc, Ph.D. (Aberdeen)

Professor

(1) Md. Mahbubur Rahman, MSc, PhD (Edinburgh University, Scotland) [Leave]; (2) Zakia Parveen, MSc, PhD (Aberdeen University, Scotland); (3) Md. Harunor Rashid Khan, MSc, PhD (Okoyama University, Japan); (4) Md. Akhter Hossain Khan, MSc, PhD (Kansas State University, USA); (5) S Z K M Shamsad, MSc; (6) A S M Mohiuddin, MSc, PhD (Vienna); (7) A H M Zulfiquar Ali, MSc, PhD (Aberdeen University, Scotland); (8) Afrose Sultana Chamon, MSc, PhD (Vienna); (9) Md. Zakir Hossain Khan, MSc, PhD (Vienna); (10) Shakil Uddin Ahmed, MSc, PhD (Japan); (11) Md. JashimUddin, MSc, PhD (UK); (12) A T M Mustafa Kamal, MSc, MS (Sweden).PhD; (13) Md. Nadiruzzaman Mondol, MSc, PhD (Vienna).

Assistant Professor

(1) Sayma Khanom, MS [Leave]; (2) Mohammad Enayet Hossain, MS, PhD (North Dakota University, USA); (3) Md. Tanvir Ahmed Chowdhury, MS (UK), PhD (Aberdeen University, Scotland); (4) Sonia Hossain, MS., PhD (Kyoto University, Japan); (5) Tazeen Fatima Khan, MS [Leave].

Lecturer

(1) Monira Begum, MS [Leave]; (2) Ashrafun Nessa, MS, MS (UK) [Leave]; (3) Md. Bayazid Hossain, MS; (4) Mithun Kumar Saha, MS; (5) Mohammad Fazle Rabbi, MS, PhD. (Canada).

Honorary Professor

(1) Professor Shofiur Rahman, MSc, Ph.D.; (2) Professor Babuna Faiz, MSc, Ph.D.

Part-Time Teacher

(1) Md. Abdus Samad, MSc, Ph.D.; (2) MD. Kamrul Hasan Chowdhury, Ph.D.

Number of Students

Year & Class	Session	Number
1 st Year BS (Hons.)	2020-2021	Not admitted yet
2 nd Year BS (Hons.)	2020-2021	169
3 rd Year BS (Hons.)	2020-2021	131
4 th Year BS (Hons.)	2020-2021	112
MS	2019-2020	Not admitted yet
MPhil		01
Ph.D		08

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Total = 421

Extra Departmental

1 st Year Minor	2020-2021	Not admitted yet
2 nd Year Minor	2020-2021	120

.....
Total = 120

Examination Results

Examination Year	Session	No. of Student	Passed	1 st	2 nd	3 rd	Total	%
1 st Yr BS Hons.	2019-20	x	x	x	x	x	x	The results were not released
2 nd Yr BS Hons.	2019-20	x	x	x	x	x	x	The results were not released

3 rd Yr BS Hons.	2019-20	x	x	x	x	x	x	The results were not released
4 th Yr BS Hons.	2019-20	x	x	x	x	x	x	The results were not released
MS	2018-19	x	x	x	x	x	x	The results were not released
M Phil	2019	x	x	x	x	x	x	The results were not released
Ph. D	2019	x	x	x	x	x	x	The results were not released

List of Publications during 2020- 21

1. Wahiduzzaman, M., Islam, M.M., Sikder, A.H.F. and **Zakia Parveen**.2021 Bioaccumulation and Heavy Metal Contamination in Fish Species of the Dhaleswari River of Bangladesh and Related Human Health Implications. *Biol Trace Elem Res*. [<https://doi.org/10.1007/s12011-021-02963-0>]
2. Golam Rabbani, Md Faruque Hossain, and **Zakia Parveen**. 2021. Effect of Waste Derived Biochar on Incubated Acid Soils of Bangladesh. *Journal of environmental science current research*. 4:027.
3. Shamim Al Mamun, Shatabdi Saha, Jannatara Ferdush, Tanmoy Roy Tusher, Md. Abu- Sharif, Md. Ferdous Alam, Megan R. Balksand , and **Zakia Parveen**. 2021. Cadmium contamination in agricultural soils of Bangladesh and

- management by application of organic amendments: evaluation of field assessment and pot experiments. *Environmental Geochemistry and Health*. 1-26.
4. Golam Rabbani, Md Faruque Hossain and **Zakia Parveen**. 2020. Morphological Properties and Nutrient Status of Different Waste Derived Slow Pyrolyzed Biochars. *World Journal of Agriculture and Soil Science*. 6(1): 2020.
 5. Golam Rabbani, SM Jahid Anwar, and **Zakia Parveen**. 2020. Nutrient content and morphological characteristics of few wastes derived slow pyrolyzed biochars. *International Journal of Advanced Research*. 8(08): 1131-1139.
 6. Md. Faruque Hossain, ASM Maksud Kamal, Monera Akhter Eva, S Mosaddeq Ahmed and **Zakia Parveen**. 2020. Soil Organic Carbon Pool and its Storage in Arial Beel Wetland Soils of Bangladesh. *American Journal of Environmental Sciences*. 16 (3): 55.67.
 7. Shamim Al Mamun, Md. Sirajul Islam and **Zakia Parveen**. 2020. Source of Cadmium (Cd) in soils and Its transfer to Rice and Vegetables: Karotia Union, Tangail. *Indonesia Chimica Acta*. 13(1): 16-22.
 8. M. Alauddin, GM. Mohsin, AHM. Zulfiquar Ali and **MK. Rahman**. 2021. Effects of poultry litter compost and chemical fertilizers on growth and yield of field grown sunflower (*Helianthus annus* L.) *Dhaka Univ. J. Biol. Sci.* 30(1): 49-57.
 9. S. Rahman, KN. Nishi, M. Muslim and **MK. Rahman**. 2021. Effects of organic manures on the growth and yield of malabar nut (*Justicia adhatoda* L.). *Dhaka Univ. J. Biol.Sci.* 30(1): 79-86.
 10. Sk. R.I. Mitu, R. Rifhat, I. Jahanara, H.B. Murshed and **MK Rahman**. 2020. Raising of mahogany (*Swietenia mahagoni* L.) seedlings to combat climate change as influenced by organic manures and chemical fertilizers. *J. biodivers. Conserv. Bioresour. Manag.* 6(2): 19-26.
 11. F. Haque, K.N. Nishi, M. Muslim and **MK. Rahman**. 2020. Effects of organic manures and NPK on growth and protein content of okra (*Abelmoschus esculentus* L. Moench). *J. biodivers. Conserv. Bioresour. Manag.* 6(2): 83-88.
 12. Tasnim Zannat, Farhana Firoz Meem, Rubaiat Sharmin promi, Umme Qulsum Poppy and **MK Rahman**. 2021. Soil fertility and leaf nutrient status of litchi orchard sites.. *Dhaka Univ. J. Biol.Sci.* 30(2) : 141-149.
 13. S. Chowdhury and **MK Rahman**. 2021. Influence of different organic manures on growth yield and mineral nutrient accumulation in lettuce (*Latuca sativa* L.) *Dhaka Univ. J. Biol.Sci.* 30(2) : 159-168.
 14. Hossain M. S., **H. R. Khan** and M. S. Islam. 2021. Impacts of heat stress on mineral nutrition of Boro rice cultivar (BR 19) as influenced by the indigenous organic fertilizers. *Dhaka Univ. J. Biol. Sci.* 30(1): 125-131.
 15. Islam M. S., **Khan, M. H. R.** and Farzana, F. 2020. Temperature and Moisture Stress: Response of some selected physico-chemical properties of soil along with practice of plant and microbes-derived organic fertilizers. *Journal of Geography, Environment and Earth Science International*. 26(6): 62-76.
 16. M. S. Islam, **H. R. Khan** and M. S. Hossain. 2020. Ramifications of elevated temperature on the growth and yield performances of rice varieties incorporated with indigenous organic amendments. *Bangladesh J. Sci. & Indust. Res.* 55(1): 53-64.
 17. M. S. Islam, **H. R. Khan** and M. S. Hossain. 2020. Effects of different levels of soil moisture and indigenous organic amendments on the yield of Boro rice grown under field condition. *Dhaka Univ. J. Biol. Sci.* 29(1): 87-96.
 18. Asia Akhter, **M. N. Mondol, A.S. Chamon** and S. M. A. Faiz. 2020. Heavy Metals in Poultry and Fish Feed Ingredients in Bangladesh: A Potential Threat to our Next Generation. *International J. Engineering Applied Sciences and Technology*. 5(8), ISSN No. 2455-2143, 64-70.
 19. Jasmin, P., **A. S. Chamon, M. N. Mondol** and S. M. Ullah. 2020. Effects of Lead on Growth And Mineral Nutrition of Wheat (*Triticum Aestivum* L.) As Influenced By Manure

- And Lime. *J. Biodivers. Conserv. Bioresour. Manag.* 6(2): 69-75. [https://doi.org/10.3329/Jbcbm.V6i2.55248].
20. Romana Sultana, **A. S. Chamon, M. N. Mondol** and I. Tasnim. 2021. Metal Concentration in in Commonly Sold Fruit Vegetables in Dhaka City Market and Probable Health Risk. *Dhaka Univ. J. Biol. Sci.* 30(1): 35-47.
 21. Romana Sultana, **A. S. Chamon** and M. N. Mondol. 2021. Heavy Metal Concentration in Commonly Sold Stem Vegetables in Dhaka City Market and Probable Health Risk. *Dhaka Univ. J. Biol. Sci.* 30(2): 221-232
 22. **M. J. Uddin, A. Rahman, A.H.M.Z. Ali** and **M. K. Rahman**. 2020. Estimation of Carbon Stock in the Sylhet Basin Soils of Bangladesh. *J. Asiat. Soc. Bangladesh, Sci.* 46(1): 49-60.
 23. Salehin, SMU, GM Mohsin, T. Ferdous, J. R. Zaman, **M. J. Uddin**, and **M. K. Rahman**. 2020. Soil Fertility and leaf Nutrient Status of Mango Orchard Sites. *Dhaka Univ. J. Biol. Sci.* 29(2): 155-163.
 24. **M. J. Uddin, A.S.M. Mohiuddin**, S.U. Ahmed, **M. K. Rahman**, M. A. Karim and A. K. Saha. 2020. Suitability Assessment of Soils of Panchagarh and Thakurgaon for Tea (*Camellia Sinensis*L.) and Orange (*Citrus Aurantium*L.) Cultivation. *Bangladesh J. Bot.* 49(3): 467-472.
 25. Nawrin, K. S., **M. J. Uddin, A. H. M. Z. Ali**, and **M. K. Rahman**. 2020. Effects of Boron and Vermicompost on growth, yield and nutrient content of Chilli (*Capsicum annum* L.). *J. biodivers. Conserv. Bioresour. Manag.* 6(1): 31-36.
 26. Arafat Rahman, MS Islam, Humyra B Murshed, **M. J. Uddin, A.S.M. Mohiuddin**, and Muhaiminur Rahman. 2021. Assessment of carbon storage and Nutrient contents in some wetland soils of the Northeastern region of Bangladesh. *Dhaka Univ. J. Biol. Sci.* 30(1): 115-124.
 27. **M. J. Uddin**, Arafat Rahman, Md. Ovi-Uz-Zaman, Sharmin Rahman, Md. Nurnabi, and Keshab K. Adhikary. 2021. A study on water quality of Hail haor ecosystem of Bangladesh. *J. Asiat. Soc. Bangladesh, Sci.* 47(1): 91-97.
 28. Arafat Rahman, **M. J. Uddin**, Md. Raisuddin Sikder, Humayra B Murshed, J.A Faysal, Mohiyuddeen Ahmad. 2021. Soil properties and carbon stock along the toposequence of Lalmai Hill ecosystem of Bangladesh. *Dhaka Univ. J. Biol. Sci.* 30(2): 331-343.
 29. **Mohammad Enayet Hossain**, Achintya N. Bezbaruah. 2021. Nano and Microscale Iron for Fe Fortification in *Spinacia oleracea*. *Nanotechnology for Environmental Engineering* 6, 61.[https://doi.org/10.1007/s41204-021-00132-1]
 30. Md. Al Sadikul Islam, **Mohammad Enayet Hossain**, Nehreen Majed. 2021. Assessment of Physicochemical Properties and Comparative Pollution Status of the Dhaleshwari River in Bangladesh. *Earth.* 2(4): 696-714. [https://doi.org/10.3390/earth2040041]
 31. Jahan-E-Gulshan, Shahid Akhtar Hossain, **Mohammad Enayet Hossain**, Md Mominul Islam, Sharmin Zaman Emon, Amika Ahmed Manzum, Zuairia Binte Jashim and Muhammad Nurul Huda . 2021. Seasonal Variations of Microbes in Particulate Matter Obtained from Dhaka City in Bangladesh. *Environmental Pollutants and Bioavailability.* 33(1):122-134.
 32. Farah Monowara Jahangiri, Hasina Tasmin Moutushi, Md. Moniruzzaman, Sirajul Hoque, **Mohammad Enayet Hossain**. 2021. Removal of Lead from Aqueous Solution Using Water Hyacinth (*Eichhornia crassipes*) Roots. *Water Practice and Technology* 16(2):404-419. [https://doi.org/10.2166/wpt.2021.005]
 33. Zuairia Binte Jashim, Shahid Akhtar Hossain, **Mohammad Enayet Hossain**, Md Mominul Islam, Jahan-E-Gulshan, and Mohammad Nurul Huda .2020. Effects of Air Borne Particulate Matter on the Plants Grown in Different Areas of Dhaka Mega City, Bangladesh: An Air Pollution Tolerance Study. *Environmental Claims Journal*, [DOI: 10.1080/10406026.2020.1858606.]
 34. Mamud, A., Saha, B., Hossain, S.A., **Chowdhury, M.T.A.** 2021. Alleviation of arsenic accumulation in rice by

- applying silicon-rich rice husk residues in Bangladesh soils. *Bangladesh Journal of Scientific and Industrial Research*. 56(3):195-206. [https://doi.org/10.3329/bjsir.v56i3.55967].
35. **Chowdhury, M.T.A.**, Meharg, A.A., Price, A.H., Norton, G.J. 2021. Geochemical variability in the soils of Bangladesh as affected by sources of irrigation water and inundation land types. *SN Applied Sciences*, 3:256. [https://doi.org/10.1007/s42452-021-04269-1].
 36. **Chowdhury, M.T.A.**, Norton, G.J., Meharg, A.A. 2020. Geochemistry and fractionation of arsenic in the Haor basin soils of Bangladesh. *Bangladesh Journal of Scientific Research*, 31-33(2):104-112.
 37. Salma, M.U. and **Hossain, S.** 2021. Animal Manure, Neem Cake, Biochar, Vermicompost or Urea: Choosing the Better Option for *Spinacia oleracea* Growth and Soil Fertility. *American Journal of Plant Sciences*, **12**, 1259-1275. [doi: 10.4236/ajps.2021.128088.]
 38. **Sonia Hossain** and Farjana Akter. 2020. Comparative effects of trichoderma-enriched biofertilizer and farmyard manure on the growth and yield of brinjal (*Solanum melongena* L.) *Dhaka Univ. J. Biol. Sci.* 29(1):1-8.
 39. **Hossain, M. B., H. R. Khan,** S. Khanom and S. A. Hossain, 2021. Amelioration of soil acidity by the application of Maize straw ash in mixed soil. *Dhaka Univ. J. Biol. Sci.* 30(2):207-219.
 40. **Rabbi MF,** Sarkar MMH, Akter S, Banu TA, Goswami B, Jahan I, Hossain MS, Osman E, Uzzaman MS, Habib MA, Mahmud ASM, Kabir F, Hasan KN, Rahman MM, Khaleque MA, Akhteruzzaman, Salim Khan MS, 2021, "Genome Sequence of a SARS-CoV-2 P.1 Variant of Concern (20J/501Y.V3) from Bangladesh", *Microbiology Resource Announcement*. [PubMed ID: 34236224]
 41. Khan MI, Hasan KN, Sufian A, Hosen MB, Polol MNI, Khaleque MA, Rahman MM, Chowdhury MSM, Haider HUI, Razu MH, Mala Khan M, **Rabbi MF,** 2020 "Reports of Coding-Complete Genome Sequences of Five 2019

- Novel Coronavirus (SARS-CoV-2) Strains Isolated in Bangladesh", *Microbiology Resource Announcement*. [PubMed ID: 32732236].
42. Khafipour A, Eissa N, Munyaka PM, **Rabbi MF,** Kapoor K, Kermarrec L, Khafipour E, Bernstein CN, Ghia JE, 2020 "Denosumab Regulates Gut Microbiota Composition and Cytokines in Dinitrobenzene Sulfonic Acid (DNBS)-Experimental Colitis", *Frontiers in Microbiology*. [PubMed ID- 32670246]

Conference Proceedings/Abstracts

1. **M. J. Uddin,** P. S. Hooda, **A. S. M. Mohiuddin** and Mike Smith. 2020. Geospatial Technologies for Precision Farming: A Case Study. In: 16th International Conference on Intelligent Environments (IE2020); 20-23 July 2020, Madrid, Spain (held online); Doi: 10.3233/AISE 200034.
2. Surovi, S., Hoque, A.F.M.M., Rahman, M.K., **Chowdhury M.T.A.** (2021). Spatial variability of soil organic carbon stocks identified in the different soil types developed in three different physiographic regions of Bangladesh. Proceedings of the *International Conference on Science and Technology for Celebrating the Birth Centenary of Bangabandhu (ICSTB-2021)* held at BCSIR, Dhaka on 11-13 March 2021.
3. Roy, T., Savage, L., Feldmann, J., **Chowdhury, M.T.A.** (2021). Agronomic Biofortification of Rice (*Oryza sativa* L.) with Selenium. Proceedings of the *International Conference on Science and Technology for Celebrating the Birth Centenary of Bangabandhu (ICSTB-2021)* held at BCSIR, Dhaka on 11-13 March 2021.
4. Supty, T.M., Hossain, S.A, **Chowdhury M.T.A.** (2021). Effects of phosphate fertilizers and biochar application on the accumulation of cadmium in soil and crop. Proceedings of the *International Conference on Science and Technology for Celebrating the Birth Centenary of Bangabandhu (ICSTB-2021)* held at BCSIR, Dhaka on 11-13 March 2021.
5. Shah Alam, H.M., **Chowdhury M.T.A.** (2021). Effects of locally available organic fertilizers on the accumulation of heavy metals

in soil and crop. Proceedings of *the International Conference on Science and Technology for Celebrating the Birth Centenary of Bangabandhu (ICSTB-2021)* held at BCSIR, Dhaka on 11-13 March 2021.

6. S. Shahrukh, M.N. Huda, M.M. Islam, S.A. Hossain and **M.E. Hossain***. Removal of Particulate Matter and Associated Trace Elements from Ambient Air by Four Evergreen Tree Species in Dhaka, Bangladesh. Presented in the 2nd International Conference on Advancement of Life Sciences 2021. Organized by Faculty of Life Science, Mawlana Bhashani Science and Technology University (MBSTU), Tangail, Bangladesh, 12-13 March 2021. S.
7. Shahrukh, M.N. Huda, M.M. Islam, S.A. Hossain and **M.E. Hossain***. Ascorbic Acid Content in Tree Leaves as A Proxy of Air Pollution in Cities. Presented in the 2nd International Conference on Advancement of Life Sciences 2021. Organized by Faculty of Life Science, Mawlana Bhashani Science and Technology University (MBSTU), Tangail, Bangladesh, 12-13 March 2021.
8. Mariha Rahman Niloy, Md. Nasimul Gani, Md. Didar-ul-Alam and **Mohammad Enayet Hossain***. Effects of Manganese of Growth, Yield and Nutrient Uptake by Jute Variety BJRI Tossa Jute-7. Presented in International Conference on Science and Technology for Celebrating the Birth Centenary of Bangabandhu (ICSTB 2021). Organized by Bangladesh Council of Scientific and Industrial Research (BCSIR), Bangladesh Council of Scientific and Industrial Research (BCSIR), Dr. Qudrat-I-Khuda Road, Dhanmondi, Dhaka 1205, 11-13 March 2021.
9. Saif Shahrukh, Muhammad Nurul Huda, Md. Mominul Islam, Shahid Akhtar Hossain, and **Mohammad Enayet Hossain***. Evaluation of Air Pollution Tolerance Index and Anticipated Performance Index of Four Roadside Tree Species in Dhaka, Bangladesh: Possible Application for Green Belt Development. Presented in International Conference on Science and Technology for Celebrating the Birth Centenary of Bangabandhu (ICSTB 2021). Organized by Bangladesh Council of Scientific and Industrial Research (BCSIR), Bangladesh Council of Scientific and Industrial Research (BCSIR), Dr. Qudrat-I-Khuda Road,

Dhanmondi, Dhaka 1205, 11-13 March 2021.

10. Mahbuba Naznin, A. F. M. Manzurul Hoque, Md. Didar-ul-Alam and **Mohammad Enayet Hossain***. Phosphorus Fractions in Two Soils Amended with Biochar and Phosphorus Fertilizer. Presented in International Conference on Science and Technology for Celebrating the Birth Centenary of Bangabandhu (ICSTB 2021). Organized by Bangladesh Council of Scientific and Industrial Research (BCSIR), Bangladesh Council of Scientific and Industrial Research (BCSIR), Dr. Qudrat-I-Khuda Road, Dhanmondi, Dhaka 1205, 11-13 March 2021.
11. Rubaiat Sharmin Promi, Sayma Khanam, Shahid Akhtar Hossain and **Mohammad Enayet Hossain***. Removal of Phosphate from Aqueous Solutions by MgO-biochar Nanocomposites: Kinetics and Isotherm Studies. Presented in International Conference on Science and Technology for Celebrating the Birth Centenary of Bangabandhu (ICSTB 2021). Organized by Bangladesh Council of Scientific and Industrial Research (BCSIR), Bangladesh Council of Scientific and Industrial Research (BCSIR), Dr. Qudrat-I-Khuda Road, Dhanmondi, Dhaka 1205, 11-13 March 2021.
12. Dibya Kanti Datta, Tandra Biswas, Md. Omor Suny Akon, Sirajul Hoque and **Mohammad Enayet Hossain***. Sorption Isotherms for Modeling Precision Application of Phosphorus in Some Khulna Region Soils of Bangladesh. Presented in International Conference on Science and Technology for Celebrating the Birth Centenary of Bangabandhu (ICSTB 2021). Organized by Bangladesh Council of Scientific and Industrial Research (BCSIR), Bangladesh Council of Scientific and Industrial Research (BCSIR), Dr. Qudrat-I-Khuda Road, Dhanmondi, Dhaka 1205, 11-13 March 2021.
13. Shamima Akhter Eti, Tarek Ahasan, Md. Mominul Islam, Shahid Akhtar Hossain, and **Mohammad Enayet Hossain***. Synthesis and Characterization of Polyaluminum Chloride Coagulant for Removal of An Anionic Dye from Aqueous Solution. Presented in International Conference on Science and Technology for Celebrating the Birth Centenary of Bangabandhu (ICSTB 2021). Organized by Bangladesh Council of Scientific and Industrial

- Research (BCSIR), Bangladesh Council of Scientific and Industrial Research (BCSIR), Dr. Quadrat-I-Khuda Road, Dhanmondi, Dhaka 1205, 11-13 March 2021.
14. Badhan Saha, Mohammad Moniruzzaman, Afroza Parvin, Md. Kamal Hossain, Shahid Akhtar Hossain, and **Mohammad Enayet Hossain**. Selenium Contents in Soil, Water and Plants in Some Arsenic Hotspot Areas of Bangladesh: Possible Implications for Arsenicosis Disease. Presented in International Conference on Science and Technology for Celebrating the Birth Centenary of Bangabandhu (ICSTB 2021). Organized by Bangladesh Council of Scientific and Industrial Research (BCSIR), Bangladesh Council of Scientific and Industrial Research (BCSIR), Dr. Quadrat-I-Khuda Road, Dhanmondi, Dhaka 1205, 11-13 March 2021.
 15. **Mohammad Enayet Hossain***, Jahan-E-Gulshan, Zuairia Binte Jashim, Saif Shahrukh, Mohammad Nurul Huda, Md. Mominul Islam, and Shahid Akhtar Hossain. Impacts of Air Pollution on Human Health: Possible Use of a Green Belt in Cities for Mitigation. Presented in International Conference on Science and Technology for Celebrating the Birth Centenary of Bangabandhu (ICSTB 2021). Organized by Bangladesh Council of Scientific and Industrial Research (BCSIR), Bangladesh Council of Scientific and Industrial Research (BCSIR), Dr. Quadrat-I-Khuda Road, Dhanmondi, Dhaka 1205, 11-13 March 2021.
 16. Saif Shahrukh, Muhammad Nurul Huda, Md. Mominul Islam, Shahid Akhtar Hossain, and **Mohammad Enayet Hossain***. Accumulation of Particulate Matter from Ambient Air by Four Evergreen Tree Species in Dhaka, Bangladesh. Presented in International Conference on Science and Technology for Celebrating the Birth Centenary of Bangabandhu (ICSTB 2021). Organized by Bangladesh Council of Scientific and Industrial Research (BCSIR), Bangladesh Council of Scientific and Industrial Research (BCSIR), Dr. Quadrat-I-Khuda Road, Dhanmondi, Dhaka 1205, 11-13 March 2021.
 17. Sharmin Sultana, Tamjid-Us-Sakib, Shahid Akhtar Hossain and **Mohammad Enayet Hossain***. Suitability Assessment of Treated Sugar Mill Effluent for Irrigation Purposes. Presented in International Conference on Science and Technology for Celebrating the Birth Centenary of Bangabandhu (ICSTB 2021). Organized by Bangladesh Council of Scientific and Industrial Research (BCSIR), Bangladesh Council of Scientific and Industrial Research (BCSIR), Dr. Quadrat-I-Khuda Road, Dhanmondi, Dhaka 1205, 11-13 March 2021.
 18. Tandra Biswas, Dibya Kanti Datta, Md. Omor Suny, Sirajul Hoque and **Mohammad Enayet Hossain***. Phosphorus sorption characteristics and phosphorus buffer coefficients of some soils of Khulna Region, Bangladesh. Presented in International Conference on Science and Technology for Celebrating the Birth Centenary of Bangabandhu (ICSTB 2021). Organized by Bangladesh Council of Scientific and Industrial Research (BCSIR), Bangladesh Council of Scientific and Industrial Research (BCSIR), Dr. Quadrat-I-Khuda Road, Dhanmondi, Dhaka 1205, 11-13 March 2021.
 19. **M.E. Hossain***, S. Hossain, H.T. Moutushi, A.S. Razzaque, S.A. Hossain, S. Hoque. Evaluation of Some Natural Waste Products for Removal of Heavy Metals from Aqueous Solutions and Industrial Effluents. Presented in International Conference on Recent Advances in Chemistry (ICRAC). Organized by Department of Chemistry, Jagannath University, Dhaka 1000, Jagannath University, Dhaka, Bangladesh, 07-08 February 2020.
 20. A.S. Razzaque, S.A. Hossain, **M.E. Hossain***. Efficacy of Banana Peel for Removal of Pb(II) and Cr(VI) from Aqueous Solutions and Wastewaters. Presented in International Conference on Recent Advances in Chemistry (ICRAC). Organized by Department of Chemistry, Jagannath University, Dhaka 1000, Jagannath University, Dhaka, Bangladesh, 07-08 February 2020.
 21. S.H. Peu, **M.E. Hossain***, H.R. Khan. Effects of Different Biochar Materials on Growth and Nutrient Uptake of Spinach (*Spinacia oleracea*) and Red Amaranth (*Amaranthus gangeticus*). Presented in International Conference on Recent Advances in Chemistry (ICRAC). Organized by Department of Chemistry, Jagannath University, Dhaka 1000, Jagannath University, Dhaka, Bangladesh, 07-08 February 2020.
 22. R.S. Risha, **M.E. Hossain***. Phosphorus Availability and

Fractions in An Agricultural Soil as Affected by Organic Manure and Inorganic Fertilizer. Presented in International Conference on Recent Advances in Chemistry (ICRAC). Organized by Department of Chemistry, Jagannath University, Dhaka 1000, Jagannath University, Dhaka, Bangladesh, 07-08 February 2020.

23. F. Islam, **M.E. Hossain***, B. Saha, M. Moniruzzaman. Use of Freundlich, Initial Mass, and Langmuir Isotherms for Describing Adsorption of Phosphate, Sulfate, and Nitrate Anions at Environmentally Relevant Concentrations. Presented in International Conference on Recent Advances in Chemistry (ICRAC). Organized by Department of Chemistry, Jagannath University, Dhaka 1000, Jagannath University, Dhaka, Bangladesh, 07-08 February 2020.
24. J.E. Gulshan, **M.E. Hossain***, M.N. Huda, M.M. Islam, S.A. Hossain. Characterization of Particulate Matter (PM₁₀) in Some Selected Spots of Dhaka City, Bangladesh with respect to Human Health Risks. Presented in International Conference on Recent Advances in Chemistry (ICRAC). Organized by Department of Chemistry, Jagannath University, Dhaka 1000, Jagannath University, Dhaka, Bangladesh, 07-08 February 2020.
25. Zuairia Binte Jashim, **Md Enayet Hossain**, Mohammad Nurul Huda, Md Mominul Islam and Shahid Akhtar Hossain. Air Pollution Tolerance Index (APTI) and Stomatal Pore Size in Plants as Affected by Particulate Matter (PM₁₀) Pollution. Presented in International Conference on Recent Advances in Chemistry (ICRAC). Organized by Department of Chemistry, Jagannath University, Dhaka 1000, Jagannath University, Dhaka, Bangladesh, 07-08 February 2020.
26. Risti Sharmin Risha and **Mohammad Enayet Hossain***. Phosphorus Availability and Fractions in an Agricultural Soil as Affected by Organic Manure and Inorganic Fertilizer. Presented in International Conference on Earth and Environmental Sciences & Technology for Sustainable Development (ICEEST 2020). Organized by the Faculty of Earth and Environmental Sciences, University of Dhaka, InterContinental Dhaka, Bangladesh, 25-27 January 2020.
27. Zuairia Binte Jashim, **Md Enayet Hossain**, Mohammad Nurul

Huda, Md. Mominul Islam and Shahid Akhtar Hossain. Changes in Air Pollution Tolerance Index (APTI) in Plants as Affected by Particulate Matter (PM₁₀) Pollution. Presented in International Conference on Earth and Environmental Sciences & Technology for Sustainable Development (ICEEST 2020). Organized by the Faculty of Earth and Environmental Sciences, University of Dhaka, InterContinental Dhaka, Bangladesh, 25-27 January 2020.

28. Jahan-e-Gulshan, **Mohammad Enayet Hossain**, Mohammad Nurul Huda, Md. Mominul Islam and Shahid Akhtar Hossain. Characterization of Particulate Matter (PM₁₀) in Some Selected Spots of Dhaka City, Bangladesh with respect to Human Health Risks. Presented in International Conference on Earth and Environmental Sciences & Technology for Sustainable Development (ICEEST 2020). Organized by the Faculty of Earth and Environmental Sciences, University of Dhaka, InterContinental Dhaka, Bangladesh, 25-27 January 2020.
29. Fahima Islam and **Mohammad Enayet Hossain***. Freundlich, Initial Mass and Langmuir Isotherms for Describing Adsorption of Phosphate, Sulfate and Nitrate Anions at Environmentally Relevant Concentrations. Presented in International Conference on Earth and Environmental Sciences & Technology for Sustainable Development (ICEEST 2020). Organized by the Faculty of Earth and Environmental Sciences, University of Dhaka, InterContinental Dhaka, Bangladesh, 25-27 January 2020.
30. **Rabbi MF**, Khan MI, Hasan S, Chalita M, Hasan KN, Sufian A, Hosen MB, Polol MNI, Naima J, Lee K, Kim YO, Razu MH, Khan M, Chun J, Hasan NA, Rahman MM, Khaleque MA, Akhteruzzaman, 2021, "Establishing the True Effect of SARS-CoV-2 Genomic Variation on Phylogeny and Clinical Manifestations: A Bangladeshi Perspective Based Study", World Microbe Forum.

Ongoing projects

1. Assessment of 292 Remaining Upazilas for the Impacts of Climate Change on Soil Health and Food Security, and Adaptation of Climate-smart Agriculture in Most Adversely Affected Areas of Bangladesh. Funded by the Climate Change Trust Fund (two

years: 2019-20), MoEFCC, GoB. Principal Investigator: Prof. Dr. Md. Harunor Rashid Khan

2. Selenium bio-fortification of crops to improve crop quality and human nutrition 2019-2020 (two years) (Funded by BANBAIS, Gov.BD). Principal Investigator: Assistant Prof. Dr. Md. Tanvir Ahmed Chowdhury; Co-Investigator: Prof. Dr. Zakia Parveen
3. Soil Enzymatic Activities as Affected by Biochar Amendment (Funded by Centennial Research Grant, University of Dhaka), 2021-2022. Principal Investigator: Assistant Prof. Dr. Mohammad Enayet Hossain; Co Investigator: Prof. Dr. Zakia Parveen
4. Seasonal Changes of Hydrology and climate influence on Soil-Water Quality of Hakaluki Haor in Bangladesh. (Funded by Delta Study Centre, University of Dhaka), 2020-2021. Principal Investigator: Assistant Prof. Dr. Sonia Hossain.

Department of Botany (1939/1954)

Chairman

Professor Rakha Hari Sarker, Ph.D. (Reading, UK).

Professor

(1) Shamim Shamsi, Ph.D.; (2) M. Imdadul Hoque, Ph.D.; (3) Mihir Lal Saha, Ph.D. (Utsunomiya, Japan); (4) Parveen Rashid, Ph.D.; (Kolkata, India); (5) Ashfaque Ahmed, Ph.D.; (6) Mohammad Zashim Uddin, Ph.D.; (7) Mohammed Almujaaddade Alfasane, Ph.D.; (8) Mohammad Nurul Islam, Ph.D. (ICGEB, India); (9) Mohammad Zabed Hossain, Ph.D. (Japan); (10) Md. Oliur Rahman, Ph.D. (Japan); (11) Md. Abdul Karim, Ph.D. (Ehime, Japan); (12) Mohammad Azmal Hossain Bhuiyan, Ph.D. (Japan).

Associate Professor

(1) Syeda Sharmeen Sultana, Ph.D.; (2) Rifat Samad, Ph.D.

Assistant Professor

(1) Rita Sarah Barna, Ph.D. (Nottingham, UK); (2) Tahmina Islam, Ph.D. (ICGEB, India); (3) Kishwar Jahan Shethi, MRes (UK) [Study leave]; (4) Nadra Tabassum, MRes (UK) [Study leave]; (5) Tahsin Khan, MS [Study leave]; (6) Sarowar Hosen, MS [Study leave]; (7) Saiful Islam, MS [Study leave].

Lecturer

(1) Md. Abul Kashem, MS; (2) Mahin Mohid, MS; (3) Chandan Kumar Dash, MS.

Supernumerary Professor

Professor Moniruzzaman Khondkar, Ph.D. (Vienna, Austria).

Honorary Professor

(1) Professor Abdul Aziz, Ph.D. (UK); (2) Professor M. Shahadat Morshed, Ph.D.

Number of Students

Class Year	Session	Number
BS (Hons)		
1 st Year	2019-2020	91
2 nd Year	2018-2019	68
3 rd Year	2017-2018	60
4 th Year	2016-2017	58
BS (Hons) (Extra-Departmental)		
1 st Year	2019-2020	334
2 nd Year	2018-2019	118
MS	2019-2020	63
MPhil	-	10
PhD	-	20
Total =		822

Examination Results

Year of Examination	No. of examinees	Promoted/passed	Percentage of Pass
1 st year	74	68	91.89%
2 nd year	60	60	100%
3 rd year	59	58	98.30%
4 th year	64	64	100%
MS	60		Exam continuing

Teachers' Activities

Professor Rakha Hari Sarker is currently serving as the Chairman of the Department of Botany. His research area focused on Plant Breeding, Genetics and Biotechnology. He is supervising two MS and five PhD research fellows. He is working on (i) Improvement of oil seed Brassica using modern breeding and Biotechnology. (ii) Development of salt and drought tolerant potato through plant genetic engineering. (iii) Development of salt and drought tolerance in local varieties of brinjal using the techniques of plant genetic engineering. (iv) Development of stress tolerance in local varieties of peanut using methods of plant genetic transformation. (v) Creation of variation in chrysanthemum and gerbera using radiation and in vitro techniques. Professor Dr. Rakha Hari Sarker is currently (i) serving as Director of Center for Advanced Studies and Research in Biological Sciences, University of Dhaka, (ii) Member of the Governing Body of Institute of Biological Sciences, Rajshahi University, (iii) Member of the Governing Body of CRP Nursing College, Savar, Dhaka. (iv) Member of the Governing Body of Saphena Womens' Dental College, Dhaka. He published five research articles in the current academic year.

Professor Shamim Shamsi is working on Taxonomy and Biology of fungal plant pathogens. She is supervising four MS, two M.Phil. and five Ph.D. research students. Presently she is working on (i) Taxonomy and biology of fungal plant pathogens. (ii) Molecular detection of fungal plant pathogens (iii) Chemical and biological control of fungal plant pathogens and (iv) study of lichen flora. She published sixteen research articles in the

current academic year. She published 13 research articles in the current academic year. Currently two projects are on going under her supervision, they are, research project funded by Centre for Advanced Studies and Research in Biological Science. DU. (2020-21) and 'Special Allocation for Science and Technology' Funded by Government of the People's Republic of Bangladesh Ministry of Science and Technology. (2020-2021).

Professor M. Imdadul Hoque is working on the area of Plant Breeding, Genetics and Biotechnology. He is also serves as the Dean of Biological Sciences, University of Dhaka. He has been supervising four MS and five PhD research fellows. He is working on (i) Development of salinity and drought tolerant potato, brinjal, rice and *Brassica* varieties using modern biotechnology, (ii) Development of biotic and abiotic stress tolerant peanut through genetic engineering, (iii) Development of salinity and drought tolerant potato varieties using CRISPR-Cas9 genome editing technology. He attended Annual Plant Tissue Culture and Biotechnology Conference-2020 (March 06, 2021) at University of Dhaka, Dhaka-1000. He published two research articles in the current academic year.

Professor Mihir Lal Saha is working on Microbial Biotechnology. He is supervising two MS and one PhD research fellows. Currently he is working as Director of Arboriculture Centre, Dhaka University. He is also the provost of Jagannath Hall, University of Dhaka. He is also the Secretary of Bangladesh Association for Plant Tissue Culture & Biotechnology, Editor of Bangladesh Journal of Botany, Plant Tissue Culture & Biotechnology Journal and Associate Editor of Dhaka University Journal of Biological Sciences. He is working on (i) Isolation of novel antibiotic producing bacteria from soil, (ii) Isolation of pigment producing bacteria from soil and (iii) Bacteria associated with leafy salad materials and their antibiogram. He attended 11th International Forum on Magnetic Force Control conference and presented a paper entitled "Application of magnetic separation technique in various biological processes" organized by International Forum on Magnetic Force Control, October 23-24, 2020 (virtual). In March (11-13) 2021, he attended as a session Chair (TS Biodiversity-2) to an International Conference on Science and Technology for Celebrating the Birth Centenary of Bangabandhu (ICSTB-2021) organized by BCSIR, Dhaka.

Professor Parveen Rashid is working on Plant Anatomy. Currently her research focused on “Genetic diversity within the individuals and among the populations of *Grewia nervosa* (Lour.) Paingrahi from different Sal forests of North Western parts of Bangladesh. She published five research articles in the current academic year.

Professor Ashfaque Ahmad is working on Plant Ecology. His research focused on the climate change specially soil carbon reserves, respiration of Sundarban Mangrove forests and Genetic diversity of *Grewia nervosa* growing in different Sal forests of Bangladesh to find out causes of population structure changes. Currently he is supervising four MS and two PhD research students. He has five on going projects, 1. Phenology of some selected phanerogams of Curzon Hall Campus, Dhaka University in relation to climate and edaphic variables; 2. Genetic diversity within the individuals and among the populations of *Grewia nervosa* (Lour.) Paingrahi from different Sal forests of North-Western parts of Bangladesh. Funded by Ministry of Education (GARE program), GoB; 3. Soil Carbon reserve and respiration of Sundarban mangrove forests ecosystem of Bangladesh. Funded by Ministry of Science and Technology, GoB; 4. Effects of changing climate and water quality on the phytoplankton diversity and species composition of different rivers of Bangladesh Sundarbans and; 5. Plant-pollinator interactions of Bangladesh Sundarbans. Funded by National Geography Channel (NatGeo). He published two research article in the current academic year.

Professor Mohammed Zashim Uddin is working on Plant Taxonomy and Ethnobotany. He is supervising three MS and two MPhil research fellows. He is currently working on (i) Ethnobotanical study in and around Dhaka, (ii) Plant diversity of Capital Dhaka, (iii) Invasive Alien species in Rema-Kalenga wildlife sanctuary (iv) Review work on the flora of Sundarbans, (v) Flora of Matarbari and Sonadia and (vi) Ethnobotany of Lalmai hills and Raipura Upazila. (vi) Collaborative Research entitled Traditional knowledge of Bangladeshi plants between me and Kyungpook National University, South Korea. He visited isited Rema-Kalenga wildlife sanctuary, Chunarughat, Habigonj; National Botanical Garden; and Matabari and Sonadia Island for flora survey. He gave interview in several

local TV channels about different seasonal plants, fruits, and plantation and biodiversity conservation to increase public awareness. He presented talk in a number of seminars about Biodiversity conservation. He published three research articles and two book chapters in the current academic year.

Professor Mohammed Almujaadde Alfasane is working on Phycology and Limnology. He is supervising four MS, one MPhil and three PhD research fellows. He is working on (i) Production of Nanocellulose Filter from Algae for Drinking Water Purification in Bangladesh - Project of Uppsala University, Sweden in collaboration with the University of Dhaka, (ii) Evaluation of algae derived carbon for supercapacitor application- jointly collaboration with Centre of Research Excellence in Nanotechnology Research Institute, King Fahd University of Petroleum & Minerals (KFUPM), Saudi Arabia, (iii) Production of Biofuel from algae, (iv) Phytoplankton and Macrophyte diversity in different rivers of Bangladesh, (v) Phytodiversity and their seasonal variation in wetlands of Lalmai Hill areas of Comilla, (vi) Study of hydrobiology and algal genetic diversity of Naf River in Cox's Bazar, Bangladesh- financed by the Government of the People's Republic of Bangladesh, Ministry of Science and Technology, (vii) Phytodiversity of Piyan river in Sylhet, Bangladesh - financed by Centre for Advanced Studies and Research in Biological Sciences, University of Dhaka (viii) Study of Water quality and phytoplankton diversity of Sangu River, Bandarban, (ix) Phytoplankton diversity and physico-chemical aspects of Lake Kaptai, Rangamati- financed by University Grants Commission of Bangladesh, (x) Hydrobiological study of three waterbodies of Jahangirnagar University campus with particular reference to phytoplankton and macrophytes, (xi) Phytoplankton and macrophytes of Kuniar Haor, Kishoreganj in relation to selected physicochemical factors, (xii) Algal diversity in the coastal wetlands of Cox's Bazar in relation to environmental variables and ecological niche. (xiii) Seaweeds diversity of St. Martin's Island and production of algae derived carbon for high performance energy storage. He published seven research articles during the present academic year.

Professor Mohammad Nurul Islam is working on Plant Breeding, Tissue Culture and Molecular Biology. He is supervising two MS research

fellows. His research focused on (i) Genotypic Variability and conservation of Lotus (*Nelumbo nucifera* Gaertn.) in Bangladesh; (ii) Development of heat tolerant tomato lines using molecular techniques; (iii) Molecular identification and conservation of sacred plant *Ocimum* spp. in Bangladesh and (iv) Molecular Characterization of Ty-5 Gene in Different Tomato Germplasm Available in Bangladesh. He participated in (i) 1st National workshop on “Bangladesh Biosafety Clearing-House” organized by department of environment under the UNEP-GEF Project for Sustainable Capacity Building for Effective Participation in BCH (BCH III), January 24-26, 2021; (ii) Leadership management course organized by Swedish Institute from April 2021- May 2021. He published three research articles in the current academic year.

Professor Mohammad Zabed Hossain is working on Plant Ecology. He is supervising four MS, one MPhil and five PhD research fellows. He is working on (i) Rhizosphere ecology of groundnut (*Arachis hypogaea* L.) and lentil (*Lens culinaris* Medik.) in relation to arsenic toxicity in soils (ii) Soil carbon pools and dynamics of the Sal forest of Bangladesh (iii) Adaptation mechanisms of plants of deciduous *Sal* and evergreen hill forest stands in Bangladesh (iv) Plant diversity, adaptation and ecosystem services of the Ratargul swamp forests (v) Regeneration, leaf phenology and nutritional adaptation of *Sal* (*Shorea robusta* Gaertn.) in the deciduous forests of Bangladesh (vi) Effects of *Lantana camara* L. on the growth and litter decomposition of native plant species in Bangladesh (vii) Ecological impacts of pesticides used in the cultivation of high yielding potato varieties in Bangladesh. (viii) “Screening of legume crops for water use-efficiency to enhance food security of Bangladesh in the context of global climate change” funded by the University of Dhaka under Centennial research Grants program (2020-2021) (ix) ‘Use and handling practices of pesticides used in the cultivation of high yielding potato varieties in Bangladesh’ funded by the USAID-ILSI Research Foundation under Biosafety Research in Bangladesh Grant Program (BRBGP) 2019. He participated in (i) “Biodiversity of Bangladesh: current status, threats and conservation initiatives” and was a keynote speaker at the ICSTB-2021, BCSIR, Dhaka on 12 March 2021 (ii) “Bangladesh Regional Eastern Himalayan Naturenomics Forum 2021 with the theme: Understanding deforestation patterns and designing customized habitat restoration plans”

organized as co-organizer in association with Balipara Foundation, India at the Department of Botany, University of Dhaka, on 2nd March 2021 (iii) “Plastics and Ecosystem Stability” was presented as invited speaker in webinar organized by Sweden Alumni Network Bangladesh, Dhaka on 26 October 2020 (iv) “Current trends in advanced research and applications’ a webinar hosted and moderated by Mohammad Zabed Hossain in Dhaka on 17 November 2020. (v) Emerging issues on ecological research and conservation in the Southeastern Himalayan region” a webinar hosted and moderated by Mohammad Zabed Hossain on 23 August 2020. He visited several field trips to Chattogram, Tangail, Mymensingh and Gazipur for the purpose of research. He published five research articles in the current academic year.

Professor Md. Oliur Rahman is conducting research on Plant Taxonomy, Molecular Systematics and Medicinal Plants. He is supervising three MS students and one PhD research student. He is also working as editor of Bangladesh Journal of Plant Taxonomy and subject editor of Journal of Economic and Taxonomic Botany. Currently he is working on (i) A comprehensive survey and documentation of angiosperm flora of Rajbari district: Distribution, Potential and Conservation, (ii) Exploring multi-functional biological attributes of *Woodfordia fruticosa* by *in vivo* and *in vitro* screening, (iii) Antioxidant, cytotoxicity and antidiabetic potential of *Ficus hispida* and *Amorphophallus gigantea*. (iv) Screening of anticancer activity of *Argyrea nervosa*, *Vitex negundo* and *Clerodendrum viscosum* on HELA and MOLT-4 cell lines. (v) Floral diversity of Tungipara upazila of Gopalganj district with emphasis on medicinally important species, (vi) Determining IUCN Red List Categories of selected plant species of Bangladesh and (vii) Systematics studies of the family Sterculiaceae in Bangladesh. He participated in (i) “Understanding Deforestation Patterns and Designing Customized Habitat Restoration Plans” organized by Balipara Foundation, India, 2 March 2021; (ii) Plant Taxonomy Conference 2020, organized by Bangladesh Association of Plant Taxonomists and (iii) Plant Tissue Culture and Biotechnology Conference, 2020, organized by Bangladesh Association for Plant Tissue Culture and Biotechnology. He published six research publications in the current academic year.

Professor Md. Abdul Karim is working on Microbiology. He is supervising four MS and one PhD research fellows. He serves as Executive Editor of Bangladesh Journal of Botany. He is also a member of the Editorial Board of Journal of the Asiatic Society of Bangladesh; Journal of NAOMI; Microbiology Research International; Journal of Biological Sciences (Scialert.net); World Journal of Applied Sciences; International Journal of Biosciences and the Journal of Biodiversity and Environmental Sciences. He is reviewer of Science International; Currently his research focused on (i) Bacterial and chemical pollution level of the textile industrial effluents and possible remedial measures, (ii) Investigation of multidrug resistant *Enterococcus* spp. in hospital wastes in Dhaka, Bangladesh, (iii) Investigation of multidrug resistant *Enterococcus* spp. in freshwater habitats in Dhaka, Bangladesh, (iv) Isolation, selection and characterization of polyethylene terephthalate (PET) plastic bottles degrading bacteria and their degradation potentiality. (v) Isolation, selection and characterization of plant growth promoting Rhizobacteria and their effects on growth and development of lablab bean (*Lablab purpureus* L.) and (vi) Isolation, molecular characterization and antibiogram of gut microbiota of snakeheads (*Channa striata* and *C. marulius*). He participated in (1) lecture entitled “Evaporation and Lyophilization: Which is Best”. Kelly Williams and Jenny Sprung. May 26, 2021. (2) Mustafizur Rahman Khan and Saleha Khanam Trust Fund Lecture 2020. “Women Rights and Human Dignity: A South Asian Situational Analysis.” Asiatic Society of Bangladesh, 27 December 2020. (3) Saleha Khanam Trust Fund Lecture 2020. Banks and Financial Institutions in Bangladesh. Asiatic Society of Bangladesh, 24 December 2020. (4) Mrs Noor Jehan Murshid and Professor Khan Sarwar Murshid Trust Fund Lecture 2020. Bangabandhu Sheikh Mujibur Rahman and the Four “Pillars” of the Bangladesh Constitution. Asiatic Society of Bangladesh, 21 December 2020. (5) Barrister Syed Istiaq Ahmed Memorial Lecture 2020. Civil Society, State and Bangladesh: A Civilizational Quest. Asiatic Society of Bangladesh, 19 December 2020. (6) Professor Mahfuza Khanam and Barrister Shafique Ahmed Trust Fund Lecture 2020. Development of the Laws of Clinical Negligence and Tortious Damages in Bangladesh in the Light of Laws from Other Developed Jurisdictions. Asiatic Society of Bangladesh, 15 December 2020. (7) Justice Mohammad Ibrahim Memorial Lecture 2020. Banks and

Financial Institutions in Bangladesh. Asiatic Society of Bangladesh, 05 December 2020. (8) Professor Dr. Mohammad Dilawar Husain Trust Fund Lecture 2020. Medical Physics and Cancer Care Aspects in Bangladesh. Asiatic Society of Bangladesh, 19 November 2020. (9) Professor Mofassiluddin Ahmed Trust Fund Lecture 2019. Self-Harm and Suicide. Asiatic Society of Bangladesh, 11 October 2020. (10) Webinar on COVID – 19: Present Status and Challenges. Webinar organized by the Bangladesh Botanical Society. October 03, 2020. (11) Bacterial bioremediation of polluted river water used for irrigation. The 6th International Conference on Agricultural and Biological Sciences (ABS 2020). Tokyo University of Agriculture, Japan. August 23-26, 2020. Due to COVID - 19 pandemic the conference has been conducted virtually. (12) The Expanding Role of Microbiology in Antimicrobial Stewardship. Webinar organized by the Labroots. November 27, 2020. (13) FINAS Foundation Lecture 2020. Understanding and Improving Jute for Value Addition. Asiatic Society of Bangladesh, 16 March 2021. (14) Dr. Serajul Haque and Mahzuzah Haque Trust Fund Lecture 2020. Asiatic Society of Bangladesh, 06 April 2021. (15) HbA1c: past, present and future. Webinar organized by the Labroots. May 18, 2021. (16) Understanding and Managing Challenging Samples in your Laboratory. Webinar organized by the Labroots. May 20, 2021. (17) Mohammad Wazed Ali Trust Fund Memorial Lecture 2020. Asiatic Society of Bangladesh, 27 May 2021. (18) At the edge of genomics: Sequencing single viral particles, One at a time. Webinar organized by the Labroots. June 2, 2021, (19) Dr. Md. Mainul Islam and Mr. Waliul Islam Memorial Trust Fund Lecture 2020. Genesis and impacts of neoliberal economic reforms in Bangladesh. Asiatic Society of Bangladesh, 10 June 2021. (20) Increasing Allocation in the Social Security & Welfare Programs: Is Bangladesh heading towards a Welfare State? Webinar organized by the Centre for Social Science Research & Training (CSRT), Jagannath University. June 15, 2021. (21) HbA1c: The Hidden Factors - Biological Interferences. Webinar organized by the Labroots. June 15, 2021. (22) Ocean Observation System- Present and Future: Context of the Bay of Bengal. NOAMI's International Lecture Series on 17 June 2021. (23) Dr. R A Ghani and Mrs. Hosne Ara Ghani Trust Fund Lecture 2020. Recent development of stereo vision: Self-guided stereo correspondence (SGSC).

Asiatic Society of Bangladesh, 21 June 2021. He has three research publications in the current academic year.

Professor Mohammad Azmal Hossain Bhuiyan is working on Phycology and Limnology. He is supervising four MS students and one MPhil research fellow. Currently he is working on (i) Study of wetland Nikli Haor of Bangladesh with particular reference to its water quality and biodiversity assessment with advanced techniques and conservation”funded by Ministry of Science and Technology, Government of people’s Republic of Bangladesh, 2020-2021, (ii) Water quality and biodiversity assessment of wetland Hail Haor of Bangladesh with advanced techniques and its conservation” fundedby Ministry of Science and Technology, Government of people’s Republic of Bangladesh, 2019-2020, (iii) Diversity of coastal plankton and water quality assessment at Cox’s Bazar Sea Beach, Bay of Bengal, Bangladesh, (iv) Morphology and phylogeny of *Pyramimonasokinawaensis* sp. nov. (chlorophyceae, Pyramimonadales) from the Ryukyu Archipelago, Japan, (v) Re investigation of *Pyramimonasangulata* N. Carter, (vi) Biodiversity assessment of coastal and marine environments of Bangladesh and its application to implement Blue Economy Action Plan of the Government of the Peoples Republic of Bangladesh, (vii) Studies on the water quality and micro-algal diversity of Turag River funded by Centre for Advanced Studies and Research in Biological Sciences, University of Dhaka (2019-2020). (viii) Phytoplankton diversity and water quality assessment of the River Buriganga, Bangladesh funded by Biotechnology Research Centre, University of Dhaka. Dhaka-1000. (ix) Mapping and Monitoring of Plant Biodiversity Resources of Bangladesh. The Centennial Research Grant. University of Dhaka. Dhaka-1000. (x) A Book on Biodiversity: University, Species, Interaction and Function. (xi) Phytoplankton diversity and water quality assessment of the River Buriganga at post removal phase of tanneries from Hazaribagh, Dhaka, Bangladesh. UGC Research Grant University of Dhaka, Dhaka 1000, Bangladesh. (xii) Study of Sundarban Estuarine Ecosystem with particular reference to its water quality and evaluation of diversity of plankton with advanced techniques and conservation. He attended (i) Attended Bangladesh Regional Eastern Himalayan Naturenomics TM Forum 2021 organized by Balipara Foundation, Assam, India in association with the department of Botany,

DU March 02, 2021. (ii) Attended International Webinar-1: ‘History of the University of Dhaka and Higher Education in Bangladesh’, January 22-24, 2021 organized by The Organizing Committee of the International Conference on Celebrating the 100 Years of the University of Dhaka: Reflections from the Alumni - International as well as National. (iii) Presented a scientific article entitled “Taxonomy and molecular phylogeny of the genus *Pyramimonas* from the Ryukyu Islands, Japan” in International Webinar-2 on ‘Sciences for Society’, February 25-27, 2021 organized by The Organizing Committee of the International Conference on Celebrating the 100 Years of the University of Dhaka: Reflections from the Alumni - International as well as National. (iv) Participated in the International Webinar-3 titled “Arts, Literature and Culture” on 28-31 March 2021 organized by The Organizing Committee of the International e-Conference on Celebrating 100 years of the University of Dhaka: Reflections from Alumni—International as well as National. (v) Attended International Webinar-4 on ‘Business for Sustainability’ on 25 - 27 April, 2021 organized by The Organizing Committee of the International Conference on celebrating the 100 Years of the University of Dhaka: Reflections from the Alumni - National and International. (vi) Participated in the Webinar-5 on ‘Social Sciences for Life and Living’ on 29 - 31 May, 2021 organized by The Organizing Committee of the International Conference on celebrating the 100 Years of the University of Dhaka: Reflections from the Alumni - National and International. (vii) Attended Webinar 6 on ‘Futures of Higher Education’ on 26-28 June 2021 organized by The Organizing Committee of the International Conference on Celebrating the 100 Years of the University of Dhaka: Reflections from the Alumni - National and International. (viii) Participated in the Plant Tissue Culture and Biotechnology International Webinar on March 6-8, 2021 organized by Department of Botany, University of Dhaka, Bangladesh. (ix) Attended a seminar on ‘Humanitarian Engineering for Sustainable Development’ to celebrate World Environment Day, 05 June 2021 organized by Department of Chemistry, University of Dhaka, Bangladesh. (x) Participated in a webinar on the ‘Development of knowledge on environmental contamination and food safety in Bangladesh’, April 13, 2021 organized by International Science Programme (ISP), Uppsala University, Sweden supported Research Group BAN: 04, Department of Chemistry, University of Dhaka, Bangladesh.

(xi) Attended an International Webinar on ‘COVID-19: Virus and Vaccines’ on February 12, 2021 organized by Department of Chemistry, University of Dhaka, Bangladesh. (xii) Participated in the International Webinar Seminar on ‘Natural Products Chemistry’ January 29, 2021 organized by International Science Programme (ISP), Uppsala University, Sweden supported Research Group BAN:04, Department of Chemistry, University of Dhaka, Bangladesh. (xiii) Participated in a lecture on “Opportunities of Natural Products Research in Drug Discovery” and “Coumarin compounds from *Clausena excavata*: Its Isolation Method, Structure Elucidation, Derivatization, and Bioactivity Test” organized by Faculty of Pharmacy, University of Dhaka, Dhaka 1000, Bangladesh. (xiv) Attended an International webinar on ‘Extreme Structure Determination (Highlighting importance of NMR to structure determination)’ delivered by Prof. Marcel Jaspars, Chair, Department of Chemistry, University of Aberdeen and Vice President International, the Royal Society of Edinburgh, UK organized by Faculty of Sciences, University of Dhaka, Dhaka 1000, Bangladesh. (xv) Participated in an international seminar on ‘Role of Women during the COVID-19 Pandemic’, on 11 September 11, 2020 organized by BAN:04 Research Group, Department of Chemistry, University of Dhaka. He led scientific expedition in (i) Saint Martin, Cox’s Bazar, Chittagong, Teknaf, Rangamati areas during March 2021 for the purpose of collecting samples and performing field experiments with the students of MS Thesis and M. Phil Students. (ii) Barishal, Patuakhali areas for collecting samples and performing field experiments in June, 2021. (iii) Greater Haor areas to collect samples and perform experiments, 2021. He published one research article in the current academic year.

Dr. Syeda Sharmeen Sultana is working on Cytogenetics. She is supervising four MS students and one PhD research fellows. Her present research includes (i) Characterization of wild Jute species through molecular cytogenetics, (ii) Chromosomal characterization of economically important three *Cinnamomum* species from Bangladesh and (iii) Comparative cytogenetical analysis of four medicinal *Terminalia* species. (iv) Characterization of three medicinal *Barleria* species from Bangladesh through differential chromosome banding. (v) Chromosomal diversity of three medicinal *Bauhinia* species through molecular

cytogenetics. She published five research articles in the current academic year.

Dr. Rifat Samad is working on Plant Physiology and Plant Nutrition. She currently plays role as student advisor. She is supervising three MS students. Her present research includes (i) Effects of exogenous application of kinetin on physiological, biochemical and molecular characteristics of rice under arsenic stress. (ii) Physiological, biochemical and molecular aspects of water stress responses in lentil. (iii) Effects of gibberellic acid on seed germination and growth of mungbean under salinity stress. She published four research articles in the present academic year.

Dr. Rita Sarah Barna is working on Plant developmental genetics, Plant Tissue Culture and Biotechnology. She is supervising three MS students. Her present research includes (i) Identification and utilization of *EXO70* genes to improve rice root architecture as a strategy for developing climate resilient crops (ii) Establishment of regeneration and transformation systems in indica rice varieties (iii) Molecular ccharacterisation of multiple grain rice Biram sundari (iv) Development of salinity and drought tolerant potato varieties by using CRISPR-Cas9 genome editing technology. She attended Annual Plant Tissue Culture and Biotechnology Conference-2020 (March 06, 2021) at University of Dhaka, Dhaka-1000.

Dr. Tahmina Islam is working on Plant Breeding, Tissue Culture, Molecular Biology and Bioinformatics. She is supervising two MS students and two PhD research fellows. She is also working as academic editor of Agronomy journal (MDPI). Her present research includes (i) CRISPR/Cas9 genome editing for lowering erucic acid content in Brassica Rapa (L.). (ii) Genome wide identification, characterization and expression profiling of the Helicase gene family in Brassica. (iii) Development of Drought Tolerant Potato through Genome Editing. (iv) Genotyping and assessment of fungal resistance in transgenic peanut lines. She attended (i) CRISPR EDGE Webinar. Organized by Chinese Academy of Science. 4th May, 2021; and (ii) Accelerating plant sciences and agriculture'. Organized by CABI. 27th April, 2021. (iii) Annual Plant Tissue Culture and Biotechnology Conference-2020 (March 06, 2021) at University of Dhaka,

Dhaka-1000. She published five research articles in the present academic year.

Kishwar Jahan Shethi is working on plant physiology and plant anatomy. She went on a study leave for PhD research in University of Sheffield, United Kingdom.

Nadra Tabassum is working on Bryophytes and pteridophytes. She went on a study leave for PhD research in University of Edinburgh, United Kingdom.

Tahsin Khan is working on Microbiology. Currently he is on study leave for PhD Research in University of New South Wales (UNSW), Sydney, Australia.

Sarowar Hosen is working on Plant Pathology. Currently he is on a study leave for PhD research in University of Edinburgh, United Kingdom.

Saiful Islam is working on Plant physiology. Currently he is on a study leave for PhD research in Iowa State University, USA.

Md. Abul Kashem is working on plant ecology. He is currently focusing on (i) Ecology of bacteria associated with the root nodules of groundnut (*Arachis hypogaea* L.) grown in the arsenic affected soil and (ii) Genetic diversity of teak (*Tectona grandis* L.f.) from different geographical locations of Bangladesh by using microsatellite markers. (iii) Molecular characterization of selected legume crop species for water-use efficiency in the context of global climate change. (iv) Eco-physiological responses of selected winter legume crops to water stress conditions. He attended (i) Online Exam Management (Incourse, Mid-Term, Tutorial and Final) arranged by Centre of Excellence in Teaching & Learning (CoETL), University of Dhaka, Dhaka-1000 (ii) How to Write a Research Proposal (PhD & Project)" from Centre of Excellence in Teaching & Learning (CoETL), University of Dhaka, Dhaka-1000. (iii) Attended "Bangladesh Regional Eastern Himalayan Naturenomics Forum 2021 with the theme: Understanding deforestation patterns and designing customized habitat restoration plans" organized by Balipara Foundation, India at the

Department of Botany, University of Dhaka, on 2nd March 2021. (iv) Attended a webinar on "Current trends in advanced research and applications" hosted and moderated by Mohammad Zabed Hossain in Dhaka on 17 November 2020 and (v) Attended another webinar on "Emerging issues on ecological research and conservation in the Southeastern Himalayan region" hosted and moderated by Mohammad Zabed Hossain on 23 August 2020. He facilitate several field trips to various parts (Sitakunda Ecopark and Madhupur Sal forest) of Bangladesh for the purpose of research. He published four research articles in the current academic year.

Mahin Mohid is working on Phycology. She published two research articles in the current academic year.

Chandan Kumar Dash is working on Plant Cytology and Cytogenetics. Currently he is working on (i) Evaluation of medicinal properties of *Gloriosa superba* and the effect of *Gloriosa* leaf extract on plant chromosome and (ii) Investigation of mitosis and microsporogenesis in three medicinally important *Passiflora* species of Bangladesh. (iii) Counter banding karyotyping with special reference of CMA/DAPI and cytotoxicity assessment of *Mimosa pudica* L.: An important medicinal plant of Bangladesh. (iv) Karyotype profile and cytotoxicity assessment of medicinally important *Passiflora incarnata* L. through conventional and fluorescent chromosome analysis. (v) Karyotype analysis and microsporogenesis of *Clerodendrum viscosum* Vent. using orcein and DNA base specific fluorochrome banding. He attended Training (i) March 06, 2021: Annual Plant Tissue Culture and Biotechnology Conference-2020. University of Dhaka, Dhaka-1000. (ii) Online workshop on "Online Exam Management (Incourse, Mid-Term, Tutorial and Final)" arranged by Centre of Excellence in Teaching & Learning (CoETL), University of Dhaka. (iii) Online workshop on "How to Write a Research Proposal (PhD & Project)" arranged by Centre of Excellence in Teaching & Learning (CoETL), University of Dhaka. He published four research articles in the current academic year.

Professor Moniruzzaman Khondker is Supernumerary Professor of the Department of Botany. He is working on Limnology, Phycology and

Biodiversity. He is supervising ten MS and two PhD research fellows. At present, he is working on (i) water quality and biodiversity assessment of wetland 'Hail Haor' with advanced techniques and its conservation; (ii) Comparative study on water quality and algal diversity of two urban peripheral rivers of Dhaka metropolis, Bangladesh; (iii) Plankton ecology and primary productivity of the Bay of Bengal. (iv) Mapping and Monitoring Plant Biodiversity Resources of Bangladesh. অর্থায়নেঃ ২০২০-২০২১ অর্থবছরে ঢাকা বিশ্ববিদ্যালয়ের শতবর্ষপূর্তি ও মহান স্বাধীনতার সুবর্ণ জয়ন্তী উদযাপন উপলক্ষে "গবেষণা প্রকল্প". He attended (i) 6th International Conference on Agriculture and Biological Sciences, China, August 23-26, 2020, online, presented a video entitled "Man and Mangroves: Socio-economic benefits, Environmental and Carbon Sequestration". (ii) International Conference on Celebrating the 100 Years of the University of Dhaka: Reflections from the Alumni—International as well as National. Participated in Webinar 1: History of Dhaka University and Higher Education in Bangladesh on 22 January 2021. Paper presented titled: "History of science education of the university of Dhaka and its role in Bangladesh perspective" (iii) Participated a Webinar on "Emerging issues on ecological research and conservation in the southeastern Himalayan region" and presented a paper on Phytoplankton of Tanguar Haor, Bangladesh. 23 August 2020, Time: 07:00-08:30 pm. (iv) Presented one lecture to the Grade-5 students of Aga Khan School, Dhaka on 5 May 2021 on 'Biodiversity' and (v) Participated a Webinar on "Tree Plantation: The Best Solution to Protect the World", organized by Sweden Alumni Network in Bangladesh, presented a paper entitled "Plant landscape suitability and beautification", on 24 July 2021, 08:00 - 23:00 pm. He published two research articles in the current academic year.

List of Publications

1. Adam AMMG, Jahan N and Rashid P 2020. Effects of NAA and nitrogen use efficiency of BARI Gom-25 (*Triticum aestivum* L.). Bangladesh J. Bot. **49**(3):643-651.
2. Ahmed A, Ahmed T and Ataulah M 2021. Carbon stock of different parts of major plant species of three ecological zones of Bangladesh Sundarbans. Bangladesh J. Bot. **50**(2): 373-385.

3. Akhter M and Shamsi S 2021. Screening of fungicides and Plant extracts for controlling blight disease of *Tagetes* spp. Asiat. Soc. Bangladesh, Sci. **47**(1): 79-89. DOI: <https://doi.org/10.3329/jasbs.v47i1.54188>.
4. Aktar M and Shamsi S 2020. Antagonistic potentials of selective soil fungi against three pathogenic fungi of *Tagetes erecta* L. and *T. patula* L. Dhaka Univ. J. Biol. Sci. **29**(2): 147-153, 2020.
5. Aktar M and Shamsi S 2021. Mycoflora associated with infected plant parts of *Tagetes erecta* L. and *Tagetes patula* L. Bangladesh J. Bot. **50**(1): 131-140.
6. Akhi SS, Sarkar BK, Sultana N, Jui ZS, Sarker RH and Rahman MO 2021. Molecular characterization of *Canna indica* L. based on random amplified polymorphic DNA markers. Bangladesh J. Plant Taxon. **28**(1): 75-81. <https://doi.org/10.3329/bjpt.v28i1.54209>
7. Al-Anazi KM, Ali MA, Kim SY, Rahman MO, Farah MA, Al-Hemaid F, Elangbam M, Gurung AB and Lee J 2021. The cp genome characterization of *Adenium obesum*: gene content, repeat organization and phylogeny. *Saudi J. Biol. Sci.* **28**(7): 3768-3775 (Elsevier). <https://doi.org/10.1016/j.sjbs.2021.03.048>.
8. Alfasane MA, Mehnaz M, Akhtar A, Ayesha, M Shafi, S A, Islam S, Begum ZT and Moustafa M 2021. New records of Euglenophyceae from Sylhet division, Bangladesh. Bangladesh Journal of Plant Taxonomy, **28**(1): 11–15. <https://doi.org/10.3329/bjpt.v28i1.54205>
9. Alfasane MA, Bhuiyan R, and Eusufzai M 2020. *Utriculariageminiscapa* Benj. (Lentibulariaceae): A new angiospermic record for Bangladesh. Bangladesh Journal of Plant Taxonomy, **27**(1): 191-194. <https://doi.org/10.3329/bjpt.v27i1.47580>
10. Alfasane MA, Hassan MA, and Bhuiyan RA 2020. *Utriculariarosettifolia* Alfasane & Hassan sp. nov. (Lentibulariaceae) - A

new species from Bangladesh. Bangladesh Journal of Plant Taxonomy, **27**(2): 205–211. <https://doi.org/10.3329/bjpt.v27i2.50661>.

11. Ali MA, Rahman MO, Lee J, Al-Hemaid F, Kambhar SV, Elangbam M and Gurung AB 2020. Dissecting molecular evolutionary relationship of Krameriaceae inferred from phylotranscriptomic analysis. Bangladesh J. Plant Taxon. **27**(2): 433-439.

12. Al Noman MA and Shamsi S 2021. An improved and effective protocol for monoconidial isolation of *Pyricularia oryzae*. Journal of Plant Pathology. Società Italiana di Patologia Vegetale. pp.1-4

13. Al Noman MA, Hosen S and Shamsi S 2021. Morphological and molecular characterization of *Pyricularia oryzae*. isolates causing wheat blast in Bangladesh Indian Phytopathology. Indian Phytopathological Society. **74**(1):128-31

14. Ali MA, Pan TK, Gurung AB, Farah MA, Al-Hemaid F, Alanazi KM, Elangbam M, Lee J, Pandey SK, Rahman MO and Kim SY 2021. Plastome of *Saraca asoca* (Detarioideae, Fabaceae): annotation, comparison among subfamily and molecular typing. Saudi J. Biol. Sci. **28**(2): 1487–1493 (Elsevier). <https://doi.org/10.1016/j.sjbs.2020.12.008>.

15. Alqahtani MM, Ali MA, Rahman MO, Al-Hemaid FM, Kambhar SV and Lee J 2021. Molecular authentication of *Euphorbia schimperiana* Scheele using internal transcribed spacer sequences of nuclear ribosomal DNA. Bangladesh J. Plant Taxon. **28**(1): 125-130. <https://doi.org/10.3329/bjpt.v28i1.54212>.

16. Arabia S, Sami AA, Akhter S, Sarker RH, Islam T 2021. Comprehensive in-silico characterization of Universal Stress Proteins in rice (*Oryza sativa* L.) with insight into their stress specific transcriptional modulation.

17. Arabia S, Shah MNA, Sami AA, Ghosh A, Islam T 2021. Identification and expression profiling of proline metabolizing genes in

Arabidopsis thaliana and *Oryza sativa* to reveal their stress-specific transcript alteration.10.1007/s12298-021-01023-0.

18. Aziz A and Mohid M 2020. Structure, morphogenesis of calyptra and nomenclatural identity of *Trichodesmium erythraeum* Ehr. (Cyanobacteria) newly recorded off the Southwest coast of Bangladesh. Bangladesh Journal of Plant Taxonomy **27**(2): 273-282.

19. Aziz A and Alfasane MA 2020. New records of seaweeds from southeastern coasts of Cox's Bazar district, Bangladesh. Bangladesh Journal of Plant Taxonomy, **27**(2): 335–343. <https://doi.org/10.3329/bjpt.v27i2.50672>.

20. Begum KN, Dash CK and Sultana SS 2020. First karyotype report on *Colocasia oresbia*: A comparative cytogenetic study between two varieties. J. Bas. Appl. Gen. XXXI (2): 7-11.

21. Bhattacharjee P, Shamsi S and Bashar MA 2021. Frequency percentage of soil fungi and diversity of *Trichoderma* spp. in the rhizosphere soil of selected vegetable crop fields. Dhaka Univ. J. Biol. Sci. **30**(1): 105-114.

22. Bhuiyan MAH, Mohid M, Islam SAMS, Kowser A, Islam MR, Kakoly SA, Islam S and Khondker M 2021. Plankton composition of Hakaluki Haor of Moulvibazar, Bangladesh. Dhaka Univ. J. Biol. Sci. **30**(1): 69-78.

23. Chowdhury P, Shamsi S, Begum HH and Bashar MA 2021. Mycoflora associated with diseased rice grains in Bangladesh and their pathogenic potentiality. Bio. Res. Com. **7**(1):932-940.

24. Dash CK, Begum KN and Sultana SS 2020. Karyotype diversity among eight *Zea mays* L. varieties, Bangladesh J. Bot. **49**(4): 1157-1161.

25. Datta T, Pinky MS, Dash CK and Begum KN 2020. Orcein and fluorescent banding analysis of two floral types of *Catharanthus roseus* L. Dhaka University Journal of Biological Sciences **29**(2): 219-227.

26. Doty MK, Rashid P and Shethi KJ 2020. Study of petiole anatomy and pollen morphology of five species of *Senna* Mill. From Bangladesh. Dhaka Univ J. Biol Sci. **29**(2): 245-252. *erecta* L. and *Tagetes patula* L. Bangladesh J. Bot. **50**(1): 131-140.
27. Goswami B, MI Hoque, S Khan and RH Sarker 2020. *In vitro* regeneration of three varieties of *Brassica campestris* L. grown in Bangladesh. Bangladesh J. Sci. Ind. Res. **55**(3): 181-188.
28. Hassan MA, Alfasane MA, and Uddin MZ 2020. Taxonomic notes on *Nelumbo* Adans. With a new cultivar 'Gomoti' from Bangladesh. Bangladesh Journal of Plant Taxonomy **27**(2):225–231. <https://doi.org/10.3329/bjpt.v27i2.50663>
29. Hasan MS, Singh V, Islam S, Islam MS, Ahsan R, Kaundal A, Islam T, Ghosh A 2021. Genome wide identification and expression profiling of glutathione S-transferase family under multiple abiotic and biotic stresses in *Medicago truncatula* L. <https://doi.org/10.1371/journal.pone.0247170>.
30. Hasan MS, Islam S, Hasan MN, Sajib SD, Ahmed S, Islam T, Ghosh A 2020. Genome-wide analysis and transcript profiling identify several abiotic and biotic stress-responsive Glutathione S transferase genes in soybean. <https://doi.org/10.1016/j.plgene.2020.100239>.
31. Hossain A, Dash CK and Sultana SS 2021. Cytogenetic studies of three cultivated hill cotton (*Gossypium arboreum* L.) varieties from Bangladesh. Indian J. Gen. Plant Breed. **81**(1): 135-138.
32. Hossain MZ and Sugiyama S 2020. Relative importance of soil microbes and litter quality on decomposition and nitrogen cycling in grasslands. Ecological Research **35**: 912–924.
33. Hossain MZ, Hussaini SM, Kashem MA, Hasan MM and Khan MAA 2020. Litter quality and nitrogen mineralization of dominant tree species in the Ratargul swamp forests, Bangladesh. International Journal of Ecology and Environmental Sciences **46** (2): 195-201.
34. Jake FA, Rahman MH, Kashem MA and Hossain MZ 2020. Spatio-temporal variation in leaf traits of Sal (*Shorea robusta* Gaertn.) populations in Bangladesh. Tropical Plant Research **7**(2): 452–459.
35. Jannat M, Eva UH, Sarker RH and Islam MN 2020. Barcoding of ToLCV Resistant Tomato Germplasm in Bangladesh. Plant Tissue Cult. & Biotech **30**(1):107-117.
36. Kabir S, Kashem MA, Rahman MA, Hasan MM, Khan MAA and Hossain MZ 2020. Variation in leaf traits of *Lantana camara* L. in relation to its adaptation with the soil condition of Bangladesh. Journal of Advanced Plant Sciences **10**(2): 37- 44.
37. Kaium AA, and Shamsi S 2020. Lichen flora of National Botanical Garden, Mirpur. Dhaka. Bangladesh J. Plant Taxon. **27**(2): 447-451.
38. Karim MA and Happy RN 2020. Characterization and antibiogram profile of bacteria isolated from Buriganga river. Bangladesh J. Bot. **49**(3). 451-457.
39. Karim MA and Masum M Al 2020. Characterization and antibiogram of airborne bacterial communities. Bangladesh J. Bot. **49**(4). 937-947.
40. Khatun A, Shamsi S and Bashar MA 2020. Antagonistic potentiality of soil fungi against six fungal pathogens isolated from cotton (*Gossypium hirsutum* L.) seeds. Asiat. Soc. Bangladesh, Sci. **46**(2): 143-153.
41. Khatun A, Shamsi S and Bashar MA 2020. Fungi associated with different parts of cotton seeds. Dhaka Univ. J. Biol. Sci. **29**(2): 237-244.
42. Khondker M, Umehara M, Hayashi H and Abd-El-Mageed ON 2021. Agriculture, biology, and environment: Twenty first century challenges and opportunities. (January). Agronomy Journal DOI: 10.1002/agj2.20623
43. MS Bhuiyan, MM Hossain, KS Hossain and MN Islam 2021. Isolation and Identification of Mycorrhizal Fungus from an Epiphytic Orchid (*Rhynchostylis retusa* L. BL.). Bangladesh J. Bot. **50**(1): 85-91.

44. Naznin R, Sultana N, Hossain MN, Islam MN, Tabassum A, Gani MA and Jannat M 2020. Conventional and Molecular Identification of Culturable Airborne Bacteria. *Plant Tissue Cult. & Biotech.* **30**(1):15-25.
45. Rahman MO, Huq TT and Begum M 2020. A taxonomic account on the flora of Dohar upazila under Dhaka district of Bangladesh. *Bangladesh J. Plant Taxon.* **27**(2): 293-322.
46. Rashid P, Shethi KJ and Ahmed A 2020. Leaf anatomical adaptation of eighteen mangrove plant species from the Sunderbans in Bangladesh. *Bangladesh J Bot.* **49**(4): 903-911.
47. Saha S, Begum H, Nasrin S. and Samad R 2020. Effects of drought stress on pigment and protein contents and antioxidant enzyme activities in five varieties of rice (*Oryza sativa* L.). *Bangladesh J. Bot.* **49**(4): 997-1002.
48. Samad R, Rashid P and Karmoker JL 2020. Aluminium toxicity on the activities of antioxidant enzymes in rice (*Oryza sativa* L.) and chickpea (*Cicer arietinum* L.) seedlings grown in hydroponic culture. *Bangladesh J. Bot.* **49**(3): 619-624.
49. Samad R, Rashid P and Karmoker JL 2021. Anatomical changes in Chickpea (*Cicer arietinum* L.) under aluminium stress condition. *Dhaka Univ. J. Biol. Sci.* **30**(2): 187-196.
50. Samad R 2021. Effects of aluminium on ion transport and its impact on sugar and proline contents of maize seedlings. *JAPS* **11**(1): 29-35.
51. Sami AA, Arabia S, Sarker RH, Islam T 2021. Deciphering the role of helicases and translocases: A multifunctional gene family safeguarding plants from diverse environmental adversities. <https://doi.org/10.1016/j.cpb.2021.100204>
52. Shah SS, Alfasane MA, Bakare IA, Aziz, MA and Yamani ZH. 2020. Polyaniline and heteroatoms-enriched carbon derived from

- Pithophorapolymorpha* composite for high performance supercapacitor. *Journal of Energy Storage*, **30**, <https://doi.org/10.1016/j.est.2020.101562>.
53. Shah SS, Shaikh MN, Khan MY, MA Alfasane, MZ Rahman and MA Aziz 2021. Present status and future prospects of jute in nanotechnology: A Review. *Chemical Record* **21**: 1–37. DOI: 10.1002/tcr.202100135.
54. Shamsi S and Miya MD 2020. Ecofriendly Management of Mycoflora Associated With Fresh Fruits of Two Varieties of *Momordica Charantia* L. In *Storage. Bio Res. Communucation* **6**(2):882-886.
55. Shamsi S and Naher N 2020. *In vitro* management of *Sclerotium rolfsii* Sacc. – The causal agent of stem rot of sesame (*Sesamum indicum* L.). *Int. J. Bioinform. Biol. Sci.* **8**(2): 1-6.
56. Sharmi PS, Kashem MA, Samad R and Hossain MZ 2021. Genetic diversity within and among populations of *Shorea robusta* in Bangladesh and its implications for conservation. *Bangladesh Journal of Botany* **50**(2):405-412.
57. Shova NJ, Shamsi S and Bashar MA 2020. Prevalence and pathogenic potentiality of fungi associated with leaf spot of *Basella alba* and *B. rubra*. *Dhaka Univ. J. Biol. Sci.* **29**(2): 183-189.
58. Warasy AA, Sultana SS and Sarker RH 2021. Chromosomal Characterization and First Report of Aneuploidy in *Crotalaria* spp. from Bangladesh. *Cytologia* **86**(2): 127–131.
59. Yesmin S, Hoque MI and Sarker RH 2020. Enhanced Regeneration Through ex vitro Rooting and Agrobacterium-mediated Genetic Transformation of Eggplant (*Solanum melongena* L.) *Plant Tissue Cult. & Biotech.* **31**(1): 97-108. DOI: 10.3329/ptcb.v31i1.54115
60. Uddin MZ, Mohiuddin ASM, Ahmed SK, Rahman MK, Karim MA and Saha AK. 2020. Suitability Assessment of soils of Panchagarh and Thakurgaon for Tea (*Camellia sinensis* L.) and orange (*Citrus aurantium* L.) cultivation. *Bangladesh J. Bot.* **49**(3). 467-472.

61. Uddin MZ, Kibria MG, Sarker A and Roy A 2020. Status of occurrence of *Livistona jenkinsiana* Griff. in Bangladesh. *Bangladesh J. Plant Taxon.* **27**(2): 435-438.

62. Uddin, MZ, Hassan, MA, Alfasane AA 2020. Taxonomic notes on *Nelumbo Adans.* With a new cultivar Gomoti from Bangladesh. *Bangladesh J. Plant Taxon.* **27**(2): 225-231.

63. Uddin MZ, Shomrat A, Hasan MS, Khan MR, Fahad AR and Alamin M 2021. Evaluation of Plant Species diversity in the road dividers of Dhaka City. *Bangladesh J. Plant Taxon.* **28**(1): 141-154.

Department of Zoology (1939/1954)

Chairman

Professor Dr. Md. Niamul Naser

Professor

1. Md. Niamul Naser, M.Sc., Ph.D. (Dalhousie); 2. Shefali Begum, M.Sc., Ph.D. (Tokyo); 3. Reza Md. Shahjahan, M.Sc., Ph.D. (Manchester); 4. Md. Aminul Islam Bhuiyan, M.Sc., Ph.D.; 5. Md. Sagir Ahmed, M.Sc., Ph.D. (Kagoshima); 6. Aleya Begum, M.Sc., Ph.D. (Tokyo); 7. Mohammad Firoj Jaman, M.Sc. Ph.D. (Tokyo); 8. Rowshan Ara Begum, M.Sc., Ph.D. (Tokyo); 9. Sharmin Musa, M.Sc., Ph.D. (Manchester); 10. Murshida Begum, M.Sc., Ph.D. (Belgium); 11. Mohammad Shamimul Alam, M.Sc., Ph.D. (Melbourne); 12. Mst. Tanjin Akter, M.Sc., Ph.D. (Okayama); 13. Gawsia Wahidunnessa Chowdhury, M.Sc., Ph.D. (Cambridge).

Assistant Professor

1. Md. Mizanur Rahman, M.Sc.; 2. Priyanka Barua, M.S., Ph.D. (Melbourne); 3. Dr. Ashfaquul Muid Khandaker, M.S., Ph.D. (Turkey); 4. Md. Aminul Islam, M.S.

Lecturer

1. Md. Mahabub Alam, M.S.; 2. Muntasir Akash, M.S.; 3. Mahatub Khan Badhon, M.S. M.Sc. (Oxford); 4. Shanjida Sultana, M.S.; 5. Mandira Mukutmoni, M.S.

Honourary Teacher

1. Professor Hamida Khanum, M.Sc., Ph.D.; 2. Professor Md. Abdur Rob Mollah, M.Sc., Ph.D. (Starling); 3. Professor M.A. Bashar, M.Sc., Doctor of Science (PAU: France).

[On deputation leave]

Professor

1. Rimi Farhana Jaman, M.Sc., Ph.D.

[Teachers on leave]

Assistant Professor

Nowsin Parveen, M.Sc.; 2. Alifa Bintha Haque, M.S. M.Sc. (Oxford); 3. Hawa Jahan, M.S.;

[Lecturer]

Md. Mokhlesur Rahman, M.S.

Number of Students:

Class	Session	Total number of students
1 st Year Honours	2019-2020	127
2 nd Year Honours	2019-2020	77
3 rd Year Honours	2019-2020	75
4 th Year Honours	2019-2020	71
MS	2019-2020	55
M Phil 1 st part	2019-2020	1
M Phil 1 st part	2020-2021	2
M Phil 2 nd part		2
Ph.D. 1 st part	2020-2021	7
Ph.D.	-	25
Post doctoral	-	2
Total:		444

Extra departmental

Class	Session	Total number of students
1 st Year Honours	2019-2020	75
Total		75

Examination Results

Name of examinations	Number of Examiners	1 st class	2 nd class	3 rd class	Total Pass	Percentage of pass
1 st Year Honours 2019	89	-	-	-	76	85.39
2 nd Year Honours 2019	74	-	-	-	74	100
3 rd Year Honours 2019	72	-	-	-	71	98.61
4 th Year Honours 2019	61	-	-	-	54	88.52
MS (Thesis) 2018	36	-	-	-	36	100
MS (Non-thesis) 2018	32	-	-	-	31	96.88
M Phil 1 st part	1	-	-	-	1	100
Ph.D.	3	-	-	-	3	100
Post doctoral	2	-	-	-	2	100

Departmental Activities

In 2020-2021 session, Professor Humayun Reza Khan handed over the Chairmanship to Professor Dr Md Niamul Naser. In this tenure, Professor Humayun Reza Khan and former Student advisor Prof Reza M Shahjahan retired. Prof Sagir Ahmed took the charge of the Student Advisorship. Professor Dr. Mohammad Firoj Jaman received the prestigious Bangabandhu National Award for Wildlife Conservation 2020. Dr Tanzin Akhter and Dr Gawsia Wahidunnessa Chowdhury are promoted to Professor of the Department. Except laboratory classes, all theoretical classes were conducted online. The labworks and researches were conducted accordingly. To conduct the online classes and other activities, 50 Android phones and 4 laptops were collected. The androids been distributed among the teachers and the students in need. During this time, 4 scientists visited from the International Parasite Resource Bank of Chungbuk National University, School of Medicine, South Korea. The department signed MOU with National Science & Technology Museum, AICB, NACOM and FAB. The department has arranged various

activities like debating and Nature conservation online workshops for students. There are 39 projects being completed/conducted during this tenure.

Teachers' Activities

In 2020-2021 session, **Professor Dr Md Niamul Naser** took the charge of the Chairmanships of the department. During the Conorna pandemic period he plays active role to keep the academic and research activities ongoing. He initiated to collect 50 Android phone from Rapid Action Battalion, HQ for the students and teachers and 4 laptops (DELL, Core i7) from the Bangladesh Fruits importers for the department, to conduct the online activities. He was instrumental in initiating the collaboration and visit of 4 scientists from the International Parasite Resource Bank of Chungbuk National University Korea, School of Medicine.

Following the full genome sequencing of Hilsa, recently he is conducting research on gemones small indigenous fishes and hilsa with collaboration of other institution of home and abroad. He is doing research as a Principal-Scientist in the BANBAIS Project of the Ministry of Education entitled "Population structuring of endangered Loach (*Botia dario*) and Butter catfish (*Ompok pabda*): Initiatives for identifying local conservation units". He is also doing a collaborative research in Bangladesh Academy of Sciences and USDA Financed entitled "A cytogenomic approach for sex determination in Hilsa (*Tenuulosa ilisha*)" with Khulna University. He has published several papers in journals from home and abroad. He supervised 5 MS, 1 Mphil and 6 PhD students. He is the Editor in Chief of Bangladesh Journal of Zoology. He also served as the member of various governmental committees, viz., Vennami shrimp feasibility study team (DoF, GoB), Bangabandhu National Award for Wildlife Conservation 2020 (MoEFCC,GoB), Scientific committee (DoFR,GoB) and act as the Service provider, Padma Bridge Animal Museum.

Professor Dr. Md. Aminul Islam Bhuiyan: During the session 2020-2021 He taught all the classes assigned by the department. Five 2 credit courses (half unit) theoretical classes (5X2=10 hours) and three practical

classes (3X3=9 hours) totaling 19 hours of classes were taught per week. All the classes were completed on due time. Besides teaching, research works continued. During this session he supervised research of one MS student. During period under report he prepared manuscripts of 5 scientific papers. Three (3) of them were published and two (2) other have been submitted to journals of home and abroad.

In 2020-2021 session, **Prof. Dr. Md. Sagir Ahmed** has successfully completed one research projects as Principal Investigator entitled 'DNA Barcoding of mangrove associated gastropod molluscs (Snails and slugs) of Bangladesh' funded by the Ministry of Science and Technology, GoB. Dr. Ahmed has successfully completed first year of a research project 'DNA Barcoding of Shrimps, Lobster and Crabs (Crustacea: Decapoda) of Bangladesh: Implication for Conservation and Management' funding by Bangladesh Academy of Science and USDA. During this year he worked for a joint research project of University of Dhaka and Environmental Department and as a fisheries expert in the research project "Assessment of coastal marine biodiversity resources and ecosystem to implement the blue economy action plan", funded by the Ministry of Environment, Forest and Climate Change of GoB. He has generated over 250 DNA barcode sequences of 150 species of fish, shrimp, lobsters, crabs, squid, cuttle fish and octopus and submitted to NCBI GenBank and got accession numbers. He has published eight scientific articles in peer reviewed journals (2020-2021). He worked as the student advisor in this session. He has supervised three MS students of Zoology (Fisheries branch) as a main supervisor. He also worked as a consultant to the Padma Bridge Animal Museum during this period.

Professor Dr. Mohammad Firoj Jaman received the prestigious Bangabandhu National Award for Wildlife Conservation 2020, from the Ministry of Environment, Forest and Climate Change, Government of the People's Republic Bangladesh. He also worked as a visiting professor and scientist at the Primate Research Institute (PRI), Kyoto University, Japan. Professor Jaman led as Principal investigator for the BANBEIS, project entitled "Wildlife diversity and population status in five Divisional urban cities in Bangladesh: Identifying key threats and conservation measures". He also led project on "Monitoring and

Conservation of Amphibians and Reptiles in Wetland, Bangladesh" under NEF Research Grant Programme, Tokyo, Japan. In addition, he led the project on "Ranging Behaviour, Habitat Utilization and Seed Dispersal of Capped Langur, *Trachypitecus pileatus* at Madhupur National Park, Tangail" funded by the University Grants Commission of Bangladesh (UGC). Prof. Jaman supervised few MS, MPhil and PhD research during this year and published more than 8 scientific papers in reputed journals. He also worked as a consultant to the Padma Bridge Animal Museum during this period.

During 2020-2021 Session **Dr. Rowshan Ara Begum** is working on Centennial Research Grant University of Dhaka, research project entitled "Mitochondrial genome sequence of *Hylarana* sp. and molecular phylogeny of frogs" funded by Dhaka University. She has studied on identification of some frog species of Bangladesh through PCR-sequencing of mitochondrial genes. She contributed to the GenBank database by submitting the partial nucleotide sequence of the 12S rRNA, 16S rRNA and COI genes of different species of frog which were used to identify species at molecular level. She attended international seminar and published papers in different national journal. She supervised two MS students during this tenure.

Prof. Dr. Murshida Begum is working with environmental pollution and insect control. She published one research article in international peer reviewed journal and one in a national journal during the period from July 2020 to June 2021. At present she is supervising one Ph.D student, one M.Phil. and several MS students.

During 2020-2021 Session **Dr. Mohammad Shamimul Alam** has worked on two funded research projects. The title of the first one is "Identification and utilization of genetic diversity towards higher production of commercially important fish *Labeo rohita*" funded by BAS-USDA endowment program of Bangladesh Academy of Sciences. The second project is entitled "Genetic status of white spot disease resistance in the wild and cultured *Penaeus monodon*: an approach toward sustainable shrimp production" funded by Centennial Research Grant (CRG) of Dhaka University. Besides, he is supervising MS and PhD students engaged in genetics and molecular biology research.

Dr. Priyanka Barua has successfully completed several funded projects during 2020-2021 e.g. “Occurrence and risk factors associated with recent Dengue outbreak in Dhaka city” funded by University Grants Commission and “Parasitic infestation in *Polynemus paradiseus* (Linnaeus, 1758) and *Xenentodon cancila* (Hamilton, 1822) through morphometric and molecular techniques” funded by Biotechnology Research Center. Currently she is working on other research projects funded by Centennial Research Grant and Centre for advanced studies in research in Biological Sciences, University of Dhaka. Currently she is supervising 3 MS (Parasitology) thesis students.

During 2020-2021 Session **Dr. Ashfaque Muid Khandaker** is working on Centennial Research Grant University of Dhaka, funded by Dhaka University and has started to establish Gateway Cloning technology in the Genetics lab to extend his hand in Molecular and Cell Biology of Aging. He attended international seminar and published papers in different national journals. He is currently supervising two MS thesis students.

Mandira Mukutmoni is an early career researcher of parasitology. She is interested in neglected tropical diseases (NTDs). Her major research focuses on knowledge, attitude & practice (KAP) assessment of underprivileged community regarding soil transmitted helminths in Bangladesh. Currently, she is running a project to evaluate maternal knowledge, attitude & practice (KAP) on the prevention of intestinal parasitic infections in shanty towns of Dhaka. She co-supervised the postgraduate research (level-masters) of two students within 2020-2021. She participated in all the workshops arranged by Center of Excellence in Teaching & Learning (CoETL), University of Dhaka concerning curriculum development, research methodology and project proposals, modern approaches to teaching and learning etc. in 2020 and 2021.

Students activities:

The ‘Dhaka University Nature Conservation Club (DUNCC)’ led several online events during this tenure. The club been certified as a Science Club by the National Science & Technology museum. Besides, online debating practices were conducted during this period.

Publications (Journal Articles)

1. Md. Nure Alam Afsar, Zannatun Nahar Jhinu, Md. Aminul Islam Bhuiyan, Zahirul Islam and Towfida Jahan Siddua. 2020. BMJ Open Gastroenterology. E00490:1-10.
2. Md. Aminul Islam Bhuiyan and Zannatun Nahar Jhinu. 2020. Using parasites as biological tag on the migration of *Tenualosailisha* in Bangladesh waters. Bangladesh J. Zool. 48(2): 243-251.
3. MdAminul Islam Bhuiyan, Fatima Nahar Kabita, Zannatun Nahar Jhinu and Hamim Bhuiyan. 2021. Comparative study of protozoan parasite communities between *Anabas testudineus* and *Channapunctatus*. Dhaka Univ. J. Bio. Sci. 30(1): 23-34.
4. Mohammad Shamimul Alam, MA Rahman, Rowshan Ara Begum and Reza Md. Shahjahan. 2021. Non-Invasive DNA Extraction for Molecular Identification of Royal Bengal Tiger *Pantheratigris*. Dhaka Univ. J. iol. Sci. 30(2): 325-330.
5. Hafisa Khatun Anee, Ashfaque Muid Khandaker, Rowshan Ara Begum and Reza Md. Shahjahan. 2021. Expression of Heat Shock Protein Genes Aaehsp26, Aaehsp83 and Aaehsc70 in Response to Thermal Stress in *Aedes aegypti* Larvae. Dhaka Univ. J. Biol. Sci. 30(2): 233-24.
6. Hasan R, Begum Rowshan Ara, Shahjahan R and Khandaker AM. 2020. Stem Cell Diversity and Therapeutic Aspects of Hyperglycemia. Journal of Embryology & Stem Cell Research, 4(1), 138-139.
7. Rustom S., Zaman R., Barua P. & Khanum H. (2021). Urinary tract infections among the outpatients of a diagnostic center in Dhaka, Bangladesh. Bangladesh journal of Zoology. 48(2): 347-356.
8. Musa S., Akhter H., Barua P., Mukutmoni M., Akter R. & Khanum H. (2021). Enteric parasites in sheep (*Ovis aries*) from

- Gabtoli Cattle market, Dhaka. *Asian Journal of Research in Animal and Veterinary Sciences*. 7(1):47-51.
9. Barua P., Musa S., Ahmed R. & Khanum H. (2020). Occurrence of zoonotic parasites in cats (*Feliscatus*) at an urban pet market (Katabon, Nilkhet) in Dhaka, Bangladesh. *Bangladesh Journal of Veterinary and Animal Sciences*. 8(1): 1-10.
 10. Barua P., Musa S., Ahmed R. & Khanum H. (2020). Commonly found zoonotic parasite species in dogs and cats from a prominent pet market of Dhaka, Bangladesh. *Annual Research and Review in Biology*. 35 (1): 17-23.
 11. Musa, S., Akhter, H., Barua, P., Mukutmoni, M., Akter, R., & Khanum, H. (2021). Enteric Parasites in Sheep (Ovisaries) from Gabtoli Cattle Market, Dhaka. *Asian Journal of Research in Animal and Veterinary Sciences*, 7(1), 47-51. (Published in January 2021)
 12. Fahria, L., Begum, A., & Mukutmoni, M. (2020). Occurrence of *Strongyloides stercoralis* in rural areas adjacent to Dhaka city. *Bangladesh Journal of Zoology*, 48(2), 313-320. (Published in December 2020)
 13. Jannat, R., Khanum, H., Zaman, RF., Musa, S., Mukutmoni, M., & Sarker, F. (2020). Enteric parasites with zoonotic importance in jackal (*Canis aureus*, Linnaeus, 1758). *National Journal of Life Science*, 17(2), 81-86. (Published in December 2020)
 14. Mukutmoni, M., Islam, S., & Khanum, H. (2020). Prevalence and risk factors of intestinal helminth infections among city dwellers of Dhaka, Bangladesh. *South Asian Journal of Parasitology* 4(4), 1-8. (Published in October 2020)
 15. Mukutmoni, M., Musa, S., & Hosna, A. (2020). Soil transmitted helminth infections among slum dwelling women in Dhaka, Bangladesh. *Annual Research & Review in Biology*, 35(8), 95-101. (Published in August 2020)
 16. Rabbe, M.F., Roy, D.K., Mohammad, N., Liza, F.T., Mukutmoni, M., Alam, M.M., Begum, A., & Jaman, M.F. (2020). A Novel Natural History Phenomenon: A free living marine flatworm (Polycladida) attached to a Common Asian Toad (*Duttaphrynus melanostictus*), Reptiles Amphib. 27(2), 293-294. (Published in August 2020)
 17. Bristy, N.A., Jaman, M.F., Morshed, A.G.J., Alam, M.M.,* Rahman, M.M., Mim, E.Z. and Alam, S.M.N. 2021. Feeding Ecology and Growth Performance of the Critically Endangered *Batagurbaska* in Captivity. *Herpetological Conservation and Biology* 16(2):452-460. http://www.herpconbio.org/Volume_16/Issue_2/Bristy_etal_2021.pdf. (Submitted in June 2020, Accepted in July 2021 and Published in August 2021)
 18. Rabbe, M.F., Jaman, M.F., Alam, M.M., Rahman, M.M., Sarker, M.A.R and Jamee, A.R. 2021. Human perceptions toward herpetofauna in northwestern Bangladesh. *Amphibian & Reptile Conservation* 15 (2):210-227. [http://amphibian-reptile-conservation.org/pdfs/Volume/Vol_15_no_2/ARC_15_2_\[General_Section\]_210-227_e289.pdf](http://amphibian-reptile-conservation.org/pdfs/Volume/Vol_15_no_2/ARC_15_2_[General_Section]_210-227_e289.pdf). (Accepted in September 2020 and published in November 2021)
 19. Jaman, M.F., Sarker, M.A.R., Alam, M.M., Rahman, M.M., Rana, M.A.S., Rabbe, M.F., Shome, A.R. and Hossain, M.S. 2021. Species diversity, distribution and habitat utilization of urban wildlife in a megacity of Bangladesh. *Biodiversity Journal* 12(3): 635-653. [http://www.biodiversityjournal.com/pdf/12\(3\)_635-653.pdf](http://www.biodiversityjournal.com/pdf/12(3)_635-653.pdf). (Accepted in June 2021 and published in September 2021)
 20. Shome, A.R., Rabbe, M.F., and Jaman, M.F., Alam, M.M. 2021. Bird diversity, composition and response during COVID-19 in an urban landscape, Jamalpur, Bangladesh. *Dhaka University Journal of Biological Sciences* 30 (2): 261-274. <https://doi.org/10.3329/dujbs.v30i2.54651>. (Accepted in May 2021 and Published in July 2021).
 21. Jaman, M.F., Rabbe, M.F., Alam, M.M., Shome, A.R., Hossain, M.A. and Sarker, M.A.R. 2020. Students' perceptions on snake in

- Northwestern Bangladesh. *Asian Journal of Ethnobiology* 3(2): 62-69. <https://smujo.id/aje/article/view/6772>.
22. Shome, A.R., Alam, M.M., Rabbe, M.F., Rahman, M.M., and Jaman, M.F. 2020. Status, Diversity and Habitat Usage of Avifauna at SadarUpazila, Magura, Bangladesh. *Bangladesh Journal of Zoology* 48(2):441-456. <https://doi.org/10.3329/bjz.v48i2.52434>.
 23. Saha, A., Alam, M.M.* and Salauddin, M. 2020. New distribution record and an updated map of *Eutropismultifasciata* (Kuhl, 1820) (Squamata, Scincidae) from Dhaka division, Bangladesh, *Check List* 16(4):1063-1066. <https://checklist.pensoft.net/article/54574/>
 24. Shome, A.R., Jaman, M.F., Rabbe, M.F., Barkat, A.I. and Alam, M.M.* 2020. New distribution record of *Rhabdophissubminiatus* (Schlegel, 1837; Squamata, Colubridae) from Madhupur National Park, Tangail, Bangladesh. *Herpetology Notes* 13: 549-551. <https://www.biotaxa.org/hn/article/view/60928/62180>.
 25. Ahmed MS, Datta SK, Saha T and Hossain Z 2021. Molecular characterization of marine and coastal fishes of Bangladesh through DNA barcodes. *Ecology and Evolution*. 11(9):3696-3709. <https://doi.org/10.1002/ece3.7355>
 26. Naznin MM, Baki MA, Hossain MM, Datta SK and Ahmed MS 2021. Twelve new records of Coral associated fish from the Saint Martin's island based on morphometric and molecular approaches. *Bangladesh Journal of Zoology*. 48(2): 253-262. <https://doi.org/10.3329/bjz.v48i2.52367>
 27. Saha T, Datta SK, Zhilik AA, Chowdhury NZ, Baki MA and Ahmed MS 2021. New Geographical Record of the Rainbow Runner, *Elagatisbipinnulata* (Quoy&Gaimard, 1825) (Perciformes: Carangidae) from the Bay of Bengal, Bangladesh. *Thalassas: Int. J. Mar. Sci.* 37(1):23-26 <https://doi.org/10.1007/s41208-020-00264-2>
 28. Datta SK, Saha T, Sanzida NJ, Ahmed S, Akhand MAA and Ahmed MS 2020. New Distributional Record of Hasselt's Bamboo Shark *Chiloscylliumhasseltii* (Orectolobiformes: Hemiscylliidae) from Bangladesh Waters. *Thalassas: Int. J. Mar. Sci.* 36(2):291-295. <https://doi.org/10.1007/s41208-020-00237-5>
 29. Ahmed MS, Datta SK and Zhilik AA 2020. Molecular diversity of freshwater fishes of Bangladesh assessed by DNA barcoding. *Bangladesh J. Zool.* 48(1): 1-19. <https://doi.org/10.3329/bjz.v48i1.47872>
 30. Ahmed MS, Datta SK, Saha T, Zhilik AA, Chowdhury NZ and Ahmed S 2020. New geographical record of three-spine frogfish, *Batrachomoeustrispinosus*(Günther, 1861) from the River Rupsa, Bangladesh. *Bangladesh J. Zool.* 48(1): 197-202. <https://doi.org/10.3329/bjz.v48i1.47888>
 31. Hossain Z, Sanzida NJ, Akhand MAA, & Ahmed MS 2021. DNA barcoding of threatened fishes of Bangladesh: DNA barcoding of threatened fishes of Bangladesh. *Bioresearch Communications*, 7(2): 990-998. <https://doi.org/10.3329/brc.v7i2.54373>
 32. Ahmed MS, Afrin T & Barua A 2021. New distributional record of *Charybdis japonica*, *Coenobitaviolascens*, *Galenebispinosa*, and *Portunusreticulatus* (Crustacea: Decapoda) from Bangladesh waters of the Bay of Bengal. *Regional Studies in Marine Science*, 44(1): 101785. <https://doi.org/10.1016/j.rsma.2021.101785>
 33. TanginAkteer, Samira Jahan, Sangita Ahmed, Shanjida Sultana, Shefali Begum. Isolation of Multi-Drug Resistant Potential Pathogenic Bacteria From Blow Fly Collected From Different Areas of Dhaka City. *Bangladesh J. Zool.* 49(2):205-214,2021.
 34. FarhanaFerdousi, Shanjida Sultana, TanginAkteer, Pinakshi Roy, shefali Begum. Flight muscle and flight activity of melon fly, *Bactroceracucurbitae* (Diptera: Tephritidae). *Dhaka Univ. J. Biol Sci.* 30(2):179-185, 2021.
 35. Akash M, Dheer A, Dloniak SM, Jacobson AP (2021) The faded stripes of Bengal: a historical perspective on the easternmost

- distribution of the striped hyena. *European Journal of Wildlife Research* 67(6) <https://doi.org/10.1007/s10344-021-01552-9>.
36. Zakir T, Debbarma H, Mahjabin R, Debbarma R, Khan Z, Minu MR, Zahura FT and Akash M (2021) Are northeastern forests of Bangladesh empty? Insights from camera-trapping into spatiotemporal activity pattern of mammals in a semi-evergreen national park. *Mammal Study* 46(4): 1–17.
 37. Napper, I. E., Baroth, A., Barrett, A. C., Bhola, S., Chowdhury, G. W., Davies, B. F., ... & Koldewey, H. (2021). The abundance and characteristics of microplastics in surface water in the transboundary Ganges River. *Environmental Pollution*, 274, 116348.
 38. Chowdhury, G. W., Koldewey, H. J., Duncan, E., Napper, I. E., Niloy, M. N. H., Nelms, S. E., ... & Nishat, B. (2021). Plastic pollution in aquatic systems in Bangladesh: A review of current knowledge. *Science of the Total Environment*, 761, 143285.
 39. Duncan, E. M., Davies, A., Brooks, A., Chowdhury, G. W., Godley, B. J., Jambeck, J., ... & Koldewey, H. (2020). Message in a bottle: Open source technology to track the movement of plastic pollution. *Plos one*, 15(12), e0242459.
 40. Nelms, S. E., Duncan, E. M., Patel, S., Badola, R., Bhola, S., Chakma, S., Chowdhury, G. W., & Koldewey, H. (2021). Riverine plastic pollution from fisheries: Insights from the Ganges River system. *Science of The Total Environment*, 756, 143305.
 41. Rahman, M. A., Islam, M. S., Haque, P., Khan, M. N., Takafuji, M., Begum, M., Chowdhury, G. W., ... & Rahman, M. M. (2020). Calcium ion mediated rapid wound healing by nano-ZnO doped calcium phosphate-chitosan-alginate biocomposites. *Materialia*, 13, 100839.
 42. Md. Ashiqur Rahman, Md. Sazedul Islam, Papia Haque, M. Nuruzzaman Khan, Makoto Takafuji, Murshida Begum, Gawsia W. Chowdhury, Mala Khan and Mohammed Mizanur Rahman. (2020). Calcium ion mediated rapid wound healing by

nano-ZnO doped calcium phosphate-chitosan-alginate biocomposites. *Materialia*. 13 (100839): 1-11.

43. Syeda Fahmida Jahan, Arnob Saha, Md. Niamul Naser, Sanjida Sultana and Murshida Begum (2021). New distribution record and an updated map of Eupterote testacea (Walker, 1855) (Lepidoptera, Eupterotidae) from Sylhet division, Bangladesh. *Bangladesh Journal of Zoology*. 49(1): 169-173.

Conference Articles

1. Bhowmik, S., Urmy, N.J., Rahman, S., and Begum, R.A. 2021. Seasonal abundance and molecular identification of zooplankton *Simocephalus* sp. 22nd National Conference and AGM 2020, 29 October, 2021. *Zoological Society of Bangladesh*. pp. 55.
2. Nasrin, D., Jahan, H., Begum, R.,A., and Shahjahan, R.M. 2021. 16S and 12S rRNA gene sequence analysis of *Euphyctis* sp. from Dhaka. *Zoological Society of Bangladesh*. pp. 6.

Projects from the department

Sl. No	Title	Allocated Institution	Name of the Teachers
1	DNA Barcoding of mangrove associated gastropod molluscs (Snails and slugs) of Bangladesh	Ministry of Science and Technology, Bangladesh	Prof. Dr. Md. Sagir Ahmed
2	Development of genome-wide polymorphic microsatellite markers associated with immune-related genes of <i>Labeo rohita</i>	University Grants Commission, Bangladesh	Professor Dr. Mohammad Shamimul Alam
3	Investigating the single gene deletion	University Grants	Dr. Ashfaqu Muid Khandaker

Sl. No	Title	Allocated Institution	Name of the Teachers
	effect of some candidate DNA repair genes on mitochondrial health and aging	Commission, Bangladesh	
4	The present status, ecology and conservation of bears and dholes in Eastern Bangladesh	Department of Forest, Bangladesh	Muntasir Akash
5	DNA based assessment of bioindicator macroinvertebrates for accelerating the biomonitoring of river ecosystems in Bangladesh	Ministry of Science and Technology, Bangladesh	Md. Mizanur Rahman
6	Pesticide Induced DNA Damage of Ribbon Fish and Its Molecular Analysis	Ministry of Science and Technology, Bangladesh	Professor Dr. Rowshan Ara Begum
7	Assessing the Interface between Global and Local perspective on Environmental Sustainability in Bangladesh		Professor Dr. M. Niamul Naser
8	Histopathological effect due to heavy metal and parasitic infestation of coral associated fishes (Sciaemidae) of Saint	Ministry of Science and Technology, Bangladesh	Professor Dr. Aleya Begum

Sl. No	Title	Allocated Institution	Name of the Teachers
	Martin's Island, Bay of Bengal		
9	Diversity, seasonal occurrence, ecology and conservation issue of avifauna in tea gardens of Rowshnpur Union, Panchagarh, Bangladesh	Center for Advance Studies and Research in Biological Science	Professor Dr. Mohammad Firoj Jaman
10	Development Goals: Insights from Zoological Education and Research	Centennial Research Grant (CRG) University of Dhaka	Professor Dr. M. Niamul Naser
11	Effect assessment of health education on knowledge attitude and practice (KAP) regarding soil transmitted helminth (STH) infection concurrent with anaemia and malnutrition among the northwestern women and children of Bangladesh	Centennial Research Grant (CRG) University of Dhaka	Professor Dr. Aleya Begum
12	Developing a genetic database of critically endangered and endangered freshwater fishes of Bangladesh	Centennial Research Grant (CRG) University of Dhaka	Md. Mizanur Rahman
13	Investigation of threatened wildlife in four protected areas of northern Dinajpur district: Key threats identification and	Centennial Research Grant (CRG) University of Dhaka	Professor Dr. Mohammad Firoj Jaman

Sl. No	Title	Allocated Institution	Name of the Teachers
	conservation aspects		
14	Mitochondrial genome sequence of <i>Hylarana</i> sp. And molecular phylogeny of frogs	Centennial Research Grant (CRG) University of Dhaka	Professor Dr. Rowshan Ara Begum
15	Genetics status of white spot disease resistance in the wild and cultured <i>Penaeus monodon</i> : an approach toward sustainable shrimp production	Centennial Research Grant (CRG) University of Dhaka	Professor Dr. Mohammad Shamimul Alam
16	Investigation of genomic mutations in the SARS CoV-2 whole genome sequences of Bangladesh in a timeline pattern and analyzing the seasonal impact on the nature of mutations	Centennial Research Grant (CRG) University of Dhaka	Dr. Ashfaque Muid Khandaker
17	Risk factors associated with street food consumption among the school going children of Dhaka city due to faeco-oral parasitic infection in food vendors	Centennial Research Grant (CRG) University of Dhaka	Dr. Priyanka Barua
18	Diversity, Ecology, Seasonal Occurrence and Conservation Issue of Avifuna of Rohanpur Union, Chapai Nawabganj, Bangladesh	Ministry of Science and Technology, Bangladesh	Professor Dr. Mohammad Firoj Jaman

Sl. No	Title	Allocated Institution	Name of the Teachers
19	Soil Transmitter Helminth Infections Concurrent with Anaemia in reproductive Aged Slum Dwelling Women in Dhaka: Effect Assessment of Health Education on Knowledge, Attitude and Practice	University Grants Commission, Bangladesh	Professor Dr. Sharmin Musa
20	Pesticide Induced DNA Damage of Ribbon Fish and Its Molecular Analysis	Ministry of Science and Technology, Bangladesh	Professor Dr. Rowshan Ara Begum
21	Molecular Identification of Sea Snakes of Bangladesh through DNA Barcode	Ministry of Science and Technology, Bangladesh	Prof. Dr. Md. Sagir Ahmed
22	Impact of Rohingya Influx on Wildlife and Society in the Teknaf Peninsula of Cox's Bazar in Bangladesh	Ministry of Science and Technology, Bangladesh	Professor Dr. Mohammad Firoj Jaman
23	Occurrence And Risk Factors Associated With Soil Transmitted Helminth Infections (Sths) In Treated And Untreated Filariasis Patients And Molecular Identification Of The Vector	Ministry of Science and Technology, Bangladesh	Professor Dr. Sharmin Musa
24	Characterization Genetic Diversity of	Ministry of Science and	Professor Dr. Mohammad

Sl. No	Title	Allocated Institution	Name of the Teachers
	Rohu <i>Labeo rohita</i> Populations Based on DNA Markers for Sustainability in Production	Technology, Bangladesh	Shamimul Alam
25	Research grant to conduct a project on Trophic transfer of microplastics (MPs) in the aquatic ecosystem of Sunderbans, Bangladesh	BANBEIS, Ministry of Education	Professor Dr Gawsia Wahidunnessa Chowdhury in collaboration with SUST;
26	Ecology and conservation of Fox <i>Vulpes bengalensis</i> , a Vulnerable carnivore in human-dominated Barind landscape	Delta Study Centre	Muntasi Akash
27	Biodiversity of five protected forest streams (Chhora) of Northeast Bangladesh through DNA barcodes: Insights for conservation and management	University Grants Commission, Bangladesh	Prof. Dr. Md. Sagir Ahmed
28	Studying the Impact of Strees-induced depression and Anti-depressant Treatment of Lifespan Using <i>Drosophila</i> as a Model	University Grants Commission, Bangladesh	Professor Dr. Mohammad Shamimul Alam
29	Centennial Book Grant (CRG)	Centennial Research Grant (CRG) University of Dhaka	Professor Dr. M. Niamul Naser

Sl. No	Title	Allocated Institution	Name of the Teachers
30	Population Structuring of Endangered Loach (<i>Botia dario</i>) and Butter Catfish (<i>Ompok pabda</i>): Initiatives for Identifying Local Conservation Units	BANBEIS, Ministry of Education	Professor Dr. M. Niamul Naser in collaboration with KU
31	A Cyto-genomic Approach for Sex Determination in Hilsa (<i>Tenuulosa ilisha</i>)	BAS-USDA endowment program	Professor Dr. M. Niamul Naser in collaboration with KU
32	Detection and awareness of Thalassemia among the fresher's students of Zoology department of Dhaka University	ICT, GoB	Professor Dr. M. Niamul Naser Professor Dr. Sharmin Musa in collaboration with IACIB
33	Assessment of Coastal and Marine Biodiversity Resources and Ecosystems to Implement the Blue Economy Action Plan	Ministry of Environment, Forest and Climate Change	Professor Dr. M. Niamul Naser Prof. Dr. Md. Sagir Ahmed
34	Identification and utilization of genetic diversity towards higher production of commercially important fish <i>Labeo rohita</i>	BAS-USDA endowment program	Professor Dr. Mohammad Shamimul Alam
35	Associated in a project titled 'Sawfish in Bangladesh:	National Geography Photo Ark	Professor Dr Gawsia Wahidunnessa

Sl. No	Title	Allocated Institution	Name of the Teachers
	Evidence-based conservation for reducing extinction risk?	EDGE Fellowship;	Chowdhury co-supervisor of the researcher Ms Alifa Bintha Haque
36	Microplastic accumulation in some commercially important fish species in the Meghna River, Chandpur, Bangladesh;	Centre for Advanced Studies and Research in Biological Sciences, University of Dhaka	Professor Dr Gawsia Wahidunnessa Chowdhury
37	Planet or Plastic: Sea to Source Ganges River Expedition	National Geographic Society's	Professor Dr Gawsia Wahidunnessa Chowdhury as team leader, Bangladesh;
38	Pre-feasibility study on the Gender dimensions and identifying job opportunities for female workers in tackling Abandoned, Lost and Discarded Fishing Nets in Bangladesh	COAST 4C, World Bank Group,;	Professor Dr Gawsia Wahidunnessa Chowdhury
39	Maternal Knowledge, attitude and practice (KAP) on the prevention of intestinal parasitic infestation in slums of Dhaka South City corporation.	Ministry of Science and Technology, Bangladesh R&D 2020-2021	Mandira Mukutmoni

Department of Biochemistry and Molecular Biology (1957/2000)

Chairperson

Professor Dr. Yearul Kabir

Professor

(1) Laila N. Islam, M.Sc, Ph.D.(UK); (2) Md. Sayedul Islam, M.Sc, Ph.D. (UK); (3) Zeba Islam. Seraj, M.Sc, Ph.D. (UK); (4) Yearul Kabir, M.Sc, Ph.D. (Japan); (5) Md. EnamulHaque, M.Sc, Ph.D. (UK); (6) Shamima Nasrin Shahed, M.Sc, Ph.D.(Japan); (7) Emran Kabir Chowdhury, M.Sc, Ph.D.(Japan) (Depu.); (8) Hossain Uddin Shekhar, M.Sc, Ph.D.(Japan); (9) Mamun Ahmed, M.Sc, Ph.D. (Japan); (10) Zakir Hossain Howlader, M.Sc, Ph.D. (Japan); (11) A. H. M. Nurun Nabi, M.Sc., Ph.D. (Japan); (12) . A.K.M. Mahbub Hasan, M.Sc, Ph.D. (Japan); (13) Mohammad Riazul Islam, M.Sc, Ph.D.(Japan); (14) Md. Rakibul Islam, M.S., Ph.D. (Japan); (15) Mahmud Hossain, M.S., Ph.D. (Japan).

Associate Professor

(1) Md. Taibur Rahman, M.S., Ph.D. (Germany); (2) Md. Atiqur Rahman, M.S., Ph.D. (UK); (3) Dr.Tania Rahman, M.S., Ph.D. (Australia); (4) Sajib Chakraborty, M.S., Ph.D. (Germany); (5) Ms.Sonia Tamanna, M.S.; (6) Md. Ismail Hosen, M.S., Ph.D.(Germany); (7) M.M. Towhidul Islam, M.S., Ph.D. (Germany); (8) Dr. Md.Mohasin, M.S., Ph.D. (UK).

Assistant Professor

(1) Rifat Ara Begum, M.S. Ph.D. (UK); (2) Tania Sultana, M.S. Ph.D (France); (3) Zimam Mahmud, M.S., Ph.D. (UK); (4) Tahira Yasmin, MS, Ph.D (UK).

Lecturer

(1) Tahmina Ahmed, M.S [On Leave]; (2) Md. Omar Faruk, , M.S [On Leave]; (3) Ahlan Sabah Ferdous, M.S [On Leave]; (4) Tasnin Akhter Nila, M.S; (5) Mr.Anik Paul, M.S [On Leave]; (6) Miss Khadiza Akhter, M.S [On Leave]; (7) Farida Yasmin, M.S [On Leave]; (8) Miss Farhana Tasnim Chowdhury, M.S; (9) Hamida Nooren mahmud, M.S [On Leave]; (10) Talita Zahin Chowdhury, M.S [On Leave]; (11) Ar-Rafi Md.

Faisal, M.S; (12) Mr. Md. Omar Sharif Sohan, M.S [On Leave]; (13) Nabila Nawar Binti, M.S.

Part-Time Teacher

(1) Md. Haider Ali, M.Sc., Ph.D. (Japan), Professor, Dept. of Comp. Sci. & Eng., D.U.; (2) Md. Mosharraf Hossain, M.Com., Ph.D., Professor, Dept. of Management, D.U.; (3) Mr. Ahmed Bashir, M.A., Associate Professor, Dept. of English, D.U.; (4) Dr. Sabrina M. Elias, Assistant Professor, Dept. of Life Science, Independent University (IUB), Bangladesh.

Number of students

Departmental Students

Year (session)	Percent No. of promoted students
1 st Year B.S. Hons. (2019 – 2020)	78
2 nd Year B.S. Hons. (2019 – 2020)	63
3 rd Year B.S. Hons. (2019 – 2020)	49
4 th Year B.S. Hons. (2019 – 2020)	60
M.S. Group A (2019 – 2020)	07
M.S. Group B (2019 – 2020)	48
M.Phil. Part-1 (2019-2020)	01
Ph.D. (2019-2020)	05
Total	311

Extra-departmental students

Year (session)	Numbers
1 st Year B.S. Hons. (2019 – 2020)	220
2 nd Year B.S. Hons. (2019 – 2020)	46
Total	266

Examination Results

Year and Examination	No. of examinees	Class			Promoted/ Passed	Percentage of pass
		1 st	2 nd	3 rd		
1 st Year B.S. (Hons.)	71	-	-	-	Result not yet	

Examination (2019-2020)					published	
2 nd Year B.S. (Hons.) Examination (2019-2020)	63	-	-	-	Result not yet published	
3 rd Year B.S. (Hons.) Examination (2019-2020)	49	-	-	-	Result not yet published	
4 th Year B.S. (Hons.) Examination (2019-2020)	60	-	-	-	Result not yet published	
M.S. Examination (2019-2020) (Group A)	07	-	-	-	Result not yet published	
M.S. Examination (2019-2020) (Group B)	48	-	-	-	Result not yet published	
M.Phil. Exam. (2019-2020) (1 st Part)	01	-	-	-	Result not yet published	
Ph.D. Exam (2019-2020) (1 st Part)	05				Result not yet published	

Co-curriculum and extra curriculum activities

Seminar

The Departmental weekly seminar has been happening regularly each week. A good number of scholars/teachers/researchers working at local and foreign Universities and Research Institutions have been presenting their research works in these seminars. M.Phil. and Ph.D. students have

been presenting their research works. In addition to the regular studies, the students of the department have learned a lot on latest scientific information through internet using the departmental computer laboratory.

Sports and other activities

The teachers and students of the department have been taking part in different events of games and sports organized by the University of Dhaka. The Departmental Basketball, Football, and Cricket teams have participated in the inter-department tournaments. An intra-departmental indoor game and cultural competition has been arranged to build up the teacher student interaction.

Publication (s)

Supervision of PhD thesis

Marjahan Akhtar has been awarded PhD degree for her thesis entitled "Vaccination against ETEC diarrhea in Bangladeshi participants and the influence of age on vaccine induced immune responses", which was supervised jointly by Prof. Dr. Laila N. Islam (DU) and Dr. Firdausi Qadri (icddr,b), degree approved by DU Syndicate on 30 April, 2019.

Publications

Prof. Dr. Zeba Islam Seraj

1. Seraj, Zeba I., Sabrina M. Elias, Taslima Haque, Nurnabi A. Jewel, and Tabassum R. Sunfi. "Combination of DNA markers and eQTL information for introgression of multiple salt-tolerance traits in rice." In *Advancement in Crop Improvement Techniques*, pp. 1-22. Woodhead Publishing, Elsevier. 2020. <https://doi.org/10.1016/B978-0-12-818581-0.00001-2>
2. Seraj, Zeba I., Mohammad Umer Sharif Shohan, Sabrina M. Elias, Umme Habiba, Sudip Biswas, and Narendra Tuteja. "The scope of transformation and genome editing for quantitative trait improvements in rice." In *Advancement in Crop Improvement Techniques*, pp. 23-43. Woodhead Publishing, Elsevier 2020. <https://doi.org/10.1016/B978-0-12-818581-0.00002-4>

3. Alam MNU, Jewel GMNA, Azim T, Seraj ZI (2021) Novel QTLs for salinity tolerance revealed by genome-wide association studies of biomass, chlorophyll and tissue ion content in 176 rice landraces from Bangladesh. *PLoS ONE* 16(11): e0259456. <https://doi.org/10.1371/journal.pone.0259456>.

Prof. Dr. Yearul Kabir

1. Alauddin M, Afroza Sultana A, **Kabir Y** (2021). Exploring the nutritional genomics potentiality of nutraceutical in preventing the risk of cancer and metabolic syndrome. *Cancer Plus* 3(2), 1-18
2. Bappy SS, Shibly AZ, Sultana S, Mohiuddin AKM, **Kabir Y** (2021). Designing potential siRNA molecule for the nucleocapsid (N) gene silencing of different SARS-CoV-2 strains of Bangladesh: Computational approach. *Comput Biol Chem* 92, 107486.
3. Sonia JA, Kabir T, Islam MMT, **Kabir Y** (2021). Catechol-O-methyltransferase and dopamine receptor D4 gene variants: possible association with substance abuse in Bangladeshi male. *PLoS ONE* 16(2): e0246462. <https://doi.org/10.1371/journal.pone.0246462>.
4. Hosen MB, Rahman MM, Zakir MZH, **Kabir Y** (2021). Assessment of angiotensin converting enzyme gene polymorphism in preeclampsia mothers of Bangladesh. *J Obstet Gynaecol* 41(7), 1032-1035.
5. Rahman MM, Miah S, Tamanna S, Hosen MB, Akter T, Johra TH, **Kabir Y**, Howlader MZH (2020). Association of maternal vitamin D with neonatal vitamin D status and birth weight in urban population of Bangladesh: A cross sectional study. *Acta Sci Paediatr* 3(12), 19-26.
6. Siddiquee MA, Buffo RA, Chowdhury NH, **Kabir Y** (2020). Nutrient content of traditional and high-yielding varieties of rice grown in Bangladesh. *Ann Food Sci. Tech* (21(3), 614-622
7. **Kabir Y**, Akasaka-Hashimoto Y, Kubota K, Komai M (2020). Volatile compounds of black cumin (*Nigella sativa* L.) seeds cultivated in Bangladesh and India. *Heliyon* 6, e05343 (6 pages).
8. Nessa MU, Rahman MA, **Kabir Y** (2020). Plant-produced monoclonal antibody as immunotherapy for cancer. *Biomed Res*

Int. 2020: Article ID 3038564, 10 pages. <https://doi.org/10.1155/2020/3038564>.

9. Nairuz T, Rahman MM, Bushra MU, **Kabir Y** (2020). TP53 Arg72Pro and XPD Lys751Gln gene polymorphisms and risk of lung cancer in Bangladeshi patients. *Asian Pacific J Cancer Prev* 21(7), 2091-2098.
10. Tamanna N, **Kabir Y** (2020). Solid waste exposure effects on serum minerals, antioxidant vitamins and oxidative stress among waste pickers of Dhaka, Bangladesh. *Pharm Biosci J* 8(4), 16-20.
11. Hosen MB, Hasan MM, Hossain D, Rahman MM, Khanam J, Akter A, **Kabir Y**, Howlader MZH (2020). Association of angiotensin-converting enzyme and nitric oxide synthase genes polymorphisms with the risk of myocardial infarction in Bangladesh. *J Expt Clin Med* 37(4), 127-134.

Prof. Dr.A.H.M Nurun Nabi

1. Adiba M, Das T, Paul A, Das A, Chakraborty S, Hosen MI, **Nabi AHMN**. In silico characterization of coding and non-coding SNPs of the Androgen Receptor gene, Informatics in Medicine Unlocked, 2021, 100556. <https://doi.org/10.1016/j.imu.2021.100556>
2. Akther J, Das A, Rahman MA, Saha SK, Hosen MI, Ebihara A, Nakagawa T, Suzuki F, **Nabi AHMN**. Non-coding Single Nucleotide Variants of Renin and the (Pro)renin Receptor are Associated with Polygenic Diseases in a Bangladeshi Population. *Biochem Genet* (2021). <https://doi.org/10.1007/s10528-021-10049-8>.
3. Akter H, Hossain MS, Dity NJ, Rahaman A, Uddin KMF, Nassir N, Begum G, Hameid RA, Islam MS, Tusti TA, Basiruzzaman M, Sarkar S, Islam M, Jahan S, Lim ET, Woodbury-Smith M, Stavropoulos DJ, O'Rielly DD, Berdeiv B, **Nabi AHMN**, Ahsan MN, Scherer SW, Uddin M 2021. Whole exome sequencing uncovered highly penetrant recessive mutations for a spectrum of rare genetic pediatric diseases in Bangladesh. *npj Genom. Med.* 6(14): <https://doi.org/10.1038/s41525-021-00173-0>
4. Goswami A, Huda N, Yasmin T, Hosen MI, Hasan AKMM, Nabi AHMN. Association study of leukocyte telomere length and

genetic polymorphism within hTERT promoter with type 2 diabetes in Bangladeshi population. *Mol Biol Rep.* 2021 Jan;48(1):285-295. doi: 10.1007/s11033-020-06045-7.

5. Md Tarikul Islam, Nusrat Sultana, Suprovath Kumar Sarker, Tanvir Hossain, Sadia Tasnim, Mohammad Al Mahmud-Un-Nabi, Kazi Sarjana Safain, Aparna Biswas, Shekh Rezwan Hossain, Mst. Noorjahan Begum, Mohammad Sazzadul Islam, Farjana Akther Noor, Golam Sarower Bhuyan, Tahmina Shirin, A.K.M. Muraduzzaman, Waqar Ahmed Khan, A.K.M. Ekramul Hossain, Hossain Uddin Shekhar, **A.H.M. Nurun Nabi**, Syed Saleheen Qadri, Firdausi Qadri, Kaiissar Mannoor, Association of diverse population of red blood cells with different disease manifestations in patients with beta-thalassemia. *Meta Gene*, 2021 (27): 100846.
6. Chakraborty S, Alam S, Sayem M, Sanyal M, Das T, Saha P, Sayem M, Byapari BK, Tabassum CT, Kabir A, Amin MR, **Nabi AHMN**. Investigation of the efficacy and safety of eltrombopag to correct thrombocytopenia in moderate to severe dengue patients - a phase II randomized controlled clinical trial. *EClinicalMedicine*, 2020, 29 – 30:100624.
7. **Bappy HMJA**, **Goswami A**, **Huda N**, **Hosen MI**, **Nabi AHMN**. Gender specific association of missense variant rs1805097 of *IRS-2* and noncoding variant rs841853 of *GLUT-1* genes with susceptibility to type 2 diabetes in Bangladeshi population. *Gene Reports*. 2020; 21: 100866.

Prof. Dr. Mohammad Riazul Islam

1. Zaman NR, Chowdhury UF, Reza RN, Chowdhury FT, Sarker M, Hossain MM, Akbor MA, Amin A, **Islam MR**, Khan H. (2021) Plant growth promoting endophyte *Burkholderia contaminans* NZ antagonizes phytopathogen *Macrophomina phaseolina* through melanin synthesis and pyrrolnitrin inhibition. *PLoS ONE* 16(9): e0257863. <https://doi.org/10.1371/journal.pone.0257863>
2. Uddin MA, Akter S, Ferdous M, Haidar B, Amin A, Molla AHMSI, Khan H and **Islam MR**. (2021) A plant endophyte *Staphylococcus hominis* strain MBL_AB63 produces a novel lantibiotic, homiocorcin and a position one variant. *Sci. Rep.* 11, 11211. <https://doi.org/10.1038/s41598-021-90613-9>

3. Nath M, Chowdhury FT, Ahmed S, Das A, **Islam MR**, Khan H. (2021). Value addition to jute: assessing the effect of artificial reduction of lignin on jute diversification. *Heliyon*. 7(3):e06353. doi: 10.1016/j.heliyon.2021.e06353.
4. Akash M, Chowdhury UF, Khaleque FTZ, Reza RN, Howlader DC, **Islam MR**, Khan H. On the reappearance of the Indian grey wolf in Bangladesh after 70 years: what do we know? *MammBiol* (2020). <https://doi.org/10.1007/s42991-020-00064-4>

Dr. Md. Taibur Rahman

1. Jerin-E-Gulshan[#], Niladri Paul[#], Atiqur Rahman, **Taibur Rahman**^{\$} Serologic detection of *Toxoplasma gondii* in cat-owning population at Dhaka Metropolitan Area of Bangladesh. Vol.11 No.1, 2021. *Advances in Microbiology*
2. **Rahman T**, Ashraf T, Rahman A (2021). Tracking trends of *Toxoplasma gondii* transmission from environment to animal to human. *J. Adv. Parasitol.* 8(2): 13-19.
3. Hasib Uddin Ahmed^a, Anik Paul^a, Zimam Mahmud, **Taibur Rahman**, Md. Ismail Hosen^{a*} Analysis of functional SNPs in the isocitrate dehydrogenase 1 and 2 genes using in silico approach. *Gene Reports*, June 2021

Ms. Sonia Tamanna

1. **Sonia Tamanna**, Eugenie R. Lumbers, Saije Morosin, Sarah J. Delforce, Kirsty G. Pringle (2021) "ACE2: A key modulator of RAS and pregnancy" *Am J Physiol Regul Integr Comp Physiol*. 2021 Oct 20. doi: 10.1152/ajpregu.00211.2021
2. Md. Sarowar Hossain, M. Mizanur Rahman, **Sonia Tamanna** (2021). "A Current Perspective of Bangladeshi Medicinal plants: Phytochemical, Pharmacological and Traditional uses." *IOSR Journal of Pharmacy and Biological Sciences*, Vol. 16, no. 5, October.
3. **Sonia Tamanna**, Alak K Dutta, Sayma Parvin, Sunil K Biswas and Zakir H Howlader (2021). "Most of the popular rice varieties in Bangladesh are of medium glycemic index (GI)" *International Journal of Human and Health Sciences* Vol. 05 No. 04 October.

4. Md. Sarowar Hossain, M. Anwarul Islam, Md. Anisur Rahman, Md. Mofizur Rahman, Harun-Or Rashid, **Sonia Tamanna** (2021). "Analgesic, anti-inflammatory and antidiabetic effect of *Phyllanthus beillei* leaves." *Pharmacology Online* vol. 2, August.
5. Md. Sarowar Hossain, M. Anwarul Islam, Mrinal Kantighosh, Md. Harun-Or Rashid, **Sonia Tamanna** (2021). "Investigation of phytochemical antimicrobial and cytotoxic Activities of Methanol Extract of *Phyllanthus Beillei* leaves." *Pharmacology Online*, volume 2, August.
6. Md. Mostafijur Rahman, MS, Saimon Miah, MS, **Sonia Tamanna**, MS, Md. Bayejid Hosen, MS, Tasnin Akter, MS, TH Johra, FCPS, Yearul Kabir, PhD, M Zakir Hossain Howlader, PhD (2020). Association of maternal Vitamin D with neonatal vitamin D status and birth weight in urban population of Bangladesh: a cross sectional study." *Acta Scientific paediatrics*, Volume 3 Issue 12 November.
7. **Sonia Tamanna**, Vicki L. Clifton, Kym Rae, Dirk Van Helden, Eugenie R. Lumbers, Kirsty G. Pringle (2020). "Angiotensin converting enzyme 2 (ACE2) in Pregnancy: Preeclampsia and Small for Gestational Age." *Front. Physiol.*, 30 September.

M.M. Towhidul Islam

1. Loss of CASK Accelerates Heart Failure Development. Mustroph, Julian, Can Martin Sag, Felix Bähr, Anna-Lena Schmidtman, Shamindra Nath Gupta, Alexander Dietz, **MM Towhidul Islam** et al. *Circulation Research*. 2021, February 17.
2. Catechol-O-methyltransferase and dopamine receptor D4 gene variants: Possible association with substance abuse in Bangladeshi male. Jahanara Akter Sonia, Taufa Kabir, **M MTowhidul Islam**, Yearul Kabir. *PLOS ONE*. 2021 16(2): e0246462.
3. Inhibition of cardiac potassium currents by oxidation-activated protein kinase A contributes to early afterdepolarizations in the heart. Maximilian Trum, **M MTowhidul Islam**, Simon Lebek, Maria Baier, Philipp Hegner, Philip Eaton, Lars Maier, and Stefan Wagner. *American Journal of Physiology-Heart and Circulatory Physiology*. 2020, 319(6), H1347-H1357.

Dr. Md. Mohsin

1. **Title: In-silico predictions of deleterious SNPs in human ephrin type-A receptor 3 (EPHA3) gene.**

Authors name: Dipankor Chatterjee, Umar Faruq Chowdhury, Mohammad Umer Sharif Shohan, Md Mohasin and Yearul Kabir.

Name of Journal: Informatics in Medicine Unlocked.

Published Year: 2021

2. **Title: In silico design of an epitope-based vaccine against choline binding protein A of Streptococcus pneumoniae,**

Name of Authors: Meherun nesa Munia, Shafi Mahmud, Mohammed Mohasin and K.M. Kaderi Kibria

Name of Journal: Informatics in Medicine Unlocked

Published Year: 2021

Dr. Zimam Mahmud

1. Glow Alasiri, Yannasittha Jiramongkol, Sasanan Trakansuebkul, Hui-Ling Ke, **Zimam Mahmud**, Kittintuyod, Eric W-F Lam. Reciprocal regulation between GCN2 (eIF2AK4) and PERK (eIF2AK3) through the JNK-FOXO3 axis to modulate cancer drug resistance and clonal survival. *Molecular and Cellular Endocrinology*, 2020, ISSN: 1872-8057
2. Ut. FOXA1 is a determinant of drug resistance in breast cancer cells. *Breast Cancer Res Treat* (2021). <https://doi.org/10.1007/s10549-020-06068-5>. Kumar, Anastasia Ardashaeva, **Zimam Mahmud**, R. Charles Coombes & Ernesto Yague
3. **Zimam Mahmud**, Syeda Antara Shabnam, Israt Dilruba Mishu, Fatema-Tuz Johura, Shahnewaj Bin Mannan, Abdus Sadique, Laila N. Islam, Munirul Alam. Virotyping, genotyping, and molecular characterization of multidrug resistant *Escherichia coli* isolated from diarrheal patients of Bangladesh, *Gene Reports*, Volume 23, 2021, 101182, ISSN 2452-0144, <https://doi.org/10.1016/j.genrep.2021.101182>.

4. Hasib Uddin Ahmed, Anik Paul, **Zimam Mahmud**, Taibur Rahman, Ismail Hosen, Comprehensive characterization of the single nucleotide polymorphisms located in the isocitrate dehydrogenase isoform 1 and 2 genes using in silico approach, *Gene Reports*, 2021, 101259, ISSN 2452-0144, <https://doi.org/10.1016/j.genrep.2021.101259>.

Dr. Tahira yasmin

1. Yasmin T, Azeroglu B, Cockram CA, Leach DRF. Distribution of Holliday junctions and repair forks during *Escherichia coli* DNA double-strand break repair. *PLoS Genet*. 2021; 17(8): e1009717. <https://doi.org/10.1371/journal.pgen.1009717>
2. Huda N, Yasmin T, Nabi AHMN. MNS16A VNTR polymorphism of human telomerase gene: Elucidation of a gender specific potential allele associated with type 2 diabetes in Bangladeshi population. *J Diabetes Complications*. 2021 Oct;35(10):108018. doi: 10.1016/j.jdiacomp.2021.108018. Epub 2021 Aug 10. PMID: 34404572.
3. Goswami A, Huda N, Yasmin T, Hosen MI, Hasan AKMM, Nabi AHMN. Association study of leukocyte telomere length and genetic polymorphism within hTERT promoter with type 2 diabetes in Bangladeshi population. *Mol Biol Rep*. 2021 Jan;48(1):285-295. doi: 10.1007/s11033-020-06045-7. Epub 2021 Jan 3. PMID: 33389530.

Received awards and research grants , Symposium, Seminar, Workshop Attend: (2020-2021)

Prof. Dr. Zeba Islam Seraj**Talks in conferences**

1. *From Genetic Discovery to Practical Application in Producing Salt Tolerant High-Yielding Rice*. Invited speaker @ Sciences for Society DU-100 conference, 26th Feb, 2021
2. *Application of Crispr Cas9 Genome Editing in Plants & More*. Presented at Community of Biotechnology Webinar, October 24, 2020.

3. *Wild halophytic rice, O. coarctata as a resource for rice cultivation in saline soil*: Invited speaker at ISCA Webinar - International Symposium on Coastal Agriculture: Transforming Coastal Zone for Sustainable Food and Income Security 16th March – 19th March 2021.
4. *Saline Tolerant High-Yielding Rice: Is the Way Forward through DNA Markers, Genetic Modification or Gene Editing*-Bangladesh Academy of Science- Bangladesh Academy of Sciences. Academy Lecture, August 16, 2021

Prof. Dr. Mohammad Riazul Islam

Received Awards and Research Grants:

- **PI, ICT Innovation project, Ministry of ICT, Bangladesh.** Title: কৃত্রিম বুদ্ধিমত্তা ও ডিপ লার্নিং ব্যবহার করে ইলিশের জিনোম থেকে গুরুত্বপূর্ণ জিন চিহ্নিতকরণ. Project duration: 1 Year (2020-2021)
- **PI, MOST project, Bangladesh.** Title: Analysis of ACE2 receptor gene polymorphism and genetic susceptibility to SARS-CoV-2 infection. Project duration: 1 Year (2020-2021)

Dr. Md. Taibur Rahman

Received Awards and Research Grants

- Investigation of host genetic determinants of *Toxoplasma gondii* infected pregnant women Funded by Dhaka University under UGC.
- Environmental transmission of *Toxoplasma gondii* into human host Funded by Ministry of Science and Technology.
- Measurement of neurotransmitters in *Toxoplasma gondii* infected major depressive disorder patients Funded by Neuroscience Research Center of Dhaka University.
- **Workshop:** Capacity building of higher education for Teachers of Bangladesh on using and creating the open education resource, held on virtually from 26-28 July 2021, Organized by: University Grants Commission, Bangladesh & Commonwealth Educational Media Center for Asia (CEMCA), New Delhi, India.
- **Workshop:** "Research Methodology and Project Proposals" on 5th October 2021 via Zoom Platform organized by Center of Excellence in Teaching and Learning, University of Dhaka.

- **Seminar:** Assessing Learning Online: Objective Assessments & Addressing Cheating, Wednesday, August 25, 2021; 7:00 PM Via Zoom. jointly organized by University Grants Commission of Bangladesh and U.S. Embassy Dhaka.

Ms Sonia Tamanna

1. Received awards and research grants (2020-2021)

Grant name:

"Association of ACE2 genetic polymorphisms with preeclampsia and its adverse outcome"

UGC-DU Research Grant for the faculty members for 2020-2021

Amount- 275000/-

Symposium, seminar, meeting and workshop attended (2020-2021)

1. Sonia Tamanna, Vicki L. Clifton, Kym Rae, Dirk Van Helden, Eugenie R. Lumbers, Kirsty G. Pringle. "Women with preeclampsia have an imbalance in the levels and activity of RAS enzymes." The High Blood Pressure Research Council of Australia (HBPRC) virtual meeting 2020.
2. Sonia Tamanna, Saije K. Morosin, Sarah J. Delforce, Kym Rae, Dirk Van Helden, Eugenie R. Lumbers, Kirsty G. Pringle. "The Potential Role of the Renin Angiotensin System in Syncytialisation." The Society for Reproductive Biology (SRB) Virtual Awards 2020
3. Sonia Tamanna, Vicki L. Clifton, Kym Rae, Dirk Van Helden, Eugenie R. Lumbers, Kirsty G. Pringle. "The Role of Circulating Angiotensin Converting Enzyme 2 (ACE2) in Pregnancy Complications: Preeclampsia and Small for Gestational Age". International Society for Reproductive Investigations (SRI) 2020: Scientific Abstracts. *Reproductive Sciences* Volume 27, Issue date-March 2020 pages 1-444(2020), <https://doi.org/10.1007/s43032-020-00176-9>
4. Sonia Tamanna, Saije Morosin, Sarah J. Delforce, Kym Rae, Dirk Van Helden, Eugenie R. Lumbers, Kirsty G. Pringle. "The Expression and Activity of RAS Enzymes (ACE, ACE2 and NEP) in Syncytiotrophoblast Cells: Does ACE2 Contribute to Syncytialisation? International Society for Reproductive Investigations (SRI) 2020: Scientific Abstracts. *Reproductive Sciences* volume 27, Issue date-

March 2020 pages1–444(2020), <https://doi.org/10.1007/s43032-020-00176-9>

Dr. M.M Towhidul Islam

Received awards and research grants (2020-2021):

- Fulbright Visiting Research Fellowship Award to join Dana Farber Cancer Institute, Harvard Medical School, Boston, USA;

Centennial Research Grant from University of Dhaka

Dr. Md. Mohsin

Received awards and research grants (2020-2021): As a PI I received the following grants

i. Name of Organization: Biotechnology Research Centre

Year: 2020-2021 (1Year)

Research Title: Investigation of Antibiotic Resistance Patterns in Urinary Tract Infection Among Diabetic Patients in Bangladesh

ii. Name of Organization: Ministry of Education (Banbeis)

Year: 2019-2022 (3 Years)

Research Title: Determination of the minimum concentration of each antibiotic, heavy metals and metals for emergence of the antibiotic resistance superbug bacteria

Symposium, seminar, meeting and workshop attended (2020-2021):

i. **Name of Conference:** International Conference on Science and Technology for Celebrating the Birth Centenary of Bangabandhu (ICSTB-2021)

Title of Article: Mitochondrial fission is associated with mROS-dependent microbicidal responses to *S. pneumoniae* in macrophages.

Type of Presentation: Oral Presentation

Date: 11-13th March 2021,

Location: BCSIR, Dhaka, Bangladesh

Dr. Zimam Mahmud

Received awards and research grants (2020-2021):

i) Research grant from Ministry of Science and Technology (2020-2021)

ii) Research grant from University of Dhaka, funded by University Grant Commission (UGC) (2020-2021)

Dr. Tahira Yasmin

Workshop: Cancer Bioinformatics

October 2021, Organized by BioTED

Book Reference

AHM Nurun Nabi and Akio Ebihara. Diabetes and Renin-Angiotensin-Aldosterone System: Pathophysiology and Genetics. Accepted as a book chapter in Renin-Angiotensin Aldosterone System by Intechopen, 2021.

Review article

Sayed S, **Nabi AHMN**. Diabetes and Genetics: A Relationship Between Genetic Risk Alleles, Clinical Phenotypes and Therapeutic Approaches. Adv Exp Med Biol. 2020 Apr 21. doi: 10.1007/5584_2020_518

Department of Psychology (1965)

Chairperson

Professor Dr. Md. Kamal Uddin

Professor

(1) Dr. Nasreen Wadud, M.Sc., Ph.D. (India); (2) Dr. Mahfuza Khanam, M.Sc., Ph.D (Dhaka); (3) Dr. Md. Kamal Uddin, M. Sc., Ph.D. (Japan); (4) Dr. A. K. M. Rezaul Karim, M. Sc., Ph.D. (Japan); (5) Ayesha Mahmuda, M. Sc. M. Phil.; (6) Dr. Afroza Hossain, M. Sc. Ph.D (India); (7) Dr. Mst. Aeysha Sultana, M. Sc. Ph.D. (Australia).

Associate Professor

(1) Sayed Tanveer Rahman, M. Sc. (2) Arifa Rahman, M. Sc.; (3) Mst. Maleka Pervin, M.Sc. M.Phil (Norway) [Study Leave]; (4) Dr. Md. Akib-Ul-Huque, M.Sc., Ph.D (England).

Assistant Professor

(1) Asheek Mohammad Shimul, M.Sc. England [Study Leave]; Mohammad Sohel Rana, M. Sc.; (2) Md. Salim Hossain, M. Sc.; (3) Bipasha Singha, M. Sc. [Study Leave]; (4) Chhanda Karmaker, M. Sc.; (5) Jamiun Naher, M. Sc. [Study Leave]; (6) Farjana Begum, M.Sc.; (7) Ishrat Shahnaz, M.Sc.; (8) Rumana Ferdousi Siddique, M.Sc.; (9) Mollika Roy, M.Sc. [Study Leave]; (10) Naima Nigar, M.Sc. (England) [Study Leave].

Lecturer

(1) Sanchary Prativa, M.Sc.; (2) Fariea Bakul, M.Sc. (Germany); (3) Sumaia Ali Raisa, M.Sc. [Study Leave]; (4) Mst. Jakia Rahman, M.Sc.

Supernumerary Professor

Professor Dr. S.H.Mahmud

Honorary Professor

(1) Professor Manzurul Haq; (2) Professor Dr. Azizur Rahman; (3) Professor Dr. Mehtab Khanam.

Part-Time Teacher

(1) Prof. Dr. Md. Robiul Islam; (2) Prof. Dr. Ashfak Hossain; (3) Prof Dr. Moshir Rahman; (4) Md. Mynul Islam; (5) Jobeda Khatun

Number of Students

Year	Session	Number of Student		
		Male	Female	Total
First Year Hons	2020 - 2021	00	00	00
Second Year Hons	2020 - 2021	38	101	139
Third Year Hons	2020 - 2021	58	80	138
Forth Year Hons	2020 - 2021	71	54	125
M.S.	2020 - 2021	54	47	92
M.Phil				
Ph.D				
Total Student				494

Expansion of Academic Curriculum:

Department of Psychology has introduced two new applied streams besides Master's program in Psychology from 2015-2016 academic year. Name of those courses are: School Psychology, and Industrial and Organizational Psychology. So far, three batches have successfully completed both the courses. Additionally one more batch of School Psychology also completed the course.

Students' Club:

This year students of Psychology department has introduced some clubbing activities to increase academic understanding as well as extra-curricular capacity building. Among those clubs Psychology Reading Club, Psychology Debating Club, and Psychology Career Club are mentionable.

Celebration of Mental Health Day:

Attached with WHO, Department of Psychology celebrated World Mental Health Day October 10, 2021 like previous years. This department played a key role in coordinating two days workshop with Clinical Psychology department, and Education and Counselling Department on Mental Health Day.

List of Publication during 2020-2021**Dr. Mahfuza Khanam**

1. Khanam, M., (2021). Relationship Among Islamic Dress, Religious Values And Altruistic Behavior, *Dhaka University. J. Biological Science*, vol.30(1), pp.13-21.
2. Khanam, M. and Sultana, N., (2021). Association Among Self-Esteem, Aggression And Psychological Adjustment Of Orphans And Family-Reared Children, *Dhaka University J. Biol. Science*, vol.29(1), pp. 97-105.
3. Tany, R. F., Khanam, M. (2020). Over-weight and Over-scheduled Adolescents and their Emotional and social Impairment, *Dhaka University Journal of Psychology*, vol. 42, pp. 39-50.

4. Uddin, M. K., Khanam, M., Hossain, A., (2020). Quality of Teaching-Learning in the Department of Psychology at the University of Dhaka: A Mixed Method 360° Baseline Survey, *Dhaka University Journal of Psychology*, vol. 42, pp. 63-89.

Dr. Md. Kamal Uddin

1. Yamada et al. (2021). COVIDiSTRESS Global Survey Dataset on Psychological and Behavioural Consequences of the COVID-19 Outbreak. *Scientific Data*, 8, 1-23.
2. Uddin, M. K., Rahman, J., & Rahman, N. (2021). Associations of Bullying and Peer Victimization with Adolescents' Adjustment. *International Journal of Asia Pacific School Psychology*, 2(2), 147-153.
3. Uddin, M. K., Kubra, K. T., & Ferdous, J. (2021). Testing Indirect Effect of Parental Acceptance on the Relationship between Best Friend Acceptance and Psychological Adjustment among Adolescents in Bangladesh. *International Journal of Asia Pacific School Psychology*, 2(2), 22-31.
4. Khaleque, A., Uddin, M. K. & Aktar, R. (2021). Relations between Bicultural Attitudes, Paternal Versus Maternal Acceptance, and Psychological Adjustment of Ethnic-Minority Youth in Bangladesh. *Journal of Ethnic and Cultural Studies*, 8(3), 149-168.
5. Khaleque, A., Ana Rita Reboredo, A. R., Monteiro, V., & Uddin, M. K. (2021). Effects of Parental Acceptance- Motivation on Adolescents' Academic Achievement. *International Journal of Biomed Research*, 1(4).
6. Uddin, M. K., Reberio, M., Khatun, R., & Rahman, J. (2021). Anxiety, Depression, and Everyday Memory among Female Students Pursuing Diploma in Nursing. *International Journal of Asia Pacific School Psychology*, 2(1), 93-100.
7. Uddin, M. K., Mahmud, A. Y., Khanam, M., Hossain, A. (2021). Quality of Teaching-Learning in the Department of Psychology at the University of Dhaka: A Mixed Method 360° Baseline Survey. *Dhaka University Journal of Psychology*, 42, 63-89.
8. Rahman, J., Uddin, M. K., Siddique, S. M. A., & Bhattacharyya, P. (2020). Effect of Cyber Aggression on Cyber Victimization among High School Children: Parental Rejection as a Predictor. *International Journal of Asia Pacific School Psychology*, 1(2), 185-191.
9. Uddin, M. K., Kabir, S., & Zaman, F. (2020). Resilience, Optimism and Suicidal Ideation among Dhaka University Students. *International Journal of Asia Pacific School Psychology*, 1(2), 158-164.
10. Uddin, M. K., & Mullick, T. T. (2020). Evaluation of Multiple Choice Questions in Secondary School Certificate Examination in Bangladesh. *International Journal of Asia Pacific School Psychology*, 1(1), 9-19.
11. Uddin, M. K., Khatun, H., Ferdous, F., & Choudhury, S. A. (2020). Cultural Adaptation of the Morey's Somatic Complaints Scale for Use in Bangladesh. *Bangladesh Journal of Psychology*, 23, 135-152.
12. Aktar, R., Sugiura, Y., Uddin, M. K., & Hiraishi, K. (2020). An IRT Approach to Assessing Psychometric Properties of the Japanese Version Teacher Acceptance-Rejection Questionnaire. *Bangladesh Journal of Psychology*, 23, 5-30.
13. Akter, A., Uddin, M. K., & Siddique, A. B. (2020). Development of secondary school teacher's evaluation scale. *Dhaka University Journal of Psychology*, 42, 51-62.

14. Begum, F., Uddin, M. K., Bristy, S. P. & Sultana, M. (2020). Facebook addiction predicting anxiety and depression among young adults. *Dhaka University Journal of Psychology*, 42, 15-21.

Dr. A.K.M. Rezaul Karim

1. Uzzaman, M. A., & Karim, A. K. M. R. (2020). Psychometrics properties of school motivation inventory in Bangladeshi culture: Exploratory and confirmatory study. *Journal of Behavioural Sciences*, 30(2), 42-61.

Dr. Most Aeysha Sultana

2. Nuzhat, A., & Sultana, M.A. (January 2021). Effect of metacognitive ability and selective attention ability on academic performance of adolescents. *The Dhaka University Journal of Biological Sciences*, 30(1), 59-67.
3. Shamima Akter, A., Sultana, M. A., & Akter, S. (2020). Relationship between personality traits and coping strategies among university students. *Bangladesh Journal of Psychology*.
4. Mahjabin, S. & Sultana, M.A. (2020). Adaptation of the Deo-Mohan Achievement Motivation (n-Ach) Scale for Urban Students in Bangladesh, 23, 99-114.
5. Hossain, N., & Sultana, M. A. (2020). Single-sex and co-education: Effects on self-concept and academic achievement. *Bangladesh Psychological Studies*, 30, 1-10.
6. Sultana, M.A., Ward, P.R., & Bond, M.J. (2020). The impact of a bullying awareness programme for primary school teachers: a cluster randomized controlled trial in Dhaka, Bangladesh. *Educational Studies*, 46(1), 106-116. DOI: <https://doi.org/10.1080/03055698.2018.1536877>

Arifa Rahman

1. Haque, A.M. Z, Nigar, N., Rahman, A., Bakul, F. and Rubyat, S : Analyzing the effect of foreign language on decision making: a study from Bangla language perspective, *The Dhaka University Journal of Biological Sciences* , vol.V-29 , no.(I-2) , 2020 .

Dr. Akib-ul Huque

1. Akib Ul Huque, Umme Kawser, Monira Rahman, Shamini Gnani, Mala Rao, Cleo Baskin, Pauroma Preeti Mallick and Stephanie Armstrong : Evaluation of Mental Health First Aid training program in Bangladesh: A modified Delphi study, *International Journal of Mental Health Systems BMC* , pp.Under review , 2021 .

Md. Salim Hossain

1. Khan, M.H.R., Mohamad, N.B., & Hossain, M.S. (2021). Psychomotor skills in total Sleep Deprivation. *International Medical Journals*, 28(2), 159-162.

Chanda Karmaker

1. Karmaker, C., Dr. Afroza Hossain and Mahin Sultana : Depression and Sleep Quality among Mothers of Children with Autism Spectrum Disorder, *Dhaka University Journal of Psychology* , vol.42 , pp.1-6 , 2020 .
2. Karmaker, C. and Papry Akter : "Visuospatial Working Memory: Does Sleep Quality Correlate with It?", *The International Journal of Indian Psychology* , vol.8 , no.3 , 2020.

Jamiun Nahar (Study Leave)

1. Das, J. S. and Nahar, J. : Psychological Needs Assessment of Primary School Going Students of Dhaka, *The Dhaka University Journal of Biological Sciences* , vol.30 , no.2 , pp.243 - 259 , 2021.
2. Nahar, J. : Adaptation of the Internet Attitude Survey for Bangladeshi Culture, *Dhaka University Journal of Psychology* , vol.42 Department of Psychology, University of Dhaka , pp.7-13 , 2020 .
3. Habib, S. and Nahar, J. : Adaptation of the Self-Compassion Scale for Bangladeshi Culture, *The Dhaka University Journal of Biological Sciences* , vol.29 , no.1 , pp.37 - 44 , 2020 .

Farjana Begum

1. Shil, R, Begum, F and Nahar, N: Correspondence between Mother and Child with Regard to Acceptance-Rejection and Children Psychological Adjustment, *International Journal of Sciences and Applied Research* , vol.9 , no.8 , pp.1-9 , 2021 .
2. Begum, F : Exploring Psychosocial Factors Influencing Women Entrepreneurships of Bangladesh, *Indian Journal of Positive Psychology* , vol.12 , no.2 , pp.151-154 , 2021 .
3. Rahman, M, Begum, F and Nahar, N : Impact of Parenting and Achievement Motivation on Students' Academic Performance, *International Journal of Asia Pacific School Psychology* , vol.2 , pp.38-44 , 2021 .
4. Begum, F, Ullah, M. H and Nahar, N : Job Satisfaction, Mental Well- Being and Turnover Intention among Pharmaceutical Employees in Bangladesh, *Indian Journal of Health and Wellbeing* , vol.12 , no.2 , pp.150-153 , 2021 .
5. Begum, F, Uddin, M. K, Bristy, S. P and Sultana, M : Facebook Addiction Predicting Anxiety and Depression among Young adults, *Dhaka University Journal of Psychology* , vol.42 , pp.15-21 , 2020.
6. Akter, S, Begum, F and Sultana, M : Seperation Anxiety in the Children of Working and Nonworking Mothers, *Bangladesh Psychological Studies* , vol.30 , pp.89-97 , 2020 .

Ishrat Shahnaz

1. Kabir, S. and Shahnaz, I. : Perceived Social Support as a Predictor of Perfectionism and Life Stress, *International Journal of Asia Pacific School Psychology* , vol.2 , no.2 , pp.81-87 , 2021 .
2. Shahnaz, I. and Khatun, I. : Relationship of Patience with Life Engagement, and Well-being of Teachers Dealing with

Exceptional Children, *Dhaka University Journal of Psychology* , vol.42 , pp.23-28 , 2020 .

3. Akter, N., Singha, B. and Shahnaz, I. : Self-Control as a predictor of Facebook Addiction and Aggressive Behavior, *Dhaka University Journal of Psychology* , vol.42 , pp.29-37 , 2020 .
4. Putnick, D. L., Uddin, M. K., Rohner, R. P., Singha, B. and Shahnaz, I. : Remembrances of parental rejection are associated with loneliness as mediated by psychological maladjustment in young Bangladeshi men but not women, *International Journal Of Psychology (impact factor:2)* , vol.55 , no.3 , pp.354-363 , 2020 .

Rumana Ferdousi Siddique

1. Mistry, S. K., Ali, A. R. M. M., Irfan, N. M., Yadav, U. N., Siddique, R. F., Peparah, P., Reza, S., Rahman, Z., Casanelia, L. and O'Callaghan, C. : Prevalence and correlates of depressive symptoms among Rohingya (Forcibly Displaced Myanmar Nationals or FDMNs) older adults in Bangladesh amid the COVID-19 pandemic, *Global Mental Health*, Cambridge University Press, 2021 .
2. Siddique, R.F., Ahmed, O. and Hossain, K. N. : Relationship between the fear of COVID-19 disease and sleep quality: the mediating role of stress, *Heliyon* , vol.7(5):e07033 , 2021 .
3. Ahmed, O., Hossain, K. N., Siddique, R. F. and Jobe, M. C. : COVID-19 fear, stress, sleep quality and coping activities during lockdown, and personality traits: A person-centered approach analysis, *Personality and Individual Differences* , vol.178:110873 , 2021 .

Fariea Bakul

1. Bakul, F. and Heanoy, E. Z. : Emotion Regulation and Psychological Impact of COVID-19 among Post-Graduate University Students, *International Journal of Indian Psychology* , vol.9 , no.4 , pp.1-11 , 2021 .
2. Bakul, F. : Economic abuse and relationship satisfaction within pre-marital couples., *International Journal of Indian Psychology* , vol.8 , no.03 , pp.103-112 , 2020 .
3. Haque, A.M. Z, Nigar, N., Rahman, A., Bakul, F. and Rubyat, S : Analyzing the effect of foreign language on decision making: a study from Bangla language perspective, *The Dhaka University Journal of Biological Sciences* , vol.V-29 , no.(I-2) , 2020 .

Mst. Jakia Rahman

1. Jakia Rahman, Muhammad Kamal Uddin, Sardar Mohammad Abu Bakar Siddique, and Prottyasha Bhattacharyya : Effect of Cyber Aggression on Cyber Victimization among High School Children: Parental Rejection as a Predictor, *International Journal of the Asia Pacific School Psychology* , vol.01 , no.2 , pp.185-191 , 2020

Department of Microbiology (1979)**Chairman**

Professor Dr. Sabita Rezwana Rahman

Professor

1. Md. Majibur Rahman, M.Sc., Ph.D. (Stratchlyde); 2. Md. Mahfuzul Hoque, M.Sc., PhD (Okayama); 3. Chowdhury Rafiqul Ahsan, M.Sc., PhD (Hirosaki); 4. Donald James Gomes, M.Sc., PhD (Graz); 5. Md. Abdul Malek, M.Sc., PhD (Stratchlyde); 6. Md. Anisur Rahman Khan, MSc., PhD (Ehime); 7. Md. Anwar Hossain, M.Sc., PhD (Tokyo) [on deputation]; 8. Mahmuda Yasmin, M.Sc., PhD (Glasgow); 9. Humaira Akhter, M.Sc., M. Phil (East anglia); 10. Sabita Rezwana Rahman, M.Sc.,

PhD (Stratchlyde); 11. Anowara Begum, M.Sc., PhD. (Okayama); 12. Shakila Nargis Khan, M.Sc., PhD (Manchester); 13. Md. Manjurul Karim, M.Sc., PhD (Manchester); 14. Marufa Zerine Akhter, M.Sc., PhD (Manchester); 15. Sangita Ahmed, M.Sc., PhD (Cambridge); 16. Sunjukta Ahsan, M.Sc., PhD (Cambridge, UK).

Associate Professor

1. Munawar Sultana, M.Sc., PhD (Fryberg, Germany); 2. Md. Mizanur Rahaman M.S. PhD (Kumamoto).

Assistant Professor

1. Mr S.M. Sabbir Alam, M.S. [on study leave]; 2. Mohammad Anwar Siddiki, M.S. [on study leave]; 3. Md. Ibrahim Miah, M.S.

Lecturer

1. Miss. Samina Mamotaz, M.S. [on study leave] 2. Somen Kumar Mistri, M.S. [on study leave] 3. Mr. Md. Abu Sayem Khan, M.S. 4. Mr. S. M. Tanjil Shah, M.S. 5. Mr. Md. Rafiul Islam Ranga, M.S.

Part-Time Teacher

1. Prof. Rakhe Hari Sarker, M.Sc., PhD. (UK); 2. Prof. Dr. Suraiya Parvin, M.Sc., PhD (Kharagpur, India); 3. Mian Md. Naushaad Kabir, PhD (Hyderabad, India).

Honorary Professor

Professor Md. Mozammel Hoq, M.Sc., Ph.D. (Nagoya)

List of Students

Year	Session	Number of Students		Total
		Male	Female	
1st year B.Sc. (Hons.)	2020-2021	22	23	45
2nd year B.Sc. (Hons.)	2020-2021	21	24	45
3rd year B.Sc. (Hons.)	2020-2021	25	20	45

4th year B.Sc. (Hons.)	2020-2021	22	07	29
M.S.	2020-2021	17	19	36
M.S.	2019-2020	29	10	39
M. Phil	2020-2021	01	03	04
Total Student		137	106	243

Research Activities of the faculties of the Department

Professor Dr. Md. Majibur Rahman has been working on different areas of Bioprocess Technology, Clinical, Environmental & Food Biotechnology and supervising students working for PhD, MPhil and MS degrees. As well as he is the Chief Editor in the Bangladesh Journal of Microbiology (BJM) from 31/12/2019.

Professor Dr. Md. Mahfuzul Hoque has been working on the production of rare sugar and enzymes by *Streptomyces* spp., inactivation of food-borne pathogens with essential oils extracted from plants, herbs and spices, funded by Ministry of Education, antibacterial activity of homeopathic drugs against human pathogens and on different areas of Food Microbiology. He is supervising students working for PhD, M.Phil and MS degrees.

Professor Dr. Chowdhury Rafiqul Ahsan has been supervising students at the PhD, M.Phil and M.S levels working in different areas of Immunology & Medical Microbiology.

Professor Dr. Donald James Gomes has been supervising students at the PhD, M.Phil and M.S levels working in different areas of Bioprocess Technology, Clinical Microbiology and Molecular Biology.

Professor Dr. M A Malek has been supervising students at the PhD, M.Phil and M.S levels working in different areas of Bioprocess Technology, Management of Food Safety and Quality, Enzyme and Fermentation Technology. He is also the President of the Bangladesh Society of Microbiologists (BSM) from 31/12/2019.

Professor Dr. Md. Anisur Rahman Khan has been working on different areas of Microbial Biotechnology and Environmental Microbiology and teaching & supervising students working for PhD, M.Phil and MS degrees.

Professor Dr. Mahmuda Yasmin has teaching in the department of Microbiology in 2nd year to MS program. Courses included are Medical Microbiology, Cell Biology, Virology and Oncology. Research activities continued on (i) association of EBV with Hodgekin and Non-Hodgekin Lymphoma, (ii) microRNA as a biomarker for HBV and HCV infections, and also (iii) MDR *Acinetobacter* and *Pseudomonas*.

Professor Humaira Akhter has been supervising students at M.S level working in different areas of Environmental Biotechnology.

Professor Dr. Sabita Rezwana Rahman major research fields include Medical Microbiology, Immunology and Virology. She has been working on several research projects and supervising students of BS (Hons.) and MS degrees. Her laboratory focuses on influenza research involving molecular investigation, pathogenesis, genomics and epidemiology. At present she is the chairman of this Department. She is the Director in the Centre of Excellence in Teaching and Learning, where more than 200 teachers have attended training workshop on teaching and learning. She is also the General Secretary of the Bangladesh Society of Microbiologists (BSM) from 31/12/2019. As the Director of CoETL, the present chairman Professor Dr. Sabita Rezwana Rahman arranged a series of online workshops for quality education, online classes, assessments, post-Covid pedagogical readiness in Dhaka University: Role of a teacher for the faculty (teachers) and officers of Dhaka University during the COVID-19 pandemic.

Professor Dr. Anowara Begum has been working on different areas of Environmental Microbiology, Molecular Microbiology and Bioremediation of Environmental Pollutant and supervising students working for B.Sc. (Hons.), MS and PhD degrees. She is the Chairman of this Department from 22/06/2021 as well as General Secretary of the Bangladesh Society of Microbiologists (BSM) from 01/01/2019.

Professor Dr. Shakila Nargis Khan is working on abundance and community structure of bacteria associated with *Artemia* cysts used in hatchery operations in Bangladesh. She is supervising students working for B.Sc. (Hons.), MS and PhD degrees in the field of Enzyme, Fermentation, Biopesticide & Environmental Biotechnology.

Professor Dr. Md. Manjurul Karim is doing research on Molecular Biology and Bioinformatics to supervise students in the Department for their B.S. (Hons.), MS and PhD degrees. Other Academic, student affairs or extra-curricular activities of Dr. Md. Manjurul Karim.

- Expert member, Committee for “Cosmetics and related products”, 2019-2021 at Bangladesh Standard and Testing Institute (BSTI), Ministry of Industry, Govt. of People’s Republic of Bangladesh
- Convener, Program Sub-committee, 34th BSM Annual Conference (International e-conference) Dec, 19-20, 2020
- Lecture on “Combating the Public Health risks: A procedural approach” for the members of Dhaka University Nature Conservation Club (DUNCC). Organized by Department of Zoology, University of Dhaka for Victory Day 2020 Celebration. Dec 18, 2020
- Session Chair, ‘Environment and Its Element: Damage and Development’, 1st International Student Research Conference, organized by Dhaka University Research Society (DURS), Dec 6, 2020
- Keynote lecture on ‘Strengthening Engagement of Rural Girls in STEM Education for a Better Bangladesh’ organized by Educational and Cultural Society (ECS), Bangladesh. FMPE Seminar Room, BARI, Gazipur. Nov 7 and Oct 24, 2020
- Organizer, Webinar on “One health and pandemic: Bangladesh perspective”. Organized by BSM, Oct 10, 2020

- Convener, Judges’ panel of Life Sciences, International Poster Presentation Competition (IPPC) 2020, organized by National Young Academy of Bangladesh (NYAB) in association with SLAYS, TYSA and INYAS. Virtual presentation, Sep-Oct 2020.

- Moderator, Webinar on “Promoting Academia-Industry Partnership in the Light of COVID-19 Crisis: Way Forward” Organized by Asian Federation of Biotechnologists (AFOB) Bangladesh and CARES. Aug 22, 2020

- Organizer, Virtual Panel Discussion on “Towards Effective COVID-19 vaccines: Possibilities and Challenges”. Organized by the Department of Microbiology, DU, BSM and DUMAA, Jul 26, 2020.

- Panelist and Organizer, Webinar on “Pandemic of Infectious authorship: To be or not to be treated”, Organized by National Young Academy of Bangladesh (NYAB). Jul 21, 2020

Professor Dr. Marufa Zerine Akhter is supervising research students of B.Sc. (Hons.) and M.S. level on Biotechnology, Food Microbiology and Clinical Microbiology.

Professor Dr. Sangita Ahmed is supervising research students of B.Sc. (Hons.), MS and M.phil level on molecular biology, environmental microbiology and clinical microbiology.

Professor Dr. Sunjukta Ahsan is currently working on different aspects of research on bacterial biofilm and cancer flora. Her research interests include investigation of antibiotic resistance of biofilm producing bacteria.

Dr. Munawar Sultana is supervising research students of B.Sc. (Hons.) and M.S. student. She is working on arsenic pollution, microbial transformation, antibiotic gene pool pollution, functional genomics and bioinformatics.

Dr. Md. Mizanur Rahaman is currently working on different research projects including antibiotic resistance mechanism analysis and novel antibiotic/anticancer identification. His main focus on research is to understand the multi-drug resistance mechanisms and host-pathogen interaction. He is also working on the understanding of the inflammasome activation by various enteric pathogens. Besides, he is also working on a parallel project to discover novel antibiotics/anticancer components from different natural components and bacterial metabolites. He is supervising research students of B.Sc. (Hon's) M.S. and PhD level. He is also serving as the Student Advisor of the Department of Microbiology.

Md. Ibrahim Miah is currently working on Food Microbiology, Environmental Microbiology, Public Health and Molecular Biology.

Md. Abu Sayem Khan is currently working on Bacteriophage therapy for controlling MDR *Salmonella* in poultry and Antimicrobial resistance (AMR) in hospital wastewater.

Mr. S. M. Tanjil Shah has been working on different areas of environmental microbiology, bio-process technology, and clinical microbiology. He is supervising research students of B.Sc. (Hon's).

Md. Rafiul Islam Ranga works basically on virology and bioinformatics. He works with a very enthusiastic research team on the development of effective vaccine against Foot-and-mouth disease virus (FMDV). Currently, along with the FMDV research, he is working in several projects including molecular epidemiology and immunology of SARS-CoV-2 in Bangladesh, metagenomics of different diseases and antibiotic resistance. He has more than 10 articles published in international peer reviewed journals related to vaccine, virology, bacteriology and bioinformatics. Before joining the Department, he served as a Research Officer at Bangladesh Food Safety Authority (BFSA), volunteer in a COVID-19 detection laboratory during the pandemic and contributed as a national expert pool member for technical assistance in COVID-19 detection laboratory.

Publications

1. **Ahmed S**, Hasan R, Khan SA and Ahmed R. (2021). Chromium bioremediation potential of indigenous *Bacillus pumillus* isolated from river water of Bangladesh. *Bangladesh J. Microbiol*, 38(1): 27–30. <https://doi.org/10.3329/bjm.v38i1.55533>
2. **Ahsan S**, Alam N and Sirajee A. 2021. Determination of the efficacy of azithromycin on biofilm-forming uropathogenic *Escherichia coli* isolated from urinary tract infection samples. *Dhaka University Journal of Biological Sciences*, 30(1): 1-11. <https://doi.org/10.3329/dujbs.v30i1.51804>
3. **Akhter MZ**, Nuheen Akter, **Ahsan S** and Chowdhury FM. 2021. Antibiotic Sensitivity and Virulence Genes in *Staphylococcus aureus* Isolates from Surgical Site Infection. *Bangladesh J. Microbiol.* 38(1): 21-26.
4. Aktar N, Shishir MA, **Khan SN** and Hoq MM. Isolation and Molecular Characterization of *Bacillus thuringiensis* Harboring Putative ps Genes from Bangladesh. *Microbial Bioactives*, 4(1), 143-149. 2021. DOI:10.25163/microbbioacts.412122A0630120921
5. Alam ARU, **Islam MR**, Rahman MS, Islam OK and **Hossain MA**. 2021. Understanding the possible origin and genotyping of the first Bangladeshi SARS-CoV-2 strain. *Journal of medical virology*, 93(1), pp.1-4.
6. Ali M R, Rubayet Ul Alam ASM, Amin MA, Siddique MA, **Sultana M** and **Hossain MA**. 2020. Emergence of novel lineage of foot-and-mouth disease virus serotype Asia1 BD-18 (G-IX) in Bangladesh. *Transboundary and Emerging Diseases* 67: 486-493
7. Amin A, Ali MMR, Islam MR, Rubayet Ul Alam ASM, Shill DK, Rahman MS, Siddique MA, **Sultana M** and **Hossain MA**. 2020. "Development and serology based efficacy assessment of a

- trivalent foot-and-mouth disease vaccine." *Vaccine* 38: 4970–4978.
8. Amin A, Ali MMR, Rubayet UI Alam ASM, Siddique MA, Rahaman MM, **Sultana M** and **Hossain MA**. 2020. "Complete genome sequence of a potential foot-and-mouth disease virus serotype O vaccine strain from Bangladesh." *Archives of Virology* 165:2119–2122
 9. Amin MA, Ali MR, Alam ASMR, Siddique MA, **Rahaman MM**, **Sultana M** and **Hossain MA**. Complete genome sequence of a potential foot-and-mouth disease virus serotype O vaccine strain from Bangladesh. *Archives of Virology*. 2020
 10. Amin MN, **Yasmin M**, **Akhter MZ**, **Ahsan CR**. 2020. Molecular Pattern of Anti-malarial Drug Resistance of Plasmodium falciparum in Bangladeshi Troops Working in Endemic Areas of Bangladesh and Africa. *Bangladesh J. Microbiol.* 37(1): 1-6.
 11. Asadulghani M, Angra P, Giasuddin M, Bari ML, Islam MS, Roy CK, Islam MR, Islam Z, Hasan KN, Islam MA, Nabi AHMN, Farzana T, Chowdhury JP, **Sultana M**, Mannan T, Rahman MH, Sikder AJ and Salimullah M. 2020. Strengthening Biosafety and Biosecurity Status in Bangladesh: A Sustainable Approach. *Applied Biosafety* (June) P:1-13
 12. Bari A, Shishir MA, Khan SA, **Khan SN**, Hoq MM. Bio-efficacy of Indigenous Bacillus thuringiensis JSd1 against Melon Fly, Zeugodacus cucurbitae (Coq.) (Diptera: Tephritidae: Dacinae). *International Journal of Entomology Research* (Impact Factor: RJIF 5.24), vol.6 (2): 127-134, 2021. <http://www.entomologyjournals.com/search?keyword=6-2-15>
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 65. Sultana S, Hossain A and **Karim MM**. 2021. Gut-Microbiome management: an issue worth considering in COVID-19 treatment. *International Journal of Pharmaceutical Sciences and Research*. **12** (1) 1-7 (IF **1.230**) [http://dx.doi.org/10.13040/IJPSR.0975-8232.12\(1\).1-7](http://dx.doi.org/10.13040/IJPSR.0975-8232.12(1).1-7)
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 68. Towhid ST, **Rakhi NN**, Arefin ASMS, Saha O, Mamun S, Moniruzzaman M, **Rahaman MM**. 2020. COVID-19 and Cardiovascular system: How the First Post Modern Pandemic 'Weakened' our Hearts. *Discoveries Reports*. 2020; 3: e15. DOI: 10.15190/drep.2020.9

Conference, Workshop and Seminar

1. Afrin S, Topu R and **Ahmed S**. Characterization of Virulence profile and Antimicrobial Resistance pattern of *Listeria monocytogenes* isolated from Raw and Ready-to-eat Chicken Food Sample Collected from Dhaka City. Presented at the 35th BSM Annual Conference, held on 11th December, 2021 at University of Dhaka.
2. Chakrabarty M, Hossen F, **Begum A** and Akhter H. 2020. Plant growth promoting (PGP) activities isolates from *Sesbania bispinosa* in response to pesticides. Presented in 34th annual conference (e-international) organized by Bangladesh Society of Microbiologists held on 19th-20th December. (Virtual)
3. Deuri P and **Ahmed S**. Genotypic and phenotypic characterization of heavy metal tolerant *Proteus mirabilis* strain ALK-428 isolated from polluted river water of Bangladesh. Presented at the 35th BSM Annual Conference, held on 11th December, 2021 at University of Dhaka.
4. DJM Joy and **MM Karim**. Identification of a novel bacterial agent, *Citrobacter* spp causing Early Mortality Syndrome in black tiger shrimp. International Poster Presentation Competition (IPPC) 2020, organized by National Young Academy of Bangladesh (NYAB) in association with SLAYS, INYAS and TYSA. Sep-Oct 2020
5. Ferdous J, Sultana R, Rashid RB, **Begum A** and Jensen PKM. 2020. Comparative Assessment of Fecal Contamination in 'Improved' Piped-To-Plot Communal Source and Point-Of-Drinking Water? Presented in 69th Annual Meeting of American Society of Tropical Medicine and Hygiene, 15-19 November, Toronto, Ontario, Canada (Virtual).
6. Habib H, Naeem MN, Hossain ZZ, Akhter H and **Begum A**. 2020. Characterization of antibiotic resistant and biofilm forming *Salmonella* spp. isolated from wastewater treatment plant of Dhaka City. Presented in 34th annual conference (e-international) organized by Bangladesh Society of Microbiologists held on 19th-20th December. (Virtual) (1st Prize, Oral Presentation)
7. Hossain A, **Karim MM**, Jhuma TA and Menezes GA. 2020. Gut Microbiome and Heavy Metals. *In: Metal Toxicology Handbook*, (D Bagchi and M Bagchi eds.) pp 81-98, published by CRC press, Taylor and Francis group, USA. **ISBN: 978-1-138-34524-9 (hbk), 978-0-429-43800-4 (ebk)**
8. Jensen PKM, Hossain ZZ, Ferdous J, Sultana R, Almaida S and **Begum A**. 2020. A plate full of *E. coli*- An investigation of the daily *E.coli* intake for an average slum dweller in Dhaka. Presented in American Society of Tropical Medicine and Hygiene 69th Annual Meeting November 15-19, Held in Toronto, Ontario, Canada (Virtual).
9. **Karim MM** and Sultana S. 2021. Harnessing Plant Growth Promoting Rhizobacteria for a Climate-smart Sustainable Agriculture. *In: Centenary Special Publication- Microbiology*. (MM Rahman *et al* eds), pp 72-74. Published by the Department of Microbiology, University of Dhaka, Bangladesh.
10. KMM Alam and **MM Karim**. "Isolation and molecular characterization of virulent *Aeromonas hydrophila* (vAh) from *Ompok pabda* (Hamilton, 1822) fishes infected with Motile *Aeromonas* Septicemia". 34th BSM Annual Conference 2020 (Virtual e-conference) at Zoom platform on "Microbiology for Health and wellbeing; Today and tomorrow, 19-20 Dec 2020
11. **MM Karim**, invited lecture on "The novel PCR primers to diagnose Visceral Leishmaniasis using peripheral blood, spleen or bone marrow aspirates". Webinar II on Centennial Celebration of University of Dhaka, Feb 25-27, 2021

12. **MM Karim**. 2021. Potential for Harnessing Plant Growth Promoting Rhizobacteria for a Climate-Smart Sustainable Agriculture. Published by Asiatic Society of Bangladesh
13. P Nawer, S Basak, S Sultana, MM Hoq, MN Naser, **MM Karim**, SN Khan. Bacterial association with Artemia cysts used in aquaculture industries of Bangladesh and use of probiotics as biocontrol agent. International Poster Presentation Competition (IPPC) 2020, organized by NYAB. Sep-Oct 2020.
14. Rahim S and **Karim MM**. 2021. The Microbiologists in the Pharmaceutical Industries: Roles and Opportunities. *In*: Proceedings of the AGM 2021, BSPP Engagement for a better tomorrow. pp 23-25. Published by Bangladesh Society of Pharmaceutical Professionals.
15. Rahim S, Amin R, Sharif M, Rahman MT and **Karim MM**. Samiur Poster on “PCR-based Diagnosis of Human Visceral Leishmaniasis Using Urine Samples”. 34th BSM Annual Conference 2020
16. Raihan T and **Ahmed S**. Bacteriological analysis of raw and ready-to-eat chicken meat items collected from Dhaka city, Bangladesh. Presented at the 35th BSM Annual Conference, held on 11th December, 2021 at University of Dhaka.
17. Saqif AT, Akhter H and **Begum A**. 2020. Isolation and identification of pesticide degrading bacteria from soil of vegetable fields. Presented in 34th annual conference (e-international) organized by Bangladesh Society of Microbiologists held on 19th-20th December. (Virtual)
18. Sultana S and **MM Karim**. Keynote lecture on “Harnessing plant growth-promoting rhizobacteria (PGPR) as a climate-smart solution for coastal agriculture under changing climate conditions”. International Conference on Science and Technology Bangladesh (ICSTB), organized by BCSIR, 11-13 Mar 2021

19. Talukder N, Mayua Z, Bhuiyan IU, **Begum A** and Ahmed S. 2020. Textile dye decolorization potential of indigenous bacteria isolated from industrial effluents. Presented in 34th annual conference (e-international) organized by Bangladesh Society of Microbiologists held on 19th-20th December. (Virtual)

20. Tuli ST, Khan SN and **MM Karim**. Tuli poster on ‘Characterization of ACC deaminase Producing Salt-Tolerant, Plant Growth-Promoting Rhizobacteria (PGPR) Isolated from Rice Endophytes’. 34th BSM Annual Conference

Research grants and awards received

Different research projects in the department has been funded from the Ministry of Science, Bangladesh, the Ministry of Education, Bangladesh, UGC, USDA, HQEP, Dhaka University etc.

Seminar

Organizing seminars has been a regular event in the Department, where graduate students of the Department and visiting scientists deliver talks on different areas of microbiology and related field.

Department of Fisheries (1997)

Chairman

Professor Dr. Md. Monirul Islam, M.S., Ph.D. (University of Leeds)

Professor

(1) Md. Ghulam Mustafa, M.Sc., Ph.D. (Hiroshima University); (2) Mahmud Hasan, M.Sc. Ph.D. (Asian Institute of Technology); (3) Kaniz Fatema, M.Sc., M.Phil, Ph.D. (Universiti Sains Malaysia); (4) Md. Golam Rabbane, M.S., Ph.D. (University of Padova); (5) Md. Monirul Islam, M.Sc., Ph.D. (University of Leeds); (6) Mohammad Raknuzzaman, M.Sc., M.Sc (Belgium), Ph.D. (Yokohama National University); (7) Mohammad Shamsur Rahman, M.Sc., Ph.D. (University of Padova).

Associate Professor

(1) Mrs. Wahida Haque, M.Sc, M.Sc. (Asian Institute of Technology); (2) Mr. Mohammad Mamun Chowdhury, M.Sc., M.Sc. (Ghent University); (3) Anwar Hossain, M.S., Ph.D. (Yokohama National University); (4) Mosammat Salma Akter, M.S., Ph.D. (Ghent University, Vrije Universiteit Brussel) [Post-doctoral Leave]; (5) Mohammad Shahneawz Khan, M.S., M.S. (Katholieke Universiteit Leuven), Ph.D. (Université Catholique de Louvain) [Post-doctoral Leave]; (6) Shankar Chandra Mandal., M.S., Ph.D. (University of Stirling); (7) Md. Habibullah-al-Mamun, M.S. Ph.D. (Yokohama National University) [Post-doctoral Leave].

Assistant Professor

(1) Mr. Md. Hasan Faruque, M.S., Ph.D. (Yokohama National University); (2) Mr. Md. Alamgir Kabir, M.S. [Study leave]; (3) Mr. Goutam Kumar Kundu, M.S. [Study leave]; (4) Mrs. Bijoya Paul, M.S.; (5) Mrs. Mst. Khadiza Begum, M.S.; (6) Mr. Gouri Mandal, M.S.; (7) Mrs. Nusrat Jahan Punom, M.S.; (8) Mr. Md. Inja-Mamun Haque, M.S.; (9) Mr. Md. Mostavi Enan Eshik, M.S.

Part-Time Teacher

(1) Dr. Md. Zavid Iqbal Bangali, Department of Applied Mathematics, D.U.; (2) Dr. Mohammad Shahed Masud, Institute of Statistical Research and Training, D.U.; (3) Dr. Mohammad Monirul Islam, Department of International Business, D.U.

Number of Students

Year and classes	Numbers
1 st Year B.S. Hons. (2019–2020)	48
2 nd Year B.S. Hons. (2019–2020)	45
3 rd Year B.S. Hons. (2019–2020)	39
4 th Year B.S. Hons. (2019–2020)	31
M.S. (2020)	19
M.S. in Aquaculture-6	
M.S. in Fisheries Biology & Genetics-6	
M.S. in Fisheries Management-7	
Ph.D. & M. Phil	07
Total number of students	189

Examination Results

Year and class	No. of examinees	Classes			No. of students Passed	Percentage of passing
		1st	2nd	3rd		
1 st Year B.S. Hons. (2020)	48	-	-	-		Course final examinations completed, Practical in-course and Practical Final examinations are in process
2 nd Year B.S. Hons. (2020)	45	-	-	-		Course final examinations completed, Practical in-course and Practical Final examinations are in process
3 rd Year B.S. Hons. (2020)	39	-	-	-		Course final examinations completed, Practical in-course and Practical Final examinations are in process
4 th Year B.S. Hons. (2020)	31	-	-	-		All examinations completed, Results are in the process of being published
M.S. (2020) M.S. in Aquaculture-06 M.S. in Fisheries Biology and Genetics-06 M.S. in Fisheries Management-07	19	-	-	-		Course final examinations completed

M Phil	03	-	-	-	-
Ph. D.	04	-	-	-	-

**Personal achievement of teachers in 2020-2021 academic year
(01/07/2020–30/06/2021)**

List of Research Publications

Dr. Md. Ghulam Mustafa

Journal Article

Rahman M. M., Mondal G., Mithu M. M., Rabbane M. G. & **Mustafa M. G.** (2020). Growth performances and proximate composition of *Mystus cavasius* (Hamilton, 1822) cultured in Recirculating Aquaculture System (RAS) under different stocking densities. *The Dhaka University Journal of Biological Science*, 29, 137–145.

Dr. Mahmud Hasan

Journal Article

Al Zahid, M., Fatema, K., Hassan, M. R., & **Hasan, M.** (2021). Growth performances and nutrient compositions of pabda *Ompok bimaculatus* (Bloch, 1797) grown in recirculating and closed aquaculture systems. *Journal of the Asiatic Society of Bangladesh, Science*, 47(1), 1–12.

Dr. Kaniz Fatema

Journal Article

1. Al Zahid, M., Fatema, K., Hassan, M. R., & **Hasan, M.** (2021). Growth performances and nutrient compositions of pabda *Ompok bimaculatus* (Bloch, 1797) grown in recirculating and closed aquaculture systems. *Journal of the Asiatic Society of Bangladesh, Science*, 47(1), 1–12.
2. Alam, M.S., Jahan, I., Rahman, S., Jahan, H., & **Fatema, K.** (2021). Regulatory elements in the upstream region of Metallothionein gene in Tilapia species. *Dhaka University Journal of Biological Sciences*, 30(1), 95–103.

Dr. Md. Monirul Islam

Journal Article

1. Ahmed, M. K., Rani, S., Khan, M. I., Failler, P., **Islam, M. M.**, & Watson, G. (2021). Trace metals in water, sediment and fishes of the Ganges-Brahmaputra-Meghna Delta, Bangladesh: a review. *Bangladesh Maritime Journal*, 5(1), 97–122.
2. **Islam, M. M.**, Rahman, M. A., Khan, M. S., Mondal, G., & Khan, M. I. (2021). Transformational adaptations to climatic hazards: Insights from mangroves-based coastal fisheries dependent communities of Bangladesh. *Marine Policy*, 128, 104475.
3. **Islam, M. M.**, Khan, M. I., & Barman, A. (2021). Impact of novel coronavirus pandemic on aquaculture and fisheries in developing countries and sustainable recovery plans: Case of Bangladesh. *Marine Policy*, 131, 104611.
4. **Islam, M. M.**, Islam, F., Akter, M. S., Kundu, G. K., Barman, A., & Khan, M. I. (2020). Transformative Adaptations to Climate Change: Cases from the Jamuna River Fishing Communities of Bangladesh. *Journal of Fisheries and Environment*, 44(3), 1–18.
5. **Islam, M.M.**, Kundu, G.K. & Khan, M.I. (2020). Aquaculture: A faster growing greenhouse gas emission sector for Bangladesh. *International Journal of Ecology & Development*, 35 (3), 44–57.
6. **Islam, M. M.**, Rahman, M. A., Paul, B., & Khan, M. I. (2020). Barriers to Climate Change Adaptation: Insights from the Sundarbans Mangrove-based Fisheries of Bangladesh. *Asian Fisheries Science*, 33, 175–186.

Book Sections

1. **Islam, M.M.** (2021). Impacts and responses of Bangladesh coastal fishing communities to climate change: Implications for policy and scaling-up. *Climate Change in Bangladesh*. Springer Nature, Switzerland, pp. 157–182.
2. **Islam, M.M.**, Islam, M.M., Ahmed, M.K., Khan, M.I., Imteazzaman, A.M. & Hossain, Z. (2021). Measuring Resilience of Coastal Fishing Communities of Bangladesh to Climatic Impacts. *Bangladesh II: Climate Change Impacts, Mitigation and*

- Adaptation in Developing Countries, Springer Nature, Switzerland, pp. 137–157.
- Ahmed, M.A., Yeasmin, F., **Islam, M.M.**, Barman, A. & Hossain, Z. (2021). Climate change induced livelihood vulnerability and adaptation of St. Martin's Island's community, Bangladesh. Bangladesh II: Climate Change Impacts, Mitigation and Adaptation in Developing Countries, Springer Nature, Switzerland, pp. 267–282.
 - Islam, M.M.** (2021). Cyclone alia in Bangladesh: Impact, adaptation and way forward. Chapter 8: Poverty, livelihoods and sustainable development (section on physical capital and adaptation), AR6 Climate Change 2021: Impacts, Adaptation and Vulnerability. Stringer et al. Intergovernmental Panel on Climate Change.
 - Islam, M.M.**, Tanzil, R., Hossain, Z., Islam, A. and Barman, A. (2021). Assessing the resilience of marine fishing communities of Bangladesh to climatic hazards and disasters. Small in Scale but Big in Number. Chuenpagdee, R. & Islam, M.M. Canada: Too Big To Ignore (TBTI) Global Book Series, 2021.

Dr. Md. Raknuzzaman

Journal Articles

- Sei, K., Wang, Q., Tokumura, M., Hossain, A., **Raknuzzaman, M.**, Miyake, Y., & Amagai, T. (2021). Occurrence, potential source, and cancer risk of PM_{2.5}-bound polycyclic aromatic hydrocarbons and their halogenated derivatives in Shizuoka, Japan, and Dhaka, Bangladesh. *Environmental Research*, 196, 110909.
- Lipy, E.P., Hakim M., Mohanta, L.C., Islam, D., Lyzu, C., Roy, D. C., Jahan, I., Akhter S., **Raknuzzaman, M.**, Sayed, M.A., 2020. Assessment of Heavy Metal Concentration in Water, Sediment and Common Fish Species of Dhaleshwari River in Bangladesh and their Health Implications. *Biological Trace Element Research*, 1–13.
- Han, S., **Raknuzzaman, M.**, Naito, W., & Masunaga, S. (2020). Assessment of metal levels in sediments and oyster (*Crassostrea*

gigas) tissues from Shidugawa Bay, a closed Japanese Aquaculture Environment. *Water, Air, & Soil Pollution*, 231(7), 1–10.

- Hossain, A., **Raknuzzaman, M.**, & Tokumura, M. (2020). Coronavirus (COVID-19) Pandemic: Concern about Misuse of Antibiotics. *Journal of Biomedical Analytics*, 3(2), 19–23.
- Mahmood, S., Paul, B., **Raknuzzaman, M.**, & Al Mamun, M. H. (2020). Fish diversity at the vicinity of hatiya island, Bangladesh. *Bangladesh Journal of Zoology*, 48(1), 45–55.

Dr Mohammad Shamsur Rahman

Journal Articles

- Maruf, M. A. H., Punom, N. J., Saha, B., Moniruzzaman, M., Suchi, P. D., Eshik, M. M. E., & **Rahman, M. S.** (2021). Assessment of human health risks associated with heavy metals accumulation in the freshwater fish *Pangasianodon hypophthalmus* in Bangladesh. *Exposure and Health*, 13, 337–359.
- Talukder, A. S., Punom, N. J., Eshik, M. M. E., Begum, M. K., Islam, H. R., Hossain, Z., & **Rahman, M. S.** (2021). Molecular identification of white spot syndrome virus (WSSV) and associated risk factors for white spot disease (WSD) prevalence in shrimp (*Penaeus monodon*) aquaculture in Bangladesh. *Journal of Invertebrate Pathology*, 179, 107535.
- Shawon, A., Eshik, M. M. E., & **Rahman, M. S.** (2020). Application of Whole Genome Sequencing to detect Aquaculture Pathogen. National Fish Week 2020 Compendium (*in Bangla*). Department of Fisheries (DoF), Ministry of Fisheries and Livestock, Bangladesh, pp. 84–86.
- Abedin, M. M., Eshik, M. M. E., Punom, N. J., Begum, M. K., & **Rahman, M. S.** (2020). Genetic Characterization of Swamp Eel of Bangladesh Through DNA barcoding and RAPD Techniques. *Journal of the Asiatic Society of Bangladesh, Science*, 46(2), 117–131.
- Akter, M. T., Faruque, M. H., Hasan, M. R., & **Rahman, M. S.** (2020). Proximate composition, amino acids and fatty acids

profiles of wild and cultured Climbing Perch, *Anabas testudineus* (Bloch, 1795). *Bangladesh Journal of Zoology*, 48(2), 365–378.

6. **Rahman, M.S.**, Eshik, M. M. E., Punom, N. J., Abedin, M.M., & Begum, M.K. (2020). Diversity of *Vibrio* species' and their antibiotic sensitivity patterns in Black Tiger Shrimp *Penaeus monodon* (Fabricius, 1798) cultured in south-west region of Bangladesh. *Asian Fisheries Science*, 33 (4): 330–340.
7. Yasin, A., Begum, M. K., Saha, B., Suchi, P. D., Eshik, M. M. E., & **Rahman, M. S.** (2020). Heavy metals concentration and possible health risks from Shrimp nurseries at south-west region, Bangladesh. *Bangladesh Journal of Zoology*, 48(1), 167–179.
৮. Begum, M. A., Punom, N. J., Eshik, M. M. E., Begum, M. K., Khan, T., Saha, M. L., & **Rahman, M. S.** (2020). Pathogenic gut microbiota associated with striped catfish, *Pangasianodon hypophthalmus* cultured in Bangladesh and their antibiotic sensitivity pattern. *Dhaka University Journal of Biological Sciences*, 29(1), 61–73.

Dr. Anwar Hossain

Journal Articles

1. Hasan, M. K., Shahriar, A., Hossain, N., Shovon, I. K., **Hossain, A.**, Jolly, Y. N., & Begum, B. A. (2021). Trace metals contamination in riverine captured fish and prawn of Bangladesh and associated health risk. *Exposure and Health*, 13(2), 237–251.
2. Mandal, S. C., Boidya, P., Haque, M. I. M.,
3. **Hossain, A.**, Shams, Z., & Mamun, A. A. (2021). The impact of the COVID-19 pandemic on fish consumption and household food security in Dhaka city, Bangladesh. *Global Food Security*, 100526.
4. Sei, K., Wang, Q., Tokumura, M., **Hossain, A.**, Raknuzzaman, M., Miyake, Y., & Amagai, T. (2021). Occurrence, potential source, and cancer risk of PM_{2.5}-bound polycyclic aromatic hydrocarbons and their halogenated derivatives in Shizuoka, Japan, and Dhaka, Bangladesh. *Environmental Research*, 196, 110909.
5. Mandal, S. C., Kadir, S., & **Hossain, A.** (2020). Effects of salinity on the growth, survival and proximate composition of *Pangasius hypophthalmus*. *Bangladesh Journal of Zoology*, 48(1), 141–149.

Pangasius hypophthalmus. *Bangladesh Journal of Zoology*, 48(1), 141–149.

6. **Hossain, A.**, Raknuzzaman, M., & Tokumura, M. (2020). Coronavirus (COVID-19) Pandemic: Concern about Misuse of Antibiotics. *Journal of Biomedical Analytics*, 3(2), 19–23.
7. Shorna, S., Shawkat, S., **Hossain, A.**, Quraishi, S. B., Ullah, A. K. M., Hosen, M. M., ... & Habibullah-Al-Mamun, M. (2021). Accumulation of trace metals in indigenous fish species from the Old Brahmaputra River in Bangladesh and human health risk implications. *Biological Trace Element Research*, 199(9), 3478–3488.

Dr. Mosammat Salma Akter

Journal Articles

1. **Akter, S.**, Khan, M. S., Smith, E. N., & Flashman, E. (2021). Measuring ROS and redox markers in plant cells. *RSC chemical biology*, 2, 1384–1401.
2. Islam, M. M., Islam, F., **Akter, M. S.**, Kundu, G. K., Barman, A., & Khan, M. I. (2020). Transformative Adaptations to Climate Change: Cases from the Jamuna River Fishing Communities of Bangladesh. *Journal of Fisheries and Environment*, 44(3), 1–18.
3. Hossain, J., Khan, M. S., **Akter, S.**, Rabbane, M. G., Khan, H., Kundu, G. K., & Paul, B. (2020). Deciphering Oxidative Stress Responsive microRNA (miRNA) in Hilsa (*Tenualosa ilisha*) and Rohu (*Labeo rohita*). *Genetics of Aquatic Organisms*, 4(2), 97–110.

Dr. Mohammad Shahneawz Khan

Journal Articles

1. Akter, S., **Khan, M. S.**, Smith, E. N., & Flashman, E. (2021). Measuring ROS and redox markers in plant cells. *RSC chemical biology*, 2, 1384–1401
2. Islam, M. M., Rahman, M. A., **Khan, M. S.**, Mondal, G., & Khan, M. I. (2021). Transformational adaptations to climatic hazards: Insights from mangroves-based coastal fisheries dependent communities of Bangladesh. *Marine Policy*, 128, 104475.

3. **Khan, M. S.**, Gargiulo, S., & Soumillion, P. (2020). Promiscuous activity of 3-isopropylmalate dehydrogenase produced at physiological level affords *Escherichia coli* growth on d-malate. *FEBS letters*, 594(15), 2421-2430.
4. Hossain, J., **Khan, M. S.**, Akter, S., Rabbane, M. G., Khan, H., Kundu, G. K., & Paul, B. (2020). Deciphering Oxidative Stress Responsive microRNA (miRNA) in Hilsa (*Tenualosa ilisha*) and Rohu (*Labeo rohita*). *Genetics of Aquatic Organisms*, 4(2), 97–110.

Dr. Shankar Chandra Mandal

Journal Articles

1. **Mandal, S. C.**, Boidya, P., Haque, M. I. M., Hossain, A., Shams, Z., & Mamun, A. A. (2021). The impact of the COVID-19 pandemic on fish consumption and household food security in Dhaka city, Bangladesh. *Global Food Security*, 29, 100526.
2. **Mandal, S. C.**, Weidmann, M., Albalat, A., Carrick, E., Morro, B., & MacKenzie, S. (2020). Polarized trout epithelial cells regulate transepithelial electrical resistance, gene expression, and the phosphoproteome in response to viral infection. *Frontiers in immunology*, 11, 1809.
3. Bala, P., Mustafa, M. G., & **Mandal, S. C.** (2020). Improved Growth and Nutritional Quality of Pangas Catfish, *Pangasius hypophthalmus* (Sauvage, 1878) by Enzyme Supplementation. *Aquaculture Studies*, 20(2), 133–142.

Dr. Md. Habibullah-Al-Mamun

Journal Articles

1. Rani, S., Ahmed, M. K., Xiongzi, X., Keliang, C., Islam, M. S., & **Habibullah-Al-Mamun, M.** (2021). Occurrence, spatial distribution and ecological risk assessment of trace elements in surface sediments of rivers and coastal areas of the East Coast of Bangladesh, North-East Bay of Bengal. *Science of The Total Environment*, 801, 149782.
2. Islam, M., Avha, N. J., Ahmed, S., Akbor, M., Mostafiz, F., & **Habibullah-Al-Mamun, M.** (2021). Trace metals and organochlorine pesticide residues in imported fishes in Bangladesh

and human health risk implications. *Environmental Science and Pollution Research*, 1-14.

3. Shorna, S., Quraishi, S. B., Hosen, M. M., Hossain, M. K., Saha, B., Hossain, A., & **Habibullah-Al-Mamun, M.** (2021). Ecological risk assessment of trace metals in sediment from the Old Brahmaputra River in Bangladesh. *Chemistry and Ecology*, 1-18.
4. Shorna, S., Shawkat, S., Hossain, A., Quraishi, S.B., Ullah, A.A., Hosen, M.M., Hossain, M.K., Saha, B., Paul, B. & **Habibullah-Al-Mamun, M.** (2020). Accumulation of trace metals in indigenous fish species from the old Brahmaputra river in Bangladesh and human health risk implications. *Biological Trace Element Research*, 1-11.
5. Wang, Y., **Habibullah-Al-Mamun, M.**, Han, J., Wang, L., Zhu, Y., Xu, X., ... & Qiu, G. (2020). Total mercury and methylmercury in rice: Exposure and health implications in Bangladesh. *Environmental Pollution*, 265, 114991.
6. Mahmood, S., Paul, B., Raknuzzaman, M., & **Habibullah-Al-Mamun, M.**, (2020). Fish diversity at the vicinity of hatiya island, Bangladesh. *Bangladesh Journal of Zoology*, 48(1), 45-55.

Dr. Md. Hasan Faruque

Journal Articles

1. **Faruque, H.**, & Matsuda, H. (2021). Assessing the vulnerability of bycatch species from Hilsa gillnet fishing using productivity susceptibility analysis: Insights from Bangladesh. *Fisheries Research*, 234, 105808.
2. **Faruque, H.**, & Matsuda, H. (2021). Conservative Scoring Approach in Productivity Susceptibility Analysis Leads to an Overestimation of Vulnerability: A Study from the Hilsa Gillnet Bycatch Stocks of Bangladesh. *Fishes*, 6(3), 33.
3. Ahsan, D., Brandt, U. S., & **Faruque, H.** (2021). Local agricultural practices to adapt with climate change. Is sustainability a priority?. *Current Research in Environmental Sustainability*, 3, 100065.

- Akter, M. T., **Faruque, M.**, Hasan, M. R., & Rahman, M. S. (2020). Proximate composition, amino acids and fatty acids profiles of wild and cultured Climbing Perch, *Anabas testudineus* (Bloch, 1795). *Bangladesh Journal of Zoology*, 48(2), 365-378.

Mr. Goutam Kumar Kundu

Journal Articles

- Bibi, R., Kang, H. Y., Kim, D., Jang, J., **Kundu, K.**, Kim, Y. K., & Kang, C. K. (2020). Dominance of Autochthonous Phytoplankton-Derived Particulate Organic Matter in a Low-Turbidity Temperate Estuarine Embayment, Gwangyang Bay, Korea. *Frontiers in Marine Science*, 7, 827.
- Kang, H. Y., Kim, C., Kim, D., Lee, Y. J., Park, H. J., **Kundu, G. K.**, Kim, Y. K., Bibi, R., Jang, J., Lee, K. H. & Kim, H. W. (2020). Identifying patterns in the multitrophic community and food-web structure of a low-turbidity temperate estuarine bay. *Scientific reports*, 10(1), 1–16.
- Hossain, J., Khan, M. S., Akter, S., Rabbane, M. G., Khan, H., **Kundu, G. K.**, & Paul, B. (2020). Deciphering Oxidative Stress Responsive microRNA (miRNA) in Hilsa (*Tenualosa ilisha*) and Rohu (*Labeo rohita*). *Genetics of Aquatic Organisms*, 4(2), 97–110.
- Islam, M. M., Islam, F., Akter, M. S., **Kundu, G. K.**, Barman, A., & Khan, M. I. (2020). Transformative Adaptations to Climate Change: Cases from the Jamuna River Fishing Communities of Bangladesh. *Journal of Fisheries and Environment*, 44(3), 1–18.

Mrs. Bijoya Paul

Journal Articles

- Shorna, S., Shawkat, S., Hossain, A., Quraishi, S.B., Ullah, A.K.M., Hosen, M.M., Hossain, M., Saha, B., **Paul, B.** & Habibullah-Al-Mamun, M. (2021). Accumulation of trace metals in indigenous fish species from the Old Brahmaputra River in Bangladesh and human health risk implications. *Biological Trace Element Research*, 199(9), 3478-3488.

- Hossain, J., Khan, M. S., Akter, S., Rabbane, M. G., Khan, H., Kundu, G. K., & **Paul, B.** (2020). Deciphering Oxidative Stress Responsive microRNA (miRNA) in Hilsa (*Tenualosa ilisha*) and Rohu (*Labeo rohita*). *Genetics of Aquatic Organisms*, 4(2), 97–110.
- Islam, M. M., Rahman, M. A., **Paul, B.**, & Khan, M. I. (2020). Barriers to Climate Change Adaptation: Insights from the Sundarbans Mangrove-based Fisheries of Bangladesh. *Asian Fisheries Science*, 33, 175–186.
- Mahmood, S., **Paul, B.**, Raknuzzaman, M., & Al Mamun, M. H. (2020). Fish diversity at the vicinity of hatiya island, Bangladesh. *Bangladesh Journal of Zoology*, 48(1), 45–55.

Mrs. Mst. Khadiza Begum

Journal Articles

- Talukder, A. S., Punom, N. J., Eshik, M. M. E., **Begum, M. K.**, Islam, H. R., Hossain, Z., & Rahman, M. S. (2021). Molecular identification of white spot syndrome virus (WSSV) and associated risk factors for white spot disease (WSD) prevalence in shrimp (*Penaeus monodon*) aquaculture in Bangladesh. *Journal of Invertebrate Pathology*, 179, 107535.
- Abedin, M. M., Eshik, M. M. E., Punom, N. J., **Begum, M. K.**, & Rahman, M. S. (2020). Genetic Characterization of Swamp Eel of Bangladesh Through DNA barcoding and RAPD Techniques. *Journal of the Asiatic Society of Bangladesh, Science*, 46(2), 117–131.
- Rahman, M.S., Eshik, M. M. E., Punom, N. J., Abedin, M.M., & **Begum, M.K.** (2020). Diversity of *Vibrio* species' and their antibiotic sensitivity patterns in Black Tiger Shrimp *Penaeus monodon* (Fabricius, 1798) cultured in south-west region of Bangladesh. *Asian Fisheries Science*, 33 (4): 330–340.
- Yasin, A., **Begum, M. K.**, Saha, B., Suchi, P. D., Eshik, M. M. E., & Rahman, M. S. (2020). Heavy metals concentration and possible health risks from Shrimp nurseries at south-west region, Bangladesh. *Bangladesh Journal of Zoology*, 48(1), 167–179.

- Begum, M. A., Punom, N. J., Eshik, M. M. E., **Begum, M. K.**, Khan, T., Saha, M. L., & Rahman, M. S. (2020). Pathogenic gut microbiota associated with striped catfish, *Pangasianodon hypophthalmus* cultured in Bangladesh and their antibiotic sensitivity pattern. *Dhaka University Journal of Biological Sciences*, 29(1), 61–73.

Mrs. Gouri Mandal

Journal Articles

- Islam M. M., Rahman M. A., Khan M. S., **Mondal G.** & Khan M. I. (2021). Transformational Adaptations to Climatic Hazards: Insights from Mangroves-Based Coastal Fisheries Dependent Communities of Bangladesh. *Marine Policy*, 128, 104475.
- Rahman M. M., **Mondal G.**, Mithu M. M., Rabbane M. G. & Mustafa M. G. (2020). Growth performances and proximate composition of *Mystus cavasius* (Hamilton, 1822) cultured in Recirculating Aquaculture System (RAS) under different stocking densities. *The Dhaka University Journal of Biological Science*, 29, 137–145. Conference Proceeding
- Rahman A., **Mondal G.**, Khan M. I. & Islam M. M. (2020). Transformative adaptations to climatic hazards from coastal fishing communities, Bangladesh. International Conference on Earth and Environmental Sciences & Technology for Sustainable Development (ICEEST) 2020. Hotel Intercontinental, Dhaka, Bangladesh. Poster ID: ICBE-P-029.

Mrs. Nusrat Jahan Punom

Journal Articles

- Maruf, M. A. H., **Punom, N. J.**, Saha, B., Moniruzzaman, M., Suchi, P. D., Eshik, M. M. E., & Rahman, M. S. (2021). Assessment of human health risks associated with heavy metals accumulation in the freshwater fish *Pangasianodon hypophthalmus* in Bangladesh. *Exposure and Health*, 13, 337–359.
- Talukder, A. S., **Punom, N. J.**, Eshik, M. M. E., Begum, M. K., Islam, H. R., Hossain, Z., & Rahman, M. S. (2021). Molecular identification of white spot syndrome virus (WSSV) and associated risk factors for white spot disease (WSD) prevalence in

shrimp (*Penaeus monodon*) aquaculture in Bangladesh. *Journal of Invertebrate Pathology*, 179, 107535.

- Abedin, M. M., Eshik, M. M. E., **Punom, N. J.**, Begum, M. K., & Rahman, M. S. (2020). Genetic Characterization of Swamp Eel of Bangladesh Through DNA barcoding and RAPD Techniques. *Journal of the Asiatic Society of Bangladesh, Science*, 46(2), 117–131.
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- Begum, M. A., **Punom, N. J.**, Eshik, M. M. E., Begum, M. K., Khan, T., Saha, M. L., & Rahman, M. S. (2020). Pathogenic gut microbiota associated with striped catfish, *Pangasianodon hypophthalmus* cultured in Bangladesh and their antibiotic sensitivity pattern. *Dhaka University Journal of Biological Sciences*, 29(1), 61–73.

Mr. Md. Inja-Mamun Haque

Journal Article

Mandal, S. C., Boidya, P., **Haque, M. I. M.**, Hossain, A., Shams, Z., & Mamun, A. A. (2021). The impact of the COVID-19 pandemic on fish consumption and household food security in Dhaka city, Bangladesh. *Global Food Security*, 100526.

Mr. Md. Mostavi Enan Eshik

Journal Articles

- Maruf, M. A. H., Punom, N. J., Saha, B., Moniruzzaman, M., Suchi, P. D., **Eshik, M. M. E.**, & Rahman, M. S. (2021). Assessment of human health risks associated with heavy metals accumulation in the freshwater fish *Pangasianodon hypophthalmus* in Bangladesh. *Exposure and Health*, 13, 337–359.
- Talukder, A. S., Punom, N. J., **Eshik, M. M. E.**, Begum, M. K., Islam, H. R., Hossain, Z., & Rahman, M. S. (2021). Molecular

identification of white spot syndrome virus (WSSV) and associated risk factors for white spot disease (WSD) prevalence in shrimp (*Penaeus monodon*) aquaculture in Bangladesh. *Journal of Invertebrate Pathology*, 179, 107535.

3. Shawon, A., **Eshik, M. M. E.**, & Rahman, M. S. (2020). Application of Whole Genome Sequencing to detect Aquaculture Pathogen. National Fish Week 2020 Compendium (*in Bangla*). Department of Fisheries (DoF), Ministry of Fisheries and Livestock, Bangladesh, pp. 84–86
4. Abedin, M. M., **Eshik, M. M. E.**, Punom, N. J., Begum, M. K., & Rahman, M. S. (2020). Genetic Characterization of Swamp Eel of Bangladesh Through DNA barcoding and RAPD Techniques. *Journal of the Asiatic Society of Bangladesh, Science*, 46(2), 117–131.
5. Rahman, M.S., **Eshik, M. M. E.**, Punom, N. J., Abedin, M.M., & Begum, M.K. (2020). Diversity of *Vibrio* species' and their antibiotic sensitivity patterns in Black Tiger Shrimp *Penaeus monodon* (Fabricius, 1798) cultured in south-west region of Bangladesh. *Asian Fisheries Science*, 33 (4): 330–340.
6. Yasin, A., Begum, M. K., Saha, B., Suchi, P. D., **Eshik, M. M. E.**, & Rahman, M. S. (2020). Heavy metals concentration and possible health risks from Shrimp nurseries at south-west region, Bangladesh. *Bangladesh Journal of Zoology*, 48(1), 167–179.
7. Begum, M. A., Punom, N. J., **Eshik, M. M. E.**, Begum, M. K., Khan, T., Saha, M. L., & Rahman, M. S. (2020). Pathogenic gut microbiota associated with striped catfish, *Pangasianodon hypophthalmus* cultured in Bangladesh and their antibiotic sensitivity pattern. *Dhaka University Journal of Biological Sciences*, 29(1), 61–73.

Department of Clinical Psychology (1997)

Chairman

Mrs. Jobeda Khatun, MS & M Phil (Clinical Psychology). (20.02.2021 till date)

Mosammat Nazma Khatun, MS & MPhil (Clinical Psychology) (10.04.2019 to 19.02.2021) [Study Leave]

Professor

Muhammad Mahmudur Rahman, MSc (Psycho), MA, PhD (Manitoba, Canada), Post Doctoral Training in Clinical Psychology (UCL, London).

Associate Professor

(1) Mr. Kamal Uddin Ahmed Chowdhury, M.Sc. & MPhil (Clinical Psychology); (2) Muhammad Kamruzzaman Mozumder, MSc & MPhil (Clinical Psychology), PhD, (Monash University, Australia); (3) Mr. S.M Abul Kalam Azad, M.Sc & MPhil (Clinical Psychology); (4) Farah Deeba, MSc & MPhil (Clinical Psychology), PhD (NSW, Australia) [Study Leave].

Assistant Professor

Mr. Md. Shahanur Hossain, MS & MPhil (Clinical Psychology) [Study Leave].

Lecturer

Mrs. Farzana Akter MS & MPhil (Clinical Psychology).

Supernumerary Professor

Professor Dr. Parveen Huque (MA, Psychology) Ph.D (Dhaka University, Dhaka, Bangladesh)

Part-Time Teacher

(1) Professor Dr. A. A. Munib, MBBS, Psychiatry (UK); (2) Professor Dr. Jhunu Shamsun Nahar, MBBS, FCPS; (3) Mrs. Salma Perveen, MSc& M Phil (Clinical Psychology); (4) Tarun Kanti Gayen, MSc& M Phil (Clinical Psychology).

Visiting Faculty

(1) Dr. Graham Powell (U.K); (2) Dr. David A Quinn (U.K); (3) Dr. Glenda Robyn Fredman (U.K)

Number of Students

Class	Years	Numbers
M.S	2019-2020	23
M Phil Part-II	2011-2012	02
M Phil Part-II	2013-2014	05
M Phil Part-II	2014-2015	03
M Phil Part-II	2015-2016	05
M Phil Part- II	2016-2017	06
M Phil Part- II	2017-2018	14
M Phil Part- II	2018-2019	06
M Phil Part- I	2019-2020	06
Ph. D	2015-2016	04
Ph. D	2016-2017	01
	Total =	75

Examination Result

Class & Years	Number of Examinee.	Total Pass	Percentage of Pass
M.S Exam.-2020	22	22	100

Degree Awarded**Ph.D**

“Adaptation of Cognitive Behavior Therapy for Depression in Bangladesh”- Ph.D Researcher *JasanAra*, Supervisor Dr. Farah Deeba.

M. Phil

“Self-Concept among Adolescents receiving Psychiatric Care”- M Phil Researcher *Jannatul Ferdous*, Supervisor Kamal Uddin Ahmed Chowdhury

“Effectiveness of Cognitive Behavior Therapy for Children with Social Anxiety Disorder” - M. Phil Researcher *Lutfun Nahar*, Supervisor Dr. Farah Deeba.

“Developing Cognitive Behavior Therapy based inclusive-approach for assessment and management of pain among cancer patients in Bangladesh”- M.Phil Researcher *Md. Ashiquir Rahaman*, Supervisor Mosammat Nazma Khatun

Research Activities**Ph.D Research**

“Developing a Parental Guideline for Psychological Management of Children with Autism Spectrum Disorder” - Professor Dr. Muhammad Mahmudur Rahman & Ph.D Researcher *S.M Abul Kalam Azad*.

“Impact of Traumatic Brain Injury (TBI) on General Relationship and Sexuality” - Professor Dr. Muhammad Mahmudur Rahman & Ph.D Researcher *Md. Shahanur Hossain*.

“Exploring Attribution Style and Metacognitive Process in Borderline Personality Disorder” - Professor Dr. Muhammad Mahmudur Rahman & Ph.D Researcher *Tarun Kanti Gyen*.

“Influence of Parental Rejection on Borderline Personality Disorder” - Professor Dr. Muhammad Mahmudur Rahman & Ph.D Researcher *Selina Fatema Bite Shahid*.

M Phil Research

“Developing School Mental Health Programme for Adolescents in Dhaka City” - Professor Dr. Muhammad Mahmudur Rahman & M Phil Researcher *Quaniz Fatema Korobi*.

“Mental Health of Garments Factory Personnel in Bangladesh” - Professor Dr. Muhammad Mahmudur Rahman & M Phil Researcher **Sadeka Hossain.**

“Bullying and its Determinants among Secondary School Children in Dhaka City: A Qualitative Analysis” - Professor Dr. Muhammad Mahmudur Rahman & M Phil Researcher **Farzana Zafreen.**

“Coping with Daily Life Stress among Traumatic Brain Injury Survivors” -Professor Dr. Muhammad Mahmudur Rahman& M Phil Researcher **Tanjina Siddika.**

“Exploring Coping process among people undergoing stressful life events”- Professor Dr. Muhammad Mahmudur Rahman& M Phil Researcher **Amina Khatun.**

“Developing Neuropsychological Rehabilitation Plan for Stroke Patients in Bangladesh” -Professor Dr. Muhammad Mahmudur Rahman & M Phil Researcher **Md. Hafizur Rahman.**

“Clinical Psychological Assessment and Intervention on Life Difficulties Faced by the Youths: A Community Approach ‘ - Professor Dr. Muhammad Mahmudur Rahman & M Phil Researcher **Saima Akter.**

“Exploring Psycho-Cultural Factors in the Development of Self and Interpersonal Relationships” - Professor Dr. Muhammad Mahmudur Rahman & M Phil Researcher **NishatJahan.**

“Mental Health Literacy among People of Different Socioeconomic Statues in Dhaka City” - Professor Dr. Muhammad Mahmudur Rahman & M Phil Researcher **Tamzid Karim.**

“Neuropsychological Profile of Patients with Schizophrenia Spectrum and other Psychotic Disorders in Bangladesh” - Professor Dr. Muhammad Mahmudur Rahman & M Phil Researcher **Anindita Binte Jahan.**

“Exploring Personal Barriers to Comply with Psychological Treatment among Patients with Neurotic Disorder” - Professor Dr. Muhammad Mahmudur Rahman & M Phil Researcher **Most. Rumana Haque.**

“Exploring Psychosocial factors of Self Harm”- Kamal Uddin Ahmed Chowdhury & M Phil Researcher **TahminaHaque.**

“Psycho-Social Stress and Coping Mechanism among Transgender”- Kamal Uddin Ahmed Chowdhury & M Phil Researcher **Shamsun Nahar.**

“Exploring Stress and Coping Strategies among Adolescents.”-Kamal Uddin Ahmed Chowdhury & M Phil Researcher **Sangitta Kundu.**

“Impact of Parent Training on Behaviour of Children with Conduct Disorder”- Kamal Uddin Ahmed Chowdhury & M Phil Researcher **Simun Nasa.**

“Developing a Community Based Suicide Prevention Program”-Kamal Uddin Ahmed Chowdhury & M Phil Researcher **Shamanta Islam.**

“Exploring Barriers to Effectiveness in Cognitive Behavior Therapy in Bangladesh”-Kamal Uddin Ahmed Chowdhury& M Phil Researcher **Liza Akter.**

“Perceived Stress and Coping among People Living with Amputation”- Kamal Uddin Ahmed Chowdhury & M Phil Researcher **Md. Sazzad Chowdhury.**

“Adaptation of Wechsler Memory Scale Fourth edition (WMS-IV) for Bangladesh”- Dr. M. Kamruzzaman Mozumder & Ph.D Researcher **Md. Zahir Uddin.**

“Nature and Impact of Postpartum Depression on Women’s Life” - Dr. M. Kamruzzaman Mozumder & M Phil Researcher **Mumita Jerin Nilav.**

“Understanding the Development of Core Belief” -Dr. M. Kamruzzaman Mozumder& M Phil Researcher **Tofa Hakim.**

“Exploring Barriers in Seeking Mental Health Services” - Dr. M. Kamruzzaman Mozumder & M Phil Researcher **Fahmida Sultana**.

“Effect of Emotional State on Auditory Misperception”- Dr. M. Kamruzzaman Mozumde & M Phil Researcher **Raihana Sharmin**.

“Exploring illness specific positive beliefs and their influence among patients with anxiety disorder”-Dr. M. Kamruzzaman Mozumder & M Phil Researcher **Madhurima Shaha Hia**.

“Impact of Adverse Childhood Experiences on Adult Mental Health”-Dr. M. Kamruzzaman Mozumder& M Phil Researcher **Md. Aminul Islam**.

“Development of Competencies in Cognitive Behavior Therapy among Graduates of Clinical Psychology in Bangladesh” - Dr. M. Kamruzzaman Mozumder& M Phil Researcher **Chayon Kumar Das**.

“Narratives of Roles among Young Siblings of Children with Mild Intellectual Disability in Bangladesh” -Dr. M. Kamruzzaman Mozumder, Glenda Fredman & M Phil Researcher **Kazi Nisat Ara**.

“Exploring Mental Health Problems and Coping among Street Children”- S.M Abul Kalam Azad & M Phil Researcher **Khadiza Begum**.

“Management of Suicidal Attempts among Teenagers: A Family-Based Approach”-S.M Abul Kalam Azad & M Phil Researcher **Md. AshadujjamanMondol**.

“Development of a Depression Scale for People in Chittagong Hill Tracts”-S.M Abul Kalam Azad & M Phil Researcher **Md. Omar Faruk**.

“Impact of Digital Games on Adaptive Psychological Functioning of Teen-Agers”-S.M AbulKalam Azad & M Phil Researcher **Sajjadur Rahman Khan**.

“Evaluation of Child Sexual Abuse Prevention Services in Bangladesh.”- Dr. Parveen Haque & S.M. Abul Kalam Azad and M Phill Researcher **Mst. Ismat Jerin**.

“Computer Assisted Cognitive Behavior Therapy (CCBT) for Bangladeshi Population”-Mosammat Nazma Khatun & M Phil Researcher **Sirajum Monira**.

“Exploring Male Perspective on Redressing Domestic Violence”- Mosammat Nazma Khatun& M Phil Researcher **Mukti Biswas**.

“Mental Health Status of People in Selected Rural Communities of Bangladesh”- Mosammat Nazma Khatun & M Phil Researcher **Morium Khanum**.

“Sexual Dysfunction among Bangladeshi Married Women”- Mosammat Nazma Khatun& M Phil Researcher **Falguni Rani Das**.

“Application of Interpersonal Acceptance-Rejection Theory Measures in Relational Therapy in Bangladesh”-Mosammat Nazma Khatun & M Phil Researcher **Sharika Tasnim**.

“Displacement and mental health: Rohingya Refugees in Bangladesh” – Mosammat Nazma Khatun & M Phil Researcher **Sayed Shahida Begum**.

“Impact of Congenital Heart Disease among Children’s Psychological Functioning”-Dr. Farah Deeba & MPhil Researcher **Saima Nusrat**.

“Influence of Internet Addiction and Online Interpersonal Relationships on the Quality of Life of Adolescents”-Dr. Farah Deeba & MPhil Researcher **Mst. Moslema Afruzzahan**.

“Developing on Substance Abuse Prevention Program for Adolescents in Bangladesh” -Dr. Farah Deeba & MPhil Researcher **Sharmin Ara**.

“Motivational Factors Enhancing Effective Emotion Regulation among Adolescents”-Dr. Farah Deeba & MPhil Researcher **Rehnuma Pervin Nijhum**.

“Differences in Neuropsychological Profiles among Children who Experienced Different Types of Trauma”-Dr. Farah Deeba & M Phil Researcher **Marzia Al-Hakeem**.

“Use of Chatbot in the Management of Anxiety and Depression of Young People in Bangladesh”-Dr. Farah Deeba & M Phil Researcher **Depon Chandra Sarker**.

“An Exploring of Women’s Psycho-social Consequences after Hysterectomy”- Professor Dr. Parveen Huque & M Phil Researcher **Mownita Nourin**.

“Pattern and Prevalence of Sexual Abuse Experienced by Adults with Disability in Bangladesh”- Supernumerary Professor Dr. Parveen Huque & M Phil Researcher **Aniqa Masnun Torfa**.

“Information processing and psychological mediating factors among children and adolescents with obsessive compulsive disorder”- Supernumerary Professor Dr. Parveen Huque & MPhil Researcher **Sumaya Akter Jakia**.

“Understanding the Stability of Impact of Parenting Training in the Context of Bangladesh”- Supernumerary Professor Dr. Parveen Huque & M Phil Researcher **Farzana Alam**.

“Psychological wellbeing of widows who lost husband at early or middle adulthood”- Supernumerary Professor Dr. Parveen Huque & MPhil Researcher **Shobnom Tehzeeb Tusty**.

Field Work/Practical Training:

All students of the Department are required to conduct internship and placement to different government and non-government organizations to offer mental health care services. These include psychiatry department of different medical hospitals, drug addiction and rehabilitation centers, Student Counselling Centre (TSC).

M.S Skill Training: On 17.09.2020 to 29.10.2020 Skills Training were held for M.S students (session 2020-21) through Zoom platform during Corona Pandemic.

Psychological Assessment Clinic: Psychological assessments are crux of any standard mental health services. Aiming to serve the community people with the best practices of standard services the Clinical Psychology Department of Dhaka University has started a mental health assessment clinic from 1st October 2016. The **Psychological Assessment Clinic** has been started with the financial support of the Australian Government. This clinic provides the following mental health services like: - **General mental health assessment, IQ test, neuro-psychological assessment, personality test, professional aptitude test** are some main areas of assessment services from the clinic. **Dr. Farah Deeba, Nazma Khatun and Jobeda Khatun** are taking care of this project. A psychologist working in this clinic for providing the services. After starting the services we get remarkable responses from mental health services seeker.

Free Mental Health Services: Department of Clinical Psychology, University of Dhaka, has taken the initiative to provide free mental health services through online (WhatsApp) or mobile phones. From April 21, 2021, Trainee Clinical psychologists provided free mental health care (psychotherapy) under the supervision of experienced clinical psychologists. They served 203 people till June. This service is still running.

Observance of the World Mental Health Day 2020:

A day-long program was jointly organized by the Department of Clinical Psychology, University of Dhaka, Bangladesh Clinical Psychology Society and National Trauma Counseling Center, Ministry of Women and Children Affairs on the occasion of the celebration of "World Mental Health Day-2020" on October 10. The theme of this year's World Mental Health Day was '**Mental Health for All: Greater Investment – Greater Access**'. On this occasion, a Webinar and E-dissemination were organized. At 11 am A Webinar on '**Mental Health for All: Lesson from COVID-19**' was held where Honorable State Minister for Women and Children Affairs of the Government of the People's Republic of Bangladesh **Begum**

Fazilatun Nesa Indira, MP graced the chief guest seat at the webinar. She said, ‘We need to increase our investment in mental health, that will bring positive change in individuals, society, and community, and the Government of Bangladesh is committed to ensuring better mental health for all.’

Professor Dr. Md. Akhtaruzzaman, Honorable Vice-Chancellor of the Dhaka University was present as a special guest. According to him, ‘To observe World Mental Health Day we need to attain three target - Mental health education, mental health awareness and efforts to eliminate prejudices about mental health.’ The key-note speaker of this webinar was **Mosammat Nazma Khatun**, Chairman and Associate Professor, Department of Clinical Psychology, University of Dhaka.

Online Psychotherapy: Difficulties and How to Overcome: On 07 December 2020, ‘Online Psychotherapy: Difficulties and How to Overcome’ training for MS Students (Session 2020-21) was conducted by Dr. M. Kamruzzaman Mozumder, Associate Professor, Department of clinical Psychology.

Training on Understanding Number and explanation of Test: On 11 February 2021, ‘Understanding Number and explanation of Test’ training for MS Students (Session 2020-21) was conducted by Dr. M. Kamruzzaman Mozumder, Associate Professor, Department of clinical Psychology.

Training on Sex Therapy: On 18 February 2021, ‘Sex Therapy’ training for MS Students (Session 2020-21) was conducted by Dr. M. Kamruzzaman Mozumder, Associate Professor, Department of clinical Psychology.

Training on Suicide Risk Assessment and Prevention: On 04 March 2021, ‘Suicide Risk Assessment and Prevention’ training for MS Students (Session 2020-21) was conducted by Dr. M. Kamruzzaman Mozumder, Associate Professor, Department of clinical Psychology.

Training on Cognitive Formulation (part-1): On 19 April 2021, ‘Cognitive Formulation (part-1)’ training for MS Students (Session 2020-21) was conducted by Dr. M. Kamruzzaman Mozumder, Associate Professor, Department of clinical Psychology.

Training on Cognitive Formulation (part-2): On 21 April 2021, ‘Cognitive Formulation (part-1)’ training for MS Students (Session 2020-21) was conducted by Dr. M. Kamruzzaman Mozumder, Associate Professor, Department of clinical Psychology.

MS Advance Skills Training: On 24.05.2021 to 18.07.2021 20 days long Advance Skills Training was held for M.S students (session 2020-21) through Zoom platform during Corona Pandemic.

Training on SFT (Systemic Family Therapy): On 20 May to 07 June 2021, Six day long ‘SFT (Systemic Family Therapy)’ training for Departmental Students was conducted by Dr. M. Kamruzzaman Mozumder, Associate Professor, Department of clinical Psychology and other Senior Clinical Psychologists.

Activity of Nasirullah Psychotherapy Unit:

Nasirullah Psychotherapy Unit (NPU) is a program of Department of Clinical Psychology, University of Dhaka which is serving as a laboratory of the Department since 2013. It is providing mental health services effectively and successfully under the direct supervision and monitoring from the Department. From the beginning NPU is providing top quality mental health related services toward all community people as well as the students of the University of Dhaka, at an affordable cost. With the vision of establishing psychotherapy society in the country NPU is constantly working by offering psychotherapy services and arranging training, workshop, seminar, conferences and awareness programs on mental health. The program got huge acceptance within mass people by creating accessibility for all classes of people and people from different parts of the country. The unit also actively collaborates with different Government and Non-government organizations to offer mental health related training, workshops, develop mental health training modules and provide training accordingly.

Nasirullah Psychotherapy Unit (NPU), the laboratory of the Department of Clinical Psychology, University of Dhaka, provided regular counseling and psychotherapy services to community people in the last academic year July 2020 to June 2021 amidst the covid-19 pandemic through online consultation. The center was able to deliver psychotherapy service to 550 clients who asked for the service and total numbers of individual sessions offered were 1561 in the last academic year. This psychotherapy provided by 7 psychologists who work as part time psychologists. Recently, NPU initiated Family and Couple therapy clinic which generated huge interest for couples who are looking for couple therapy in Bangladesh. NPU is currently working on two projects in collaboration with WINROCK International and ADD International with the focus on providing training to mental health community workers, creating awareness among different levels of population and carrying out mental health related research. Several training and awareness workshops are being carried out under these projects at Dhaka, Chattogram, Jashore and Bagerhat. A Baseline survey research and a Need Assessment research on mental health were conducted under these programs. NPU also published a directory of mental health professionals in Bangladesh and planning to publish an Information, Education and Communication [IEC] material on adult and children and youth's mental health in January 2022.

Publications

1. Khaleque A., Deeba F. & Banoo N. (2021) Worldwide Implications of Multiple Acceptance and Rejection on the Psychological Adjustment and Maladjustment of Children and Adults: A Global Multi-Cultural Study. *Clinical Medical Reviews and Reports* 4(5); DOI: 10.31579/2690-8794/079.
2. Paul, A., Sikdar, D., Hossain, M. M., Amin, M. R., Deeba, F., Mahanta, J., Javed, M. A., Islam, M. M., Noon, S. J. & Nath, T. K. (2020). Knowledge, attitudes, and practices toward the novel corona virus among Bangladeshis: Implications for mitigation measures. *PloS one*, 15(9), e0238492.

3. Ara, J. & Deeba, F., (2020) Clinical Experiences of CBT Practitioner in Bangladesh. *Journal of Psychiatry*, 23:472. doi: 10.35248/2378- 5756.20.23.472.
4. Griffin, A., Deeba, F., Dennison, T., & Moore, A. (2020). Perspectives on neuropsychology and clinical care in paediatric and adolescent medicine. *Clinical child psychology and psychiatry*, 25(3), 687-697.
5. Mozumder, M. K. (2019). Normative data on Bangla versions of the Beck Hopelessness Scale, the Perceived Stress Scale, and the General Health Questionnaire. *Bangladesh Psychological Studies*, 29, 43-58.
6. Azad, S.M.A.K. (2021). Adaptation of the Quality of Life in Autism Scale for use in Bangladesh. *Bioresearch Communications*, Volume 7, Issue 1, 960-966.
7. Faruk , M. O., Ching, U. ; and Chowdhury, K. U.A. (July, 2021) Mental Health and Well-being of Indigenous People during the COVID-19 Pandemic in Bangladesh .*Heliyon*, Volume 7, Issue 7, E 07582, <https://doi.org/10.1016/j.heliyon.2021.e07582>
8. Faruk , M. O. ; Alam, F. ; Chowdhury, K. U.A. and Soron, T. R. (July, 2021) “Validation of the Bangla WHO-5 Well-being Index” . *Global Mental Health*, Volume 8, e26 1-7, ISSN: 2054-4251, <https://doi.org/10.1017/gmh.2021.26>

Department of Genetic Engineering and Biotechnology (2000)

Chairman

Professor Dr. Sabina Yeasmin

Professor

(1) Md. Aftab Uddin, M.Sc., Ph.D. (Tokyo); (2) Sharif Akhteruzzaman, M.Sc., Ph.D. (Tokyo); (3) Md. Anwarul Azim Akhand, M.Sc., Ph.D. (Nagoya); (4) Mohammed Nazmul Ahsan, M.Sc., Ph.D. (Hokkaido); (5) Sabina Yeasmin, M.Sc., Ph.D. (Osaka); (6) Jesmin, M.Sc. Ph.D (London); (7) Abul Bashar Mir Mohammad Khademul Islam, M.S, M.Sc (Yamaguchi), Phd, (Pompeu Febra).

Associate Professor

(1) Mr. Md. Miraj Kobad Chowdhury, M.Sc. (Canada); M.S.; (2) Abu Ashfaqur Sajib, M.S., Ph.D. (Manchester); (3) Mohammad Shahnur Hossain, M.S. PhD (Cansas) [on leave].

Assistant Professor

(1) S.M. Mahbubur Rashid, M.S., PhD (Manchester); (2) Nilanjana Paul, M.S. [on leave]; (3) Mr. Md. Riajul Hossain, M.S. (on leave); (4) Mustak Ibn Ayub, M.S. PhD (London); (5) Tarana Sharmin, M.S. (on leave); (6) Tasnim Ahmed, M.S., MS (Sweden); (7) Mr. Ahmed Faisal Sumit, M.S. [on leave].

Lecturer

(1) Mr. Proyash Roy [on leave]; (2) Saadlee Shehreen [on leave]; (3) Abira Khan, M.S.; (4) Tomalika Rahmat Ullah, M.S. [on leave]; (5) Mr. Md. Mahmudul Hasan Akash, M.S.; (6) Mr. Md. Wahid Murad, M.S.

Part-Time Teacher

(1) Prof. Dr. Amal Krishna Halder; (2) Prof. Dr. Ishtiaque M. Syed; (3) Prof. Dr. Md. Shoyaib; (4) Prof. DR. Jalal Uddin Chowdhury, PhD; (5) Dr. Bujoy Lal Basu.; (6) Dr. Mohaimen Mansur.

Number of Students

Class	Session	Student Number
1 st year B.S. (Hons.)	2020-2021	Admission process is in progress
2 nd year B.S. (Hons.)	2020-2021	18
3 rd year B.S. (Hons.)	2020-2021	20
4 th year B.S. (Hons.)	2020-2021	19

M.S (Thesis)	2020-2021	Admission activities have not started
M.S (Non-Thesis)	2020-2021	Admission activities have not started
PhD	2020-2021	06
Mphil	2020-2021	01
		Total Student = 64

Examination Result: Letter Grading System

Year & Class	No. of Examinees	GPA										Passed	Percentage of pass
		A+	A	A-	B+	B	B-	C+	C	D	D		
M.S. 2020	19											-	Result not released
4 th year B.S.(Hons.) 2020	19											-	Result not released
3 rd year B.S.(Hons.) 2020	19												Result not released
2 nd year B.S.(Hons.) 2020	20	6	3	4	3	3	1	-	-	-	20	100%	
1 st year B.S.(Hons.) 2020	18											-	Result not released

Co-Curriculum/Extra-Curriculum Activities

- 1) DNA Day: DNA Day is celebrated through various programs.
- 2) **Scientific Seminar Session:** Regular Scientific seminars are arranged by the 'Genetic Engineering and Biotechnology Club' (GEBC) formed by the students of this Department. Distinguished scholars/teachers/researchers working at local and foreign Universities and Research Institutions participate and present their research works in these seminars.

3) **Student Outreach Program:** Student Outreach Program is organized regularly in department premises by GEBC, where students of different schools and colleges from all over the country participate to gain recent knowledge of sciences.

4) **Science Publication:** The GEBC club yearly publishes a scientific magazine named “Biogen”.

5) **Other Activities:** Every year the fresher’s and graduate reception ceremony is organized by the Department. On this occasion the Honorable Vice Chancellor and Pro-Vice Chancellor of the University, Dean of Biological Sciences Faculty, Chairpersons of different Departments, teachers of the Department, students of all years and staffs of the Department are present. Students of this Department participate in the inter-departmental Football, Cricket, Basketball and other competitions every year arranged by the University. Also, indoor games are organized by the Department. Moreover, all the students, teachers and staffs participate in annual picnic.

Research Activities:

1. Professor Dr. Md. Aftab Uddin is doing research on identification of novel bioactive compounds from plants, insects and plant endophytes and also doing research on finding Molecular basis of the pelviureteric junction obstruction in children with hydronephrosis, genetic basis of lung cancer and thyroidism.
2. Professor Dr. Sharif Akhteruzzaman is doing research on Forensic DNA Analysis, Molecular Diagnosis and Population Genetics.
3. Professor Dr. Md. Anwarul Azim Akhand is doing research on Intracellular Signal Transduction Mechanism. Presently he is trying to identify the signaling pathway triggered by the toxic effects of arsenic, chromium and other heavy metals. He is also doing research in developing bioremediation process for heavy metal toxicity. In addition, he is trying to assess the relation between hearing impairment and diabetes or tobacco products.

4. Professor Dr. Mohammed Nazmul Ahsan is doing research on chromium and other heavy metal toxicity and related diseases caused by these heavy metals. He is also doing research in different aspects of Microbiology and Molecular Biology.

5. Professor Dr. Sabina Yeasmin is doing research on Molecular Biology basically polymorphism of genetic disorders in Bangladeshi population.

6. Professor Dr. Jesmin is doing research on Gene regulators network (GRN) analysis of diseases Mechanisms; especially type 2 Diabetes, Dengue fever.

7. Dr. Abul Bashar Mir Md. Khademul Islam is doing research on Epigenetics mechanism of human disease using bioinformatic approach.

8. Mr. Md. Miraj K Chowdhury is currently engaged in Medical Genetics of Diseases and Microbial Biotechnology (Industrial and Environmental) and Molecular Biology. His research particularly focuses on: (i) Pharmacognostic studies of *Oxalis corniculata* leaf extracts. (ii) Consequences of oxidative stress on mitochondrial genome. (iii) Isolation of osmophilic yeast from honey and cellulytic fungi for the production of bioethanol. (iv) Biotechnological applications of weeds. (v) DNA barcoding of fishes of Bangladesh.

9. Dr. Abu Ashfaqur Sajib is involved in molecular biotechnology related research.

10. Dr. Mohammad Shahnoor Hossain is conducting research on development of novel antimicrobial agents against multidrug resistant bacteria. He is also doing research on Bacterial pathogenesis and characterization of oral microbial communities. Recently, Dr. Hossain has started work on molecular genetics of rare genetic disorders and understanding the molecular basis of Type II diabetes and polycystic ovaries disease by gene expression analysis.

11. Mr. S M Mahbubur Rashid is conducting his research in the field of Stem cell biology, Diabetes, Congenital Hyperinsulinism, Pancreatic cancer, Molecular oncology and Haemophilia. In addition he is

working in computation biology discipline which includes Bioinformatics, Next Generation Sequencing data, RNA-Seq data and Microarray data analysis.

12. Nilanjana Paul is doing research on Molecular Biology and Biotechnology.
13. Mr. Md. Rijul Hossain is conducting research on Yeast genetics and Molecular biology.
14. Dr. Mustak Ibn Ayub is doing research Colorectal Cancer, Epigenetics, Molecular Oncology, Stem Cell Biology, Drug Design, Data Science.
15. Mr. Proyash Roy is conducting research on – (i) Chromium biosorption efficiency of leaves from different native plant species (ii) Determination of the prevalence of color blindness and molecular characterization of the associated genes in Bangladeshi young.
16. Ms. Saadlee Shehreen is conducting research on – (i) Chromium biosorption efficiency of leaves from different native plant species (ii) Determination of the prevalence of color blindness and molecular characterization of the associated genes in Bangladeshi young.
17. Tarana Sharmin is doing research on assessing the quality of commercially available baker's yeast strains in Bangladesh and development of a better strain through by bridization and genetic alteration.
18. Tasnim Ahmed is doing research on (i) A comparative study on Indole acetic acid level in plant , (ii) Identification and characterization of PGPR from different plants.
19. Abira Khan is conducting research on: Determination of the antimicrobial effects and alkaloid contents of Bangladeshi plants.
20. Mr. Ahmed Faisal Sumit is currently doing research on microbiology and different public health issues related to genetics, medicine and food. His current research focuses on 1) Association between respiratory diseases and different factors including occupational exposure, biomass exposure, and smoking 2) knowledge, attitude and

practices regarding genetically modified foods among the Bangladeshi subjects. 3) Microbiological analysis of cosmetic products.

21. Tomalika Rahmat Ullah is doing research Type-2 Diabetes, Polymorphism Analysis, Venom proteomics of Bangladeshi Cobra (*Naja naja*).

Research Article

1. M. Aftab Uddin, Shammi Akter, Mahbuba Ferdous, Badrul Haidar, Al Amin, A. H. M. Shofiul Islam Molla, Haseena Khan, Mohammad Riazul Islam. A plant endophyte *Staphylococcus hominis* strain MBL_AB63 produces a novel lantibiotic, homicorcin and a position one variant. *Sci Rep* 11, 11211 (2021). ISSN 2045-2322
2. Md Mahamud Hasan, Md Hadisur Rahman and Sharif Akhteruzzaman : Genetic polymorphism and phylogenetic analysis of 15 autosomal STR markers in Santal indigenous population of Bangladesh, *Bioresearch Communications* , vol.7 , no.2 , pp.1004-1009 , 2021 .
3. Shamima Akter, Hossain Uddin Shekar and Sharif Akhteruzzaman : Application of Biochemical Tests and Machine Learning to Diagnose and Evaluate Liver Disease, *Advances in Bioscience and Biotechnology* , vol.12 , pp.154-172 , 2021 .
4. Abu Sufian, Ashish Kumar Majumder, M Abu Taher, Md Abdul Khaleque, Sharif Akhteruzzaman and Kazi Nadim Hasan : The predominance of Hepatitis C Virus Genotypes and Its Association with the Viral Load in Bangladeshi Population, *Bioresearch Communications* , vol.7 , no.1 , pp.955-959 , 2021 .
5. Mohammad Shamir Montazid, Abu Ashfaqur Sajib, Kazi Nadim hasan, Md Abdul Khaleque, Mizanur Rahman and Sharif Akhteruzzaman : Multiplex allele-specific detection of clinically important CYP2C19 variants associated with clopidogrel metabolism in a Bangladeshi population sample, *Meta Gene* , vol.27 , 2021 .
6. Shayan Shahriar, Tamim Ahsan, Abira Khan, Sharif Akhteruzzaman, Shadlee Shehreen and Abu Ashfaqur Sajib : Aspartame, acesulfame K

- and sucralose- influence on the metabolism of E. Coli., *Metabolism Open* , 2020 .
7. Hasan N, Ahsan N, Bari L and Akhand AA. 2021. Remedial Effects of Homeopathic Medicine in Chronic Suppurative Otitis Media-Related Implications. *Bioresearch Communication*. 7 (2): 982-989.
 8. Nazmul Ahsan, Monzilur Rahman, Md. Nazrul Islam and Anwarul Azim Akhand. 2021. Isolation and Characterization of Multidrug Resistant Enterobacteriaceae in Urine Sample of Patients Suffering from Urinary Tract Infection with Diabetes and Nephropathy. *Dhaka Uni J Pharm Sci*. 20(1): 87-93.
 9. Datta SK, Saha T, Sanzida NJ, Ahmed S, Akhand AA and Ahmed S. 2020. New Distributional Record of Hasselt's Bamboo Shark *Chiloscyllium hasseltii* (Orectolobiformes: Hemiscylliidae) from Bangladesh Waters. *An International Journal of Marine Sciences* (2020) 36:291–295. DOI: <https://doi.org/10.1007/s41208-020-00237-5>.
 10. Hossain Z, Sanzida N, Akhand AA, Ahmed S. 2021. DNA barcoding of threatened fishes of Bangladesh. *Bioresearch Communication*. 7 (2): 990-998.
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 12. Md Abdullah-Al-Kamran Khan, Rafeed Rahman Turjya and Abul Bashar Mir Md Khademul Islam : Computational engineering the binding affinity of Adalimumab monoclonal antibody for designing potential biosimilar candidate, *Journal of Molecular Graphics and Modelling* , vol.102 Elsevier , pp.107774 , 2021 .
 13. Md Sajedul Islam and Abul Bashar Mir Md Khademul Islam : Viral miRNAs confer survival in host cells by targeting apoptosis related host genes, *Informatics in Medicine Unlocked* , vol.22 Elsevier , pp.100501 , 2021 .
 14. Abul Bashar Mir Md Khademul Islam, Md Abdullah-Al-Kamran Khan, Rasel Ahmed, Md Sabbir Hossain, Shah Md Tamim Kabir, Md Shahidul Islam and AMAM Zonaed Siddiki : Transcriptome of nasopharyngeal samples from COVID-19 patients and a comparative analysis with other SARS-CoV-2 infection models reveal disparate host responses against SARS-CoV-2, *Journal of Translational Medicine* , vol.19 , no.1 Springer , pp.1--25 , 2021 .
 15. Shahana Sharmin, Fatima Tuj Zohura, Md Sajedul Islam, Anika Shimonty, Md Abdullah-Al-Kamran Khan, Rehana Parveen, Foujia Sharmin, Chowdhury Rafiqul Ahsan, Abul Bashar Mir Md Khademul Islam and Mahmuda Yasmin : Mutational profiles of marker genes of cervical carcinoma in Bangladeshi patients, *BMC cancer* , vol.21 , no.1 BioMed Central , pp.1--13 , 2021 .
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20. Rokeya Begum, Abu Ashfaqur Sajib, ABM Khademul Islam, Suprovath Kumar Sarker, Mohammad Sazzadul Islam, Narayan Saha, Kaiissar Mannoor, Firdausi Qadri and Sharif Akhteruzzaman : MUT gene variants in patients with methylmalonic acidemia in Bangladeshi population and their distinguishing metabolic profiles, *Meta Gene* , vol.30 Elsevier , pp.100954 , 2021 .
21. Md Khan, Md Sany, Rabi Us, Md Islam, Abul Bashar Mir Md Islam and others : Epigenetic regulator miRNA pattern differences among SARS-CoV, SARS-CoV-2, and SARS-CoV-2 world-wide isolates delineated the mystery behind the epic pathogenicity and distinct clinical characteristics of pandemic COVID-19, *Frontiers in genetics* , vol.11 Frontiers , pp.765 , 2020 .
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23. Majd M Ariss, Alex Terry, er R, Abul BMMK Islam, Nissim Hay and Maxim V Frolov : Amalgam regulates the receptor tyrosine kinase pathway through Sprouty in glial cell development in the *Drosophila* larval brain, *Journal of cell science* , vol.133 , no.19 The Company of Biologists Ltd , pp.jcs250837 , 2020 .
24. Xinyu Chen, Majd M Ariss, Gopalakrishnan Ramakrishnan, Veronique Nogueira, Catherine Blaha, William Putzbach, Abul BMMK Islam, Maxim V Frolov and Nissim Hay : Cell-autonomous versus systemic Akt isoform deletions uncovered new roles for Akt1 and Akt2 in breast cancer, *Molecular Cell* , vol.80 , no.1 Elsevier , pp.87--101 , 2020 .
25. Abul Bashar Mir Md Khademul Islam, Eusra Mohammad and Md Abdullah-Al-Kamran Khan : Aberration of the modulatory functions of intronic microRNA hsa-miR-933 on its host gene ATF2 results in type II diabetes mellitus and neurodegenerative disease development, *Human genomics* , vol.14 , no.1 BioMed Central , pp.1--11 , 2020 .
26. Rafeed Rahman Turjya, Md Abdullah-Al-Kamran Khan and Abul Bashar Mir Md. Khademul Islam : Perversely expressed long noncoding RNAs can alter host response and viral proliferation in SARS-CoV-2 infection, *Future Virology* , vol.15 , no.9 Future Medicine , pp.577--593 , 2020 .
27. Abul Bashar Mir Md Khademul Islam and Md Abdullah-Al-Kamran Khan : Lung transcriptome of a COVID-19 patient and systems biology predictions suggest impaired surfactant production which may be druggable by surfactant therapy, *Scientific reports* , vol.10 , no.1 Nature Publishing Group , pp.1--16 , 2020 .
28. Md Abdullah-Al-Kamran Khan and Abul Bashar Mir Md Khademul Islam : SARS-CoV-2 proteins exploit host's genetic and epigenetic mediators for the annexation of key host signaling pathways that confers its immune evasion and disease pathophysiology, *bioRxiv Cold Spring Harbor Laboratory* , 2020 .
29. Sabrina Samad Shoily, Tamim Ahsan, Kaniz Fatema, Abu Ashfaqur Sajib: Common genetic variants and pathways in diabetes and associated complications and vulnerability of populations with different ethnic origins, *Scientific Reports*, 11, 2021.
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- Akhteruzzaman: Multiplex allele-specific detection of clinically important CYP2C19 variants associated with clopidogrel metabolism in a Bangladeshi population sample, *Meta Gene*, 27, 2021.
32. Suravi Akhter, Sadia Sharmin, Sumon Ahmed, Abu Ashfaqur Sajib and Mohammad Shoyaib: mRelief: A reward penalty based feature subset selection considering data overlapping problem, *Computational Science – ICCS 12742*, 2021.
 33. Mauricio Di Fulvio, Marika Bogdani, Myrian Velasco, Timothy S. McMillen, Cecilia Ridaura, Lisa Kelly, Mohammed M. Almutairi, Shams Kursan, Abu A. Sajib, Marcia Hiriart, Lydia Aguilar-Bryan: Heterogeneous expression of CFTR in insulin-secreting β -cells of the normal human islet, *PLoS ONE*, 15, 2020.
 34. Shayan Shahriar, Tamim Ahsan, Abira Khan, Sharif Akhteruzzaman, Shadlee Shehreen and Abu Ashfaqur Sajib: Aspartame, Acesulfame K and Sucralose- influence on the metabolism of *Escherichia coli*, *Metabolism Open*, 8, 2020.
 35. Sumaiya F. Khan, Mahmuda Akter, Shayan Shahriar, Amzad Hossain, Abu Sajib: MTHFR rs1801133 polymorphism in Bangladeshi population- its prevalence and detection, *AsPac J. Mol. Biol. Biotechnol.*, 28, 2020.
 36. Md. Mahbub Hasan, Rasel Das, Md. Rasheduzzaman, Md. Hamed Hussain, Nazmul Hasan Muzahid, Asma Salauddin, Meheadi Hasan Rumi, S.M. Mahbubur Rashid, AMAM Zonaed Siddiki and Adnan Mannan : Global and local mutations in Bangladeshi SARS-CoV-2 genomes, *Virus Research (impact factor:2.934)* , vol.297 , no.C , pp.198390 , 2021 .
 37. A. Mannan, H.M.H. Mehedi, N.U.H.A. Chy, Md. O. Qayum, F. Akter, M.A. Rob, P. Biswas, S. Hossain, M. Ibn Ayub. **A multi-centre, cross-sectional study on coronavirus disease 2019 in Bangladesh: clinical epidemiology and short-term outcomes in recovered individuals.** *New Microbes and New Infections, Volume 40, 2021, 100838, ISSN 2052-2975, <https://doi.org/10.1016/j.nmni.2021.100838>.*
 38. Md. Rubel Al Mamun, Tasnim Ahmed, Md. Selim Aktar Reza, Md. Hasanur Rahman: Phytochemical Investigation, Fatty Acid Analysis and In Vitro Membrane Stabilizing Activity of the Roots of *Amaranthus spinosus* L. *The Dhaka University Journal of Science 69 (1) February 2021, Dhaka.*
 39. Sumit AF, Sharmin T, Ahmed T: Evaluation of the *in vitro* Antimicrobial Activity As well As Preservative Capacity of Several Popular Cosmetic Products Available in the Neighbouring Shops in Bangladesh. *Mymensingh Medical Journal: MMJ. 30 (2) April 2021, Dhaka.*
 40. Kobirul Islam, Tasnim Ahmed and Tarana Sharmin: In Vitro Growth of Sunflower (*Helianthus annuus*) via Direct Organogenesis. *American Journal of Pure and Applied Biosciences 3(3), June 2021*
 41. Shayan Shahriar, Tamim Ahsan, Abira Khan, Sharif Akhteruzzaman, Saadlee Shehreen, Abu Ashfaqur Sajib. Aspartame, acesulfame K and sucralose- influence on the metabolism of *Escherichia coli*. *Metabolism Open*, 8 (2020), 100072. ISSN: 2589-9368
 42. Abira Khan, Shammi Akter, Md. Aftab Uddin. Detection and primary analysis of antibacterial activity in the ethyl acetate extract of *Lantana camara* L. leaves. *Mymensingh Medical Journal*. (Accepted for publication). ISSN: 1022-4742 eISSN: 2408-8757

Department of Educational and Counselling Psychology (2011)

Chairperson

Zinnatul Borak, (since 01.07.2021)
Dr. Mahjabeen Haque (upto 30.06.2021)

Professor

(1) Shaheen Islam, MSc, Ph.D.; (2) Mahjabeen Haque, MSc, Ph.D.

Assistant Professor

(1) Zinnatul Borak, MS in Counselling Psychology; (2) Nafiza Ferdowshi, MS, M.Phil in Special Needs Education (Norway); (3) Md. Azharul Islam, Ph.D. (Australia); (4) Umme Kawser, M.S. in Educational Psychology, MPhil in Educational Psychology; (5) Roufun Naher, M.S. in Counselling Psychology.

Part-Time Teacher

(1) Parveen Huque, M A, Ph.D; Mehtab Khanam MSc, Ph D (India); (2) Shirin Zaman Munir, M A, MS Special Education (USA), Ph D; (3) Lipy Gloria Rozario, Hon's (Italy), M.A. (USA), Ph.D.

Honorary Professor

Professor Shamim Firdaus Karim, MA, MSc (UK), Ph D (India).

Number of Students

Course	Session	Number of Students			Passed
		Male	Female	Total	
MS Educational Psychology	2020-2021	4	11	15	Results not published
MS Counselling Psychology	2020-2021	5	10	15	Results not published
M Phil Educational Psychology	2020-2021	-	-	-	
M Phil Counselling Psychology	2020-2021	-	3	3	1 st Part Exam completed

Dr. Shaheen Islam, Professor Publications

1. Shaheen Islam, Mostak Ahmed Imran, Hasibul Alam, Rashed Ibne Noor, and Asmaullah Asad (2021) *Psychological Profile of Rickshaw Pullers: Identifying Factors for Change*, Bangladesh Psychological Studies, 2021, V-31, 37-44

2. Shahina Akter, Shaheen Islam, Md Reza A Rabby, (2021) *Prevalence of anxiety and depression among cancer patients in a community hospitals of Bangladesh*, Archives of NIMH, vol 4(2), 32-39

Dr. Md. Azharul Islam, Assistant Professor Publications

1. Islam, A., & Haque, S. (2021). *Living in history effect in the dating of important autobiographical memories*. *Memory & Cognition*. <https://doi.org/10.3758/s13421-021-01250-6>
2. Islam, A., & Haque, S. (2021). *Probing the self-defining period in memories of the Bangladesh independence war generation*. *Memory*, 1-12. <https://doi.org/10.1080/09658211.2021.1978500>
3. Islam, A., & Haque, S. (2021). *Construction and validation of a generational identity scale on Bangladeshi older adults*. *Frontiers in Psychology*, 12. <https://doi.org/10.3389/fpsyg.2021.703237>
4. Islam, A., Sheppard, E., Conway, M. A., & Haque, S. (2021). *Autobiographical memory of war veterans: A mixed-studies systematic review*. *Memory Studies*, 14(2), 214-239. <https://doi.org/10.1177/1750698019863152>
5. Ferdous, J., Roy, K., & Islam, A. (2020). *Adaptation of Comprehensive Child Maltreatment Scale (CCMS) for Adults in Bangladeshi Context*. *Bangladesh Psychological Studies*, 30, 25-28.

Nafiza Ferdowshi, Assistant Professor Publications

1. Ferdowshi, N. & Pervin. M. M. (2021). *The influence of mothers' perception and contextual factors on positive interaction in early childhood*. *Bangladesh Psychological Studies*, 30, pp.

Umme Kawser, Assistant Professor**Publications**

1. Umme Kawser, Tahneena Mehreinn, Rajon Das Jony and Muhtasabbib Matin : *Evaluation of a school-based self-esteem intervention program for adolescents*, Dhaka University Journal of Biological Sciences , vol.30 , no.2 Faculty of Biological Sciences , pp.197-205, 2021.

Roufun Naher, Assistant Professor**Publications**

1. Roufun Naher, MD. Reza-A-Rabby and Feroz Sharif : *Validation of Patient Health Questionnaire-9 for Assessing Depression of Adults in Bangladesh*, The Dhaka University Journal of Biological Science , vol.30 , no.2 , pp.275-281 , 2021 .
2. Roufun Naher, Mamun Al Mahtab, Sheikh Mohammad Fazle Akbar and Nurul Islam Hasib : *COVID-19 Pandemic: Mental Health of Doctors in Bangladesh*, Acta Scientific Neurology (impact factor:0.844) , vol.4 , no.4 , pp.39-43 , 2021 .

Department's Activities:

- In the 2020-2021 session, 30 students have been admitted in the professional MS course along with 3 research fellows doing M.Phil.
- June, 2020-July, 2021: A total of 991 counseling services have been provided through the Psychological Services of this department.

Workshops/Seminars/Trainings/Webinars etc. organized from 01.07.2020 to 30.06.2021

Date	Topic	Key Speaker	Media
13.07.2020	Women's Security and Mental health in digital platform coping with COVID-19	Professor Dr. Mahjabeen Haque Department of Educational and Counselling Psychology	Live Session

20.07.2020	Mental Care of Elderly	Professor Dr. Mahjabeen Haque Department of Educational and Counselling Psychology	Online Platform
07.08.2020	Mental protection and mental illness	Professor Dr. Mahjabeen Haque Department of Educational and Counselling Psychology	Online Platform
07.08.2020	Puppet or Therapist: Role of Drama therapy on Child Psychotherapy.	Elisa Fontana, Play therapist, Educator, Story teller and Research Assistant at Roehampton University	Webinar
10.09.2020	Suicide Prevention Day 2020	Professor Dr. Mahjabeen Haque Department of Educational and Counselling Psychology	Facebook Live
10.10.2020	World Mental Health Day 2020	Professor Dr. Mahjabeen Haque Department of Educational and Counselling Psychology	Facebook Live

Faculty of Pharmacy (1995)

Pharmacy is a specialized professional subject which is directly related to health services. The University of Dhaka took the first initiative for providing competent pharmacists to fulfill the health requirements of the peoples of Bangladesh by producing quality drugs and medicines in Private and Government sectors. As a result, a three-year B. Pharm. (Hons.) course was introduced in 1964 and a one year M. Pharm. course was started in 1968. Later on, the four-year B. Pharm. (Hons.) course was introduced in 1996. The Faculty of Pharmacy started functioning since 1995 to meet the increasing demand of qualified pharmacists in home and abroad due to rapid growth of this sector in the national and international area. According to a decision of the Dhaka University Syndicate in 2003, the Department of Pharmacy under the Faculty of Pharmacy was abolished and the four year Bachelor of Pharmacy (Hons.) course was taken under the direct control of the Dean of the Faculty. Three departments namely, Department of Pharmaceutical Chemistry, Department of Clinical Pharmacy & Pharmacology and Department of Pharmaceutical Technology were established for conducting Master's (M. Pharm.) courses. However, from 2010-2011 session Faculty of Pharmacy started five year Bachelor of Pharmacy professional Program. According to the syndicate decision (25.5.2014), Department of Pharmacy revived again in 2014. Therefore, now there are four departments under the Faculty of Pharmacy. At present the total number of teachers in this faculty is 70 of which 19 teachers are on leave.

The Government Homoeopathic Medical College, Bangladesh Homoeopathic Medical College and the Government Unani & Ayurvedic Medical College also remain as the constituent colleges under the Faculty of Pharmacy.

According to the Statute of the University (modified by the senate meeting held on 26/06/2008), the Chairman & the Professors of all the Departments of the Faculty of Pharmacy; Deans of the Faculty of Sciences, Biological Sciences & Medicine; Post Graduate Medical Sciences & Research; Director General of Health Services; Director General of Drug Administration; Director of Institute of Nutrition & Food

Science (INFS), University of Dhaka; Chairman of the Department of Chemistry, Biochemistry & Molecular Biology, Microbiology of University of Dhaka and the Chairman of the Department of Pharmacy of Rajshahi University, Jahangirnagar University and the Chairman, Department of Pharmacology, BSMMU are members of the Faculty Committee. Two renowned pharmacists Mr. M. Mosaddek Hossain, Managing Director, UniMed UniHealth Ltd. and Mr. Abdul Muktadir, Managing Director, Incepta Pharmaceuticals Ltd. are also the members of the Faculty Committee nominated by the Honorable Vice Chancellor.

From the very beginning, the Faculty of Pharmacy has been playing active roles in the overall academic activities of the University. Currently Professor Dr. S. M. Abdur Rahman has been serving as the Dean of the Faculty of Pharmacy since 19 January, 2017.

Broadband internet service has been connected to the Computer Laboratory for the students and to the computers of the teachers as well. The students and the teachers of the Faculty are getting opportunity to use the internet facilities round the clock. The Faculty also maintains its own webpage (www.pharmadu.net). All sorts of information relevant to education and research of the Faculty are available there.

The Faculty has been regularly publishing a peer reviewed biannual scientific journal entitled "*The Dhaka University Journal of Pharmaceutical Sciences*". Original and informative research articles in various areas of pharmaceutical sciences are published in this journal. It is a research journal of the University of Dhaka, which is also available through online (www.dujps.com). Now Emeritus Professor Dr. A. K. Azad Chowdhury, Department of Clinical Pharmacy & Pharmacology is the editor of this journal.

The Faculty of Pharmacy regularly organize seminars. In these seminars teachers and researchers of different universities from home and abroad and pharmacists working in renowned pharmaceutical companies used to present their research papers, ideas and experiences.

Department of Pharmacy (1964/2014)

Pharmacy is a specialized professional subject which is directly related to health services. The University of Dhaka took the first initiative for providing competent pharmacists to fulfill the health requirements of the people of Bangladesh by producing quality drugs and medicines in Private and Government sectors. As a result a three year B. Pharm. (Hons.) course was introduced in 1964 and a one year M. Pharm. course began in 1968. Later on, the four year B. Pharm. (Hons.) course was introduced in 1996. The Faculty of Pharmacy started functioning since 1995 to meet the increased demand of qualified pharmacists at home and abroad due to rapid growth of this sector in the National and International area. According to a decision of the Dhaka University Syndicate in 2003, the Department of Pharmacy under the Faculty of Pharmacy was abolished and the four year Bachelor of Pharmacy (Hons.) course was taken under the direct control of the Dean of the Faculty. Again in May 2014 Hon'ble High Court gave permission to reopen Pharmacy Department under which B. Pharm. (Hons.) course was transferred to the Chairman of this Department. Now, there are three Departments namely, Department of Pharmaceutical Chemistry, Department of Clinical Pharmacy & Pharmacology and Department of Pharmaceutical Technology, which are offering postgraduate courses. From the 2010-2011 session Pharmacy Faculty started five year professional Bachelor of Pharmacy Program.

Broadband internet service has been connected to the Computer Laboratory for the students and to the computers of the teachers as well. The students and the teachers of the Faculty are getting opportunity to use the internet facilities round the clock. The Department also maintains its own webpage (www.pharmacy.du.ac.bd). All sorts of information relevant to education and research of the Department are available there.

As a part of the course curriculum, the 4th year students of 2019-20 session of the Department of Pharmacy completed their in-plant training in various reputed pharmaceutical companies such as Square Pharmaceuticals Ltd., Essential Drugs Company Ltd., Aristopharma Ltd., Drug International Ltd., Eskayef Bangladesh Ltd., Beximco Pharmaceuticals Ltd., Incepta Pharmaceuticals Ltd., ACI Ltd., Novartis (Bangladesh) Ltd. and the Acme Laboratories Ltd.

The Department is regularly organizing one/two seminars almost every month. In these seminars, teachers and researchers of different Universities from home and abroad and pharmacists working in renowned manufacturing companies are participating for exchanging their views and ideas.

As a part of professional hospital training course of B. Pharm 5th year student are being oriented for six months in Dhaka Medical College Hospital. They are being trained about treatment and drug use management in Medicine, Surgery, Cardiology, Nephrology, pediatric, Emergency and pharmacy department of the Hospital.

Chairman

Professor Firoj Ahmed, M.Pharm., Ph.D (Japan)

Professor Dr. Sitesh C. Bachar, M.Pharm., Ph.D (Jadavpur University, India)

Professor

Sitesh C. Bachar, M.Pharm., Ph.D. (Jadavpur University, India)

Part-Time Teacher

(1) Dr. Abul Bashar Mir Md. Khademul Islam, Associate professor, Department of Genetic Engineering and Biotechnology, DU; (2) Dr. Abu Zar Md. Shafiullah, Associate professor, Department of Statistics, DU.

Total Number of Students

Year	Academic Session	Number of students
B. Pharm. Professional Year - I	2020-2021	70
B. Pharm. Professional Year - II	2020-2021	77
B. Pharm. Professional Year - III	2020-2021	79
B. Pharm. Professional Year - IV	2020-2021	76
B. Pharm. Professional Year - V	2020-2021	77
Grand Total =		379

Result of Examinations

	Number of candidates	1st Class	2nd Class	3rd Class	Total Passed	Percentage of pass (%)
B. Pharm. Professional Year - V, 2020	76	-	-	-	76	100

Note that B. Pharm. Professional Year – I to B. Pharm. Professional Year – IV class result 2020 is yet to be published.

Activities of the Department of Pharmacy**Seminar Speaker: Sitesh C Bachar**

1. Plenary Speaker on ‘Ethnopharmacological Evaluation of Ginger available in Bangladesh’ organized by Society for Ethnopharmacology in the 7th Convention of the SFE, India, held in the Institute of Biodiversity and Sustainable Development (IBSD), Imphal, India during 17-19, December 2020.
2. Keynote Speaker on “COVID situation in Bangladesh and use of Traditional Medicines” in the webinar series Reimagine Ethnopharmacology organized by the Society for Ethnopharmacology India in association with the Institute of Biodiversity and Sustainable Development (IBSD), Imphal, India on 11 July 2020.

Book Chapter

1. **Sitesh C Bachar**, Ritesh Bachar, Khoshnur Jannat, Rownak Jahan, Mohammed Rahmatullah. Hepatoprotective Natural Compounds In: Annual Reports in Medicinal Chemistry, Medicinal Natural Products: A Disease-Focused Approach; Satyajit D. Sarker and Lutfun Nahar, Ed.; Elsevier Inc; USA; Chapter 7, Volume 55, 207-249, 2020

List of Publications

1. Md. Jahidul Hasan, Raihan Rabbani, Ahmad Mursel Anam, Shihan Mahmud Redwanul Huq, Mohammad Mufizul Islam Polash, Shahzadi Sayeeda Tun Nessa, **Sitesh C. Bachar**. Impact of high dose of baricitinib in severe COVID-19 pneumonia: a prospective cohort study in Bangladesh. *BMC Infectious Diseases* 21:427, 2021.
2. Mamun Al Mahtab, Kamrul Hasan Khan, A B M Faroque, **Sitesh C. Bachar**, Nuzhat Choudhury, Md. Abdur Rahim, Mohammad Helal Uddin, Sheikh Mohammad Noor-E-Alam, Musarrat Mahtab, Sheikh Mohammad Fazle Akbar. Calling Upon the International Community to rising against the Atrocities in Myanmar by the Myanmar Military Junta. *Acta Scientific Medical Sciences* 5(5): 60-62, 2021.
3. Md Jahidul Hasan, **Sitesh C Bachar**, Raihan Rabbani, Rebecca J Cope, Suzanna Gim. Evolution of Pharmacy Practice and Direct Patient Care Roles for Pharmacists in Bangladesh. *Journal of American College of Clinical Pharmacy* 4(6): 718-722, 2021.
4. Satyajit D Sarker, Lutfun Nahar, **Sitesh C Bachar**, Mohammad A Rashid. Twenty Years, Twenty Publications and could have been more: Revisiting Research Collaboration with Professor Bidyut Kanti Datta. *Dhaka Univ. J. Pharm. Sci.* 19 (2), 97-103, 2020
5. Md. Jahidul Hasan , Raihan Rabbani and **Sitesh C. Bachar**. Critical care pharmacist using free drug-interaction checker mobile apps can ensure medication safety in critically ill patients. *Jundishpur J Health Sciences* 12(2): e102131, 2020
6. Khan MSH, Sikder KMYK, Saqueeb N, Hossain MH, **Ahmed F**, Faroque ABM and Sarkar MR. Quality evaluation and determination of heavy metal contents in palm oil, Bangladesh *J. Sci. Ind. Res.*, vol.55, pp.301-310, 2020

7. Jeaydi TI, Sikdar KMYK, Saqueeb N, **Ahmed F**, Sarker MR, and Faroque ABM. Adulterants in various brands of soybean oils marketed in Bangladesh., J. Bangladesh Chem. Soc. , vol.31, pp. 58-62, 2020
8. Hossain MS, Rahaman MM, Rahman MA, Uddin J, and **Ahmed F**. Phytochemical and Biological Investigation of *Curcuma amada* leaves., Dhaka Univ. J. Pharm. Sci. , vol.19, pp. 9-13, 2020
9. Penu FI, Ivy SM, **Ahmed F**, Uddin J, Hossain MS, and Labu ZK. In-vitro Assessment of Antioxidant, Thrombolytic, Antimicrobial Activities of Medicinal Plant *Pandanus odoratissimus* L. Leaves Extract., J. Sci. Res., vol.12, pp.379-390, 2020
10. Arai MA, Morita K, Kawano H, Makita Y, Hashimoto M, Suganami A, Tamura T, Sadhu SK, **Ahmed F** and Ishibashi, M. Target protein-oriented isolation of Hes1 dimer inhibitors using protein-based methods. Sci. Rep, vol.10, pp.1381, 2020

Organized Workshops

1. The Department of Pharmacy, University of Dhaka organized a two-day workshop on “Export Diversification and Competitiveness Development Project (EIF-Tier-II) Component: Active Pharmaceutical Ingredient (API) Industries in Bangladesh” on June 15-16, 2020 in cooperation with the WTO Cell, Ministry of Commerce, Government of the Peoples’ Republic of Bangladesh.
2. The Department of Pharmacy, University of Dhaka organized a two-day workshop seminar on “Export Diversification and Competitiveness Development Project (EIF-Tier-II) Component: Active Pharmaceutical Ingredient (API) Industries in Bangladesh” on June 22-23, 2020 in cooperation with the WTO Cell, Ministry of Commerce, Government of the Peoples’ Republic of Bangladesh.

Seminar : World Pharmacists Day: Theme-“Transforming Global Health”
On the occasion of World Pharmacists Day on 25 September 2020 a TWO DAYS online seminar was organized by the Department of Pharmacy, University of Dhaka. In the opening session on 25th September 2020 the honorable Vice-Chancellor, Prof. Dr. Md. Akhtaruzzaman inaugurated the program, Mr. Md. Abdul Mannan, Secretary, Ministry of Health and Family Welfare was the Chief Guest, and Prof. Dr. S. M. Abdur Rahman, Dean, Faculty of Pharmacy presided over the session.
At the closing session on 26th September 2020, the honorable Pro-Vice-Chancellor Prof. Dr. A. S. M. Maskud Kamal graced the occasion as Chief Guest, and Prof. Dr. S. M. Abdur Rahman, Dean, Faculty of Pharmacy was the chair of the session.

Department of Pharmaceutical Chemistry (2003)

Chairman

Professor Dr. Md. Shah Amran

Professor

1. Md. Abdur Rashid, M Pharm, Ph D (Strathclyde, UK); 2. Monira Ahsan, M Pharm, Ph D (Strathclyde, UK); 3. Mohammad Mehedi Masud, M Pharm, Ph D (Japan); 4. Md. Khalid Hossain, M Pharm, Ph D (Yokohama); 5. Md. Shah Amran, M Pharm, Ph D (Japan); 6. Md. Aslam Hossain, M Pharm, Ph D (Japan); 7. Shaila Kabir, M Pharm, Ph D (Yokohama); 8. A T M Zafrul Azam, M Pharm, Ph D (Japan); 9. Md. Abdul Mazid, M Pharm, Ph D (Japan); 10. Biplab Kumar Das, M Pharm, Ph D (Japan); 11. Firoj Ahmed, M Pharm, Ph D (Japan); 12. Abu Asad Chowdhury, M Pharm, M S (Japan), Ph D (Japan); 13. Mohammad Rashedul Haque, M Pharm, Ph D (London, UK); 14. Mohammad Sharifur Rahman, M Pharm, Ph D (Japan).

Associate Professor

1. Md. Ruhul Kuddus, M Pharm, Ph D (Japan).

Assistant Professor

1. Fahima Aktar, M Pharm; 2. Md. Al Amin Sikder, M Pharm, Ph D (The University of Queensland, Brisbane, Australia); 3. Tasnuva Sharmin, M Pharm, Ph D (Japan).; 4. Mr. Mohiminul Adib, M Pharm [leave]; 5. Mohammad Kaisarul Islam, M Pharm, Ph D (King’s College London, UK); 4. Mrs. Quazi Sufia Islam, M Pharm [leave].

Lecturer

1. Mrs. Sharmin Reza Chowdhury, M Pharm. [leave]; 2. Ms. Faiza Tahia, M Pharm [leave].

The Department of Pharmaceutical Chemistry has started functioning under the Faculty of Pharmacy from April 24, 2003. Since then, the one year M Pharm course has been started. Provisions are available for the M Phil and Ph D studies and research in this department.

Number of Students

Year & level	Number
M Pharm (2018-19)	24
M Pharm (2019-20)	17
M Phil (2016-17)	1
M Phil (2018-19)	1
M Phil (2019-20)	1
M Phil (2020-21)	1
Ph D (2016-17)	1
Ph D (2017-18)	4
Ph D (2018-19)	2
Ph D (2019-20)	2
Ph D (2020-21)	2
Ph D (2021-22)	1
Total	57

Examination Results

Year & level	No. of examinees	Passed	Percentage of pass
M Pharm (2017-18)	22 (thesis group)	22	100 %

Ph.D Degree awarded:

1. Name of the researcher: Fatema Tabassum

Thesis title : Phytochemical and Biological Studies on *Ravenia spectabilis* and *Erythrina variegata*.

2. Name of researcher: Md. Aknur Rahman

Thesis title: Study on Health and Drug Policies of Bangladesh to Ensure Health for All Research activities of teachers

Professor Dr. Md. Abdur Rashid is working on natural products. The main target of his research is bioactivity directed phytochemical investigation of medicinal plants, structure elucidation of isolated compounds and to produce lead compounds for the treatment of different diseases.

Professor Dr. Md. Abdur Rashid is also involved in research on antimicrobial, antiproliferative and HIV inhibitory activity of various synthetic compounds.

Professor Dr. Monira Ahsan is working on natural products. The main target of her research is bioactivity directed phytochemical investigation of medicinal plants, structure elucidation of isolated compounds and to produce lead compounds for the treatment of different diseases.

Professor Dr. Mohammad Mehedi Masud is involved in research on Natural products chemistry and Nucleic acid chemistry.

Professor Dr. Md. Khalid Hossain is working on drug protein interaction and natural products chemistry.

Professor Dr. Md. Shah Amran is involved in research in molecular pharmacology, efficacy of Herbal drugs, drug development and Pharmaceutical analysis. He also established Molecular Pharmacology and Herbal Drug Research Laboratory.

Professor Dr. Md. Aslam Hossain is involved in research in immunology.

Professor Dr. Shaila Kabir is working on drug protein interaction and molecular biology.

Professor Dr. A T M Zafur Azam is involved in research in nucleic acid chemistry and biology, and Natural products chemistry (medicinal plants and microorganisms).

Professor Dr. Md. Abdul Mazid is involved in research in biotechnology, cellular and molecular biology, cancer biology, molecular pharmacology,

nano-medicines and nano-formulation, natural products (endophytic fungal metabolites).

Professor Dr. Firoj Ahmed is involved in research on Search for bioactive natural products with antibacterial activity from medicinal plants. He is also involved in research on Isolation & characterization of natural products from medicinal plants.

Professor Dr. Abu Asad Chowdhury is involved in synthesis of microcrystalline cellulose from cotton & pulp and its modification to use as direct compressible pharmaceutical excipient.

Professor Dr. Mohammad Rashedul Haque is involved in research on Phytochemistry and Synthetic Chemistry.

Professor Dr. Mohammad Sharifur Rahman is involved in the research of Molecular biology, Natural product chemistry and Herbal medicine.

Dr. Md. Ruhul Kuddus is involved in research on natural products chemistry and herbal medicines, ethnopharmacology molecular biology, recombinant expression of antimicrobial peptide.

Mrs. Fahima Aktar is involved in research in Natural products chemistry and Bioassay.

Dr. Md. Al Amin Sikder is involved in research in immunology.

Dr. Tasnuva Sharmin is involved in research in molecular biology.

Conference/Seminars /Symposiums/ Workshops

Name	Title	Place	Time
Pf. Dr. Md. Shah Amran	Online Exam Management (In-course, Mid-Term and Tutorial)",	Centre of Excellence in Teaching and Learning (CoETL), Dhaka University.	13 February, 2021

Pf. Dr. Md. Shah Amran	How to write a Research Proposal	Centre of Excellence in Teaching and Learning (CoETL), Dhaka University.	14 January, 2021
f. Dr. Md. Shah Amran	International Conference on Celebrating the 100 Years of the University of Dhaka: Reflections from the Alumni - International and National		21 January 2021
f. Dr. Md. Shah Amran	International E-Conference on COVID-19 Global Impacts	African - British Journal	July 20-21, 2020
Pf. Dr. Mohammad Sharifur Rahman	The 15th International Symposium of the Institute Network for Biomedical Sciences Cutting Edge of Biomedical and Metabolic Sciences'	Institute of Molecular and Cellular Regulation, Gunma University	06 November, 2020

Publications

1. Khan, M.F., Rashid, R.B. and Rashid, M.A. (2021). Identification of natural compounds with analgesic and anti-inflammatory properties using machine learning and molecular docking studies. *Letters in Drug Design & Discovery*. 18, <https://doi.org/10.2174/1570180818666210728162055>

2. Siddique, H., Pendry, B., and Rashid, M.A. and Rahman, M.M. (2021). Medicinal plants used to treat infectious diseases in the central part and a northern district of Bangladesh - an ethnopharmacological perception. *Journal of Herbal Medicine*. Volume 29, October 2021, 100484. <https://doi.org/10.1016/j.hermed.2021.100484>
3. Chowdhury, P., Shahadati, S., Ibrahim, M., Kuddus, M.R., Rashid, M.R. (2021). In vitro and in vivo evaluation of pharmacological potentials of *Lasia spinosa* Linn. *Dhaka University Journal of Pharmaceutical Sciences* 20 (1), 111-119. <https://doi.org/10.3329/dujps.v20i1.54039>
4. Anjum, A., Sultan, M.Z., Ferdosh, S., Islam, M.K., Rashid, M.A., Nahar, L. and Sarker, S.D. (2021). Flavonoid, pterocarpan and steroid from *Erythrina fusca* Lour. growing in Bangladesh: isolation, and antimicrobial and free-radical scavenging activity. *Journal of Medicinal Plants*, 20(79), 37-46. DOI: 10.52547/jmp.20.79.37
5. Bulbul, I.J., Uddin, M.E., Nahar, N., Kuddus, M.R., Haque, M.R. and Rashid, M.A. (2021). Antidiarrheal Activity of four different species of *Litsea* available in Bangladesh. *Biomedical and Pharmacology Journal*. Vol. 14(3), 1259-1266. DOI : <https://dx.doi.org/10.13005/bpj/2227>
6. Chaity, F.R., Rashid, M.A. and Rahman, M.S. (2021). Biological investigations of the whole plant of *Argemone mexicana* (L.). *Dhaka University Journal of Pharmaceutical Sciences*. 20(1), 135-138, 2021. <https://doi.org/10.3329/dujps.v20i1>
7. Ahamed, M.H., Al Faruk, A., Ibrahim, M., Kuddus, M.R., Sikder, M.A.A. and Rashid, M.A. (2021). Exploration of phytochemical and pharmacological potentials of *Canarium resiniferum* Bruce ex King, an endangered medicinal plant of Bangladesh. *Tropical Journal of Natural Product Research*. 5(5), 825-830. <http://www.doi.org/10.26538/tjnpr/v5i5.7>
8. Hossain, M.J., Sultan, M.Z., Rashid, M.A. and Kuddus, M.R. (2021). Interactions of linagliptin, rabeprazole sodium, and their formed complex with bovine serum albumin: computational docking and spectroscopic approaches. *Analytical Science Advances (Wiley)*. DOI: <https://doi.org/10.1002/ansa.202000153>
9. Alam, S., Rashid, M.A., Sarker, M.M.R., Emon, N.U., Arman, M., Mohamed, I.N. and Haque, M.R. (2021). Antidiarrheal, antimicrobial and antioxidant potentials of methanol extract of *Colocasia gigantea* Hook. f. leaves: evidenced from in vivo and in vitro studies along with computer-aided approaches. *BMC Complementary Medicine and Therapies*. Apr 12; 21(1), 119. DOI: 10.1186/s12906-021-03290-6
10. Aktar, F., Sultan, M.Z. and Rashid, M.A. (2021). Chromium (III) complexes of metformin, dapagliflozin, vildagliptin and glimepiride potentiate antidiabetic activity in animal model. *International Journal of Current Research and Review*. 13 (05), 64-69.eSearch <http://dx.doi.org/10.31782/IJCRR.2021.13506>
11. Ito, C., Matsui, T., Miyabe, T., Hasan, C.M., Rashid, M.A., Itoigawa, M. (2021). Four new isoflavones from *Derris scandens* and their in vitro antiproliferative effects. *Natural Product Research*. DOI: 10.1080/14786419.2021.1888290
12. Ferdosh, S., Azad, A.K., Yunus, K., Rashid, M.A. and Sarker, M.Z.I. (2021). Extraction and characterization of fatty acids from the leaves and stems of *Clinacanthus nutans* using supercritical carbon dioxide. *The Natural Products Journal* (Bentham Science). DOI: 10.2174/2210315511666210202161905
13. Bari, M.S., Khandokar, L., Haque, E., Romanod, B., Capassoe, R., Seidelf, V., Haque, M.A. and Rashid, M.A. (2021). Ethnomedicinal uses, phytochemistry, and biological activity of

- plants of the genus *Gynura*. *Journal of Ethnopharmacology*, 21, 113834. <https://doi.org/10.1016/j.jep.2021.113834>
14. Hossain, M.J., Kuddus, M.R., Rashid, M.A., Sultan, M.Z. (2021). Understanding and dealing the sars-cov-2 infection: an updated concise review. *Bangladesh Pharmaceutical Journal*, 24(1), 61-75. DOI: <https://doi.org/10.3329/bpj.v24i1.51637>
 15. Anjum, N., Hossain, M.J., Haque, M.R., Chowdhury, A. and Rashid, M.A. (2021). Phytochemical investigation of *Schleichera oleosa* (Lour.) Oken leaf. *Bangladesh Pharmaceutical Journal*, 24(1), 33-36. DOI: <https://doi.org/10.3329/bpj.v24i1.51633>
 16. Akther, A., Haque, M.R., Rashid, M.R. and Khan, M.W. (2020). *In vitro* antimicrobial activity of some synthetic indolium chloride derivatives. *Dhaka University Journal of Pharmaceutical Sciences*, 19(2), 133-137. DOI: <https://doi.org/10.3329/dujps.v19i2.50628>
 17. Aktar, F., Sultan, M.Z. and Rashid, M.A. (2020). Study of the effects of complexation of lead with metformin, glimepiride, vildagliptin and dapagliflozin in mice model. *Microbial Bioactives* 3(1), 125-133. <https://doi.org/10.25163/microbbioacts.31210910822111120>
 18. Hossain, M.J., Rashid, M.A. and Sultan, M.Z. (2020). Transition metal chelation augments the half-life of secnidazole: molecular docking and fluorescence spectroscopic approaches. *Drug Research*. 70(12), 583-592. Thieme Medical Publishers. <https://doi:10.1055/a-1252-232>
 19. Islam, M.M., Karir, F., Khatun, H., Aman, D.A.A., Nesa, M.L., Islam, M.R., Bayer, S.I. And Rashid, M.A. (2020). Evaluation of antioxidant, membrane stabilizing, antimicrobial, cytotoxic and thrombolytic properties of the crude extracts of *Stixis suaveolens* growing in Bangladesh. *Discovery Phytomedicine*, 7(3), 89-96. DOI: 10.15562/phytomedicine.2020.125
 20. Sarker, S.D., Nahar, N., Bachar, S.C. and Rashid, M.A. (2020). Twenty years, twenty publications and could have been more: revisiting research collaboration with Professor Bidyut Kanti Datta. *Dhaka University Journal of Pharmaceutical Sciences*, 19(2), 97-103. DOI: <https://doi.org/10.3329/dujps.v19i2.50623>
 21. Hossainey, M.R.H., Sazed, S.A., Nima, M.K., Rahman, M.S., Ashraf, M.T., Chowdhury, A.A., Rashid, M.A., Haque and Alam, M.S. (2020). Investigation of antimalarial activity and cytotoxicity profiling of a Bangladeshi plant *Syzygium cymosum*. *The Journal of Infection in Developing Country*. 14(8), 924-928. <https://doi:10.3855/jidc.12740>
 22. Hossain, M.J., Sultan, M.Z., Rashid, M.A. and Kuddus, M.R. (2020). Does rabeprazole sodium alleviate the anti-diabetic activity of linagliptin? Drug-drug interaction analysis by in vitro and in vivo methods. *Drug Research*. 70(11), 519-527. Thieme Medical Publishers. <doi.org/10.1055/a-1233-3371>
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 24. Ahmed, T., Nesa, M.L., Al-Aman, D.A.A., Kazi, I.S., Kobir, M.E., Ullah, M.A., Dhali, D. and Rashid, M.A. (2020). Analgesic, anti-inflammatory, and central nervous system depressant activities of *Monochoria hastate* (L.) Solms. in animal models. *Pharmacognosy Magazine*, 16(71), 580-584. https://DOI:10.4103/pm.pm_463_19
 25. Islam, M., Kuddus, M.R., Rashid, M.A. and Haque, M.R. (2020). Phytochemical investigations of *Campsis radicans* L. *Journal of Applied Pharmaceutical Research* 8(3), 55-59. <https://DOI:10.18231/j.joapr.2020.v.8.i.3.55.59>

26. Islam, M.A., Bari, M.S., Taher, M.A., Chowdhury, M.A., Hossain, M.K. and Rashid, M.A. (2020). Antidiarrheal and analgesic activities of *Bouea oppositifolia* (Roxb.) Adelb. in experimental animal model. *Bangladesh Pharmaceutical Journal* 23 (2), 167-171. <https://doi.org/10.3329/bpj.v23i1.48337>
27. Islam, M.M., Ahmed, M.T., Khatun, M.H. and Rashid, M.A. (2020). Bioactivities of *Stixis suaveolens* (Roxb.) fruit extract: an evaluation in mice model. *Bangladesh Pharmaceutical Journal* 23 (2), 135-140. <https://doi.org/10.3329/bpj.v23i1.48333>
28. Ito, C., Matsuia, T., Miyabea, T., Hasan, C.M., Rashid, M.A., Tokuda, H. and Itoigawa, M. (2020). Three new isoflavones from *Derris scandens* and their cancer chemopreventive activity and *in vitro* antiproliferative effects. *Phytochemistry* 175, 112376. <https://doi.org/10.1016/j.phytochem.2020.112376>
29. Sharmin, T. and Rashid, M.A. (2020). Bioactivities of stem bark of *Albizia chinensis* Osbeck. Merr., Chakua Koroi of Bangladesh. *African Journal of Pharmacy and Pharmacology*, 14(6), 179-184. <https://doi.org/10.5897/AJPP2020.5134>
30. Loh Z, Simpson J, Ullah A, Zhang V, Gan WJ, Lynch JP, Werder RB, Sikder MA, Lane K, Sim CB, Porello E, Mazzone SB, Sly PD, Steptoe RJ, Spann K, Sukkar M, Upham, JW, Phipps S.2020. HMGB1 amplifies ILC2- induced type-2 inflammation and airway smooth muscle remodelling. *PLoS Pathogen* 16(7): e1008651. <https://doi.org/10.1371/journal.ppat.1008651>
31. Ahamed MH, Ibrahim M, Al Faruq A, Shahadat S, Tasneem MZ, Kuddus MR, Sikder MA, Rashid MA. 2021. Exploration of Phytochemical and Pharmacological Potentials of *Canarium resiniferum* Bruce ex King, an Endangered Medicinal Plant of Bangladesh. *Trop J Nat Prod Res.* 5(5):831-837. doi.org/10.26538/tjnpr/v5i5.7
32. F. Tabassum, C. M. Hasan, M. M. Masud, K. M. Rahman and M. Ahsan. Indole alkaloids from the leaves of *Raveniaspectabilis* Engl. with activity against pancreatic cancer cell line, *Phytochemistry*, 186 (6) :112744, 2021
33. M. M. Islam, S. Shahriar, F. J. Koly, S. Kabir, A. A. Choudhury, J. A. Chowdhury, M. R. Tahsin and M. S. Amran (2021), 15 (5): 84-91, *African Journal of Pharmacy and Pharmacology*, “ A Cross-Sectional Pilot Study on Covid-19 Disease Pattern, Recovery Status and Effect of Co-morbidities in Bangladesh”.
34. M. Kumkum, C. A. Rokeya, M. R. Tahsin, E. Haque, T. I. Tithi, J. A. Chowdhury, S. Kabir, A. A. Choudhury and M. S. Amran, (2021), 15 (2): 805, *Health Science Journal*, “ An Evaluation of Dose and Source dependent Activity of Ethanolic Extract of *Trigonella foenum-graecum* against Diabetes Using Alloxan-Induced Rat Model.
35. E. Haque, A. Karim, J. A. Chowdhury, R. Rezwana, T. Akter, M. R. Tahsin, A. A. Choudhury, S. Kabir and M. S. Amran, (2021) 8 (1): 115-119, *European Journal of Pharmaceutical And Medical Research*, “CAN *TERMINALIA CHEBULA* (HARITAKI) STOP COVID-19?”
36. Ahmed, F., Aktar, A., Rashid, M.A., and Rahman, M.S. 2021. Free radical scavenging, membrane stabilizing and thrombolytic potentials of the leaves of *Quisqualis indica* (L.). *Bangladesh Pharmaceutical Journal*. 24(2), In press.
37. Anjum, N., Hossain, M.J., Aktar, F., Haque, M.R., Rashid, M.A. and Kuddus, M.R. (2022) Potential In Vitro and In Vivo Bioactivities of *Schleichera oleosa* (Lour.) Oken: A Traditionally Important Medicinal Plant of Bangladesh. *Research Journal of Pharmacy and Technology* 15 (1), (In Press, Article No. 2127192325293659)
38. Alam, S., Rashid, M.A., Sarker, M.M.R., Emon, N.U., Arman, M., Mohamed, I.N. and Haque, M.R. (2021) Antidiarrheal,

- antimicrobial and antioxidant potentials of methanol extract of *Colocasiagigantea* Hook. f. leaves: evidenced from in vivo and in vitro studies along with computer-aided approaches. *BMC Complement Med Ther*, 21(1),119.
39. Haque, M.R., Islam, M. and Kuddus, M.R. (2020) In vitro and in vivo evaluation of pharmacological potential of *Begonia barbata* Wall. *Future Journal of Pharmaceutical Sciences* 6, 112.
 40. Alam, S, Emon, N.U., Shahriar, S., Richi, F.T., Haque, M.R., Islam, M.N., Sakib, S.A. and Ganguly, A. (2020) Pharmacological and computer-aided studies provide new insights on *Millettiapeguensis* Ali (Fabaceae). *Saudi Pharmaceutical Journal* <https://doi.org/10.1016/j.jsps.2020.11.004>
 41. Adib M, Islam R, Ahsan M, Rahman A, Hossain M, Rahman MM, Alshehri SM, Kazi M, Mazid MA, Cholinesterase inhibitory activity of tinosporide and 8-hydroxytinosporide isolated from *Tinosporacordifolia*: in vitro and in silico studies targeting management of Alzheimer's disease. *Saudi Journal of Biological Sciences*, 2021, doi: <https://doi.org/10.1016/j.sjbs.2021.03.063>
 42. Shahriar KR, Hossain ME, Rahman KM, Ahsan M, Hasan CM. A New Cyclohexanone Derivative from the Leaves of *Brideliastipularis* (L.) Blume. *Chemistry of Natural Compounds*, 2021, 57(3), DOI 10.1007/s10600-021-03386-y.
 43. Puja SD, Shahriar KR, Hasan CM, Ahsan M. Flavonoids from the Leaves of *Brideliastipularis* with in Vitro Antioxidant and Cytotoxicity Activity, *Pharmacology & Pharmacy*, 2020, 11, 137-146.
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 46. Alam M K, Rana ZH, Kabir N, Begum P, Kawsar M, Khatun M, Ahsan M, Islam SN. Total Phenolics, Total Carotenoids and Antioxidant Activity of Selected Unconventional Vegetables Growing in Bangladesh. *Current Nutrition & Food Science*, 2020, 16 (70), 1088-1097.
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 48. Shahriar KR, Salekin S, Islam QS, Ahsan M, Hasan CM. Phytochemical and Biological Studies on Bark Extract of *Aporosa wallichii* Hook.f. *Dhaka Univ. J. Pharm. Sci.* 2020, 19(2), 139-143, DOI: <https://doi.org/10.3329/dujps.v19i2.50629>
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- inactivation. *Biochemical and Biophysical Research Communications*. 2021; 561 (2021): 158-164
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53. Tasnin MN, Takuma T, Sharmin T, Morshed S, Ushimaru T. The vacuole controls nucleolar dynamics and micronucleophagy via the NVJ. *Biochemical and Biophysical Research Communications*. 2021; 550 (2021): 158-165.
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55. Farhana Ahmed, Fahima Aktar, Mohammad A. Rashid and Mohammad Sharifur Rahman. 2021. Free Radical Scavenging, Membrane Stabilizing and Thrombolytic Potentials of the Leaves of *Quisqualis indica* (L.) *Bangladesh Pharmaceutical Journal*. 24, 99-104.
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60. Hossain J, Sultan Z, Rashid MA, Kuddus R. Interactions of linagliptin, rabeprazole sodium, and their formed complex with bovine serum albumin: Computational docking and fluorescence spectroscopic methods. *Anal Sci Adv*. 2021;2:480-494. <http://dx.doi.org/10.1002/ansa.202000153>
61. Sukhbir Singh, Neelam Sharma, Tapan Behl, Bidhan Chandra Sarkar, Hasi Rani Saha, Kanika Garg, Supriya Kamari Singh, Sandeep Arora, Md. Shah Amran, Ahmed A. H. Abdellatif, Anwar L. Bilgrami, Ghulam Md Ashraf and Md. Sohanur Rahman, Promising Strategies of Colloidal Drug Delivery-Based Approaches in Psoriasis Management, *Pharmaceutics* 2021, 13, 1978. <https://doi.org/10.3390/pharmaceutics13111978>.
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- Sajjad Hussain, Jakir Ahmed Chowdhury, Shaila Kabir, Abu Asad Chowdhury, Md. Shah Amran, Fahima Aktar, An Evaluation of Pharmacological Healing Potentialities of Terminalia Arjuna Against Several Ailments on Experimental Rat Models with an In-silico Approach, Heliyon, <https://doi.org/10.1016/j.heliyon.2021.e08225>
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72. Md Rafat Tahsin, Bushratul Jannat, Amira mostafa, Fahima Akhter Purni, Sanzida Khondoker, Samia Islam, Amena Alam Shanta, Sadia Afrin, Quazi Yousuf Asadullah, Md. Shah Amran, An Evaluation of Diabetes Ameliorating Capacity of Terminalia bellerica Ethanolic Extract on Alloxan-Induced Diabetic Rat Including Safety Profile Study, Journal of Clinical and Molecular Endocrinology, Vol. 6 No. 1 :33, 2021.

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Autism, Published by Shova Publications, Bangla Bazar, Dhaka, Bangladesh, 2020.

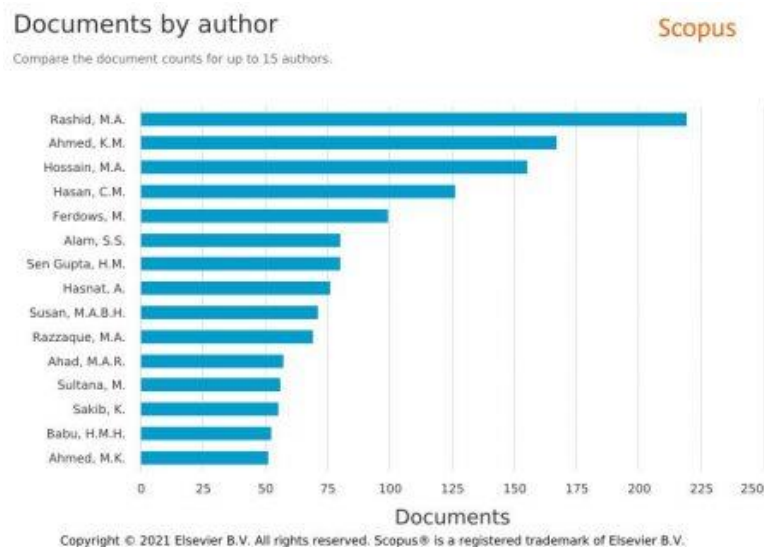
Achievement

Professor Dr. Md. Abdur Rashid listed as the most contributing author of scientific papers in "100 Years of Publications of University of Dhaka in Scopus Database"

[\[https://scientificbangladesh.com/100-years-publications-of-university-of-dhaka-in-scopus-database/\]](https://scientificbangladesh.com/100-years-publications-of-university-of-dhaka-in-scopus-database/) (Accessed on February 15, 2021)

A) Overall scenarios

Here, the data has been presented taking the whole university into account. The top 15 researchers with overall highest publications



Research project information:

No.	Name of the teacher	Research Project Title	Funding authority
1.	Professor Dr. Md. Shah Amran	The Study of Price variations, Availability and Affordability of Selected Medicines in Bangladesh	UGC
2.	Professor Dr. Md. Shah Amran	The invitro and in vivo bioequivalence and pharmaceutical equivalence study of some	Ministry of Science and Technology

		selected beta-blockers available in Bangladesh in rat model.	
3.	Professor Dr. Md. Shah Amran	The in-vivo assessment of antidiabetic property of extract of leaves of <i>Gynura procumbens</i> in rats	Ministry of Education
4.	Professor Dr. Shaila Kabir	The Study of in Vitro Interaction and Protein Binding of Ketorolac with Rabeprazole and Zinc in Aqueous Media	UGC
5.	Professor Dr. Md. Abdul Mazid	Isolation and Evaluation of Endophytic Fungi from <i>Tinospora Cordifolia</i> as a Source of Noble Drug	UGC
6.	Professor Dr. Abu Asad Chowdhury	Evaluation of Anti-obesity effect of Ethanol Extract of <i>Syzygium cumini</i> and <i>Dioscoria bulbifera</i> Plants with exploring the mechanism of action in rat model	UGC
7.	Professor Dr. Abu Asad Chowdhury	Preparation of Microcrystalline Cellulose (MCC) from waste cotton & papers, modification of different Physiochemical properties of the prepared MCC to meet the specifications of United States Pharmacopeia or British Pharmacopeia and application of modified MCC in drug formulation by direct compression	Ministry of Education

		technique.	
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Administrative and other related activities of the departmental teachers

Professor Dr. Md. Shah Amran is serving as the Chairman of The Department of Pharmaceutical Chemistry

Professor Dr. Firoj Ahmed is serving as the Acting Chairman of The Department of Pharmacy.

Professor Mohammad Rashedul Haque is serving as the Student Adviser of The Department of Pharmaceutical Chemistry.

Associated Professor Dr. Md. Ruhul Kuddus is serving as a House Tutor of The Dr. Muhammad Shahidullah Hall.

Assistant Professor Mrs Fahima Aktar as the Sport Teacher of the Department of Pharmaceutical Chemistry.

Department Of Clinical Pharmacy And Pharmacology (2003)

Chairman

Professor Dr. S. M. Abdur Rahman, M.Pharm., Ph.D.

Professor Emeritus

Professor Dr. A K Azad Chowdhury, M.Sc., Ph.D.

Professor

(1) Nazmul Qais, M.Pharm., Ph.D; (2) Dr. Md. Saiful Islam, M.Pharm, Ph.D; (3) Bilkis Begum, Ph.D; (4) Mohammad Shawkat Ali, M.Pharm., Ph.D; (5) S.M. Abdur Rahman, M.Pharm., Ph.D.

Associate Professor

(1) Muhammad Asaduzzaman, M.Pharm, Ph.D; (2) Md. Abdul Muhit, M.Pharm, Ph.D; (3) Sheikh Zahir Raihan, M.Pharm, Ph.D; (4) Sreedam Chandra Das, M.Pharm, Ph.D.

Assistant Professor

(1) Mr. Ahsanul Hasan, M.Pharm [on study leave]; (2) Zobaer Al Mahmud, M.Pharm, Ph.D; (3) Mr. Sajal Kumar Saha, M.Pharm [on study leave]; (4) Mr. Tumpa Dasgupta, M.Pharm [on study leave]; (5) Mr. Amlan Ganguly, M.Pharm, [on study leave]; (6) Mr. Md. Reazul Islam, M.Pharm [on study leave]; (7) Mr. Sabiha Chowdhury, M.Pharm [on study leave]; (8) Mr. Mohd Nazmul Hasan Apu, M.Pharm [on study leave]; (9) Mr. Noor Ahmed Nahid, M.Pharm [on study leave]; (10) Mr. Saikat Kumar Poddar, M.Pharm [on study leave]; (11) Mr. Nazmus Saqueeb, M.Pharm.

Lecturer

(1) Mr. Fahad Imtiaz Rahman; (2) Mr. Powshali Shaha; (3) Mr. Sabiha Enam Sriha.

Publications

Professor Dr. A K Azad Chowdhury

Professor Emeritus

Ahmed T, Rahman SMA, Asaduzzaman M, Islam AB, **Chowdhury AKA**. Synthesis, in vitro bioassays, and computational study of heteroaryl nitazoxanide analogs. *Pharmacol Res Perspect.* 2021, 9, e00800. <https://doi.org/10.1002/prp2.800>.

Prof. Dr. Nazmul Qais

1) Susmita Roy Lisa , Mohammad Kaisarul Islam and **Nazmul Qais**: Plants and Plant Constituents with Analgesic and Anti-inflammatory Activities: A Systematic Review; *Dhaka University Journal of Pharmaceutical Sciences*, 19(2), 207-224, 2020. DOI: [org/10.3329/dujps.v19i2.50638](https://doi.org/10.3329/dujps.v19i2.50638)

2) Shafia Farhana Etu , M. Alamgir Hossain, Abu Shara Shamsur Rouf , Ali Alqahtani and **Nazmul Qais**: Molecular docking and anticancer activity determination of 5,10-dihydro-7,8-dimethyl alloxazine derived from lumichrome of riboflavin; Main Group Chemistry 20(1), 81–88, 2021. DOI 10.3233/MGC-210025

Prof. Dr. S. M. Abdur Rahman

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4) Hossain, M. J.; Ahmed, F.; **Rahman, S. M. A.**; Sanam, S.; Emran, T. B.; Mitra, S. Impact on online education on fear of academic delay and Psychological distress among university

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7) Alam, S.; Kamal, T. B.; Sarkar, M. M. R.; Zhou, J-R; **Rahman, S. M. A.**; Mohamed, I. N. Therapeutic effectiveness and safety of repurposing drugs for the treatment of COVID-19: Positions standing in 2021. Front. Pharm. 2021, 12. 659577. doi: 10.3389/fphar.2021.659577

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10) Hossain, M. J.; **Rahman, S. M. A.** Repurposing therapeutic agents against SARS-CoV-2 infection: most promising and neoteric progress. Expert Rev Antiinfective Therapy. 2021; 19 (8),

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Dr. Muhammad Asaduzzaman

1) Tasmia Ahmed, S. M. Abdur Rahman, **Muhammad Asaduzzaman**, Abul Bashar Mir Md. Khademul Islam,

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Dr. Md. Abdul Muhit

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2) Shifat-E-Ferdous, Mamunur Rahman, Firoj Ahmed and **Md. Abdul Muhit** : Phytochemical Analysis, Antioxidant and Cytotoxic Activities of *Mucuna pruriens* Leaves, *The Dhaka University Journal of Pharmaceutical Sciences* , vol.20 , no.1 , pp.103-109 , 2021.

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cross-sectional study on prevalence of self-medication practice among the students of University of Dhaka, *International Journal of Pharmaceutical Research*, vol.13 , no.2 , pp.2371-2376, 2021 .

5) Madhabi Lata Shuma, M A K Azad, **Md. Abdul Muhit** and Shimul Halder : Prescription pattern for pregnant and lactating mothers, and attitude towards the safety of medicines in a tertiary hospital in Bangladesh, *International Journal of Scientific Report* , vol.7 , no.3 , pp.159-166 , 2021 .

6) Shimul Halder, Amena Islam, **Md. Abdul Muhit**, Manik Chandra Shill and Syed Shabbir Haider : Self-emulsifying drug delivery system of black seed oil with improved hypotriglyceridemic effect and enhanced hepatoprotective function, *Journal of Functional Foods* (impact factor:3.7) , vol.78 , pp.104391 , 2021 .

Dr. Sheikh Zahir Raihan

1) Sarkar MR, Hossain A, Al-Hossain ASMM, Sikdar KMYK, **Raihan SZ** and Hossain MH : Enhancement of dissolution profile of poorly aqueous soluble atorvastatin calcium by binary and ternary solid dispersion techniques, *Bangladesh Journal of Scientific and Industrial Research*, vol.56, no.3 Bangladesh Council of Scientific and Industrial, pp.165-176, 2021.

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Journal of Scientific Research in Dental and Medical Sciences, vol.3, no.2, pp.78-85, 2021.

3) Islam M, Sultana G, Khan R, Islam A, Mahmud H and **Raihan SZ** : Study on Mitochondrial ATPase6

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Journal of Scientific Research in Dental and Medical Sciences, vol.3, no.1, pp.18-22, 2021 .

4) Molla MI, Ela SP, **Raihan SZ** and Mahmud ZA : Methanolic extracts and different fractions of whole plants of *Leucas zeylanica* show promising analgesic and antioxidative activities, *Egyptian Pharmaceutical Journal*, vol.19, pp.260-265, 2020.

Dr. Sreedam Chandra Das

1) Jeffrey Seow, **Sreedam Chandra Das**, Rodrigo AV Morales, Ricardo Ataíde, Bankala Krishnarjuna, Mitchell Silk, David K Chalmers, Jack Richards, Robin F Anders, Christopher A. MacRaild, Raymond S. Norton. Guiding the immune response to a conserved epitope in MSP2, an intrinsically disordered malaria vaccine candidate. *Vaccine (MDPI)*, 2021. vol.9 , no.8 , pp.855.

2) **Sreedam Chandra Das**, Jason Price, Ricardo Ataíde, Jeffrey Seow, Vashti Irani, Ines Atmosukarto, Robin F. Anders, Jack S. Richards, Christopher A. MacRaild and Raymond S. Norton. Liposome engraftment and antigen combination potentiate the immune response towards conserved epitopes of the malaria vaccine candidate MSP2. *Vaccine*, 2021; 39, (12).1746-1757.

Dr. Zobear Al Mahmud

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Nazmus Saqueeb

1) **Nazmus Saqueeb**, Md. Mijanur Rahman, Ashfia Tasnim Munia, SM Abdur Rahman, Md. Abdul Muhit, K.M. Yasif Kayes Sikdar*. A cross-sectional study on prevalence of self-medication practice among the students of University of Dhaka. *International Journal of Pharmaceutical Research*, 2021, 13(2), 2371-2376. DOI: 10.31838/ijpr/2021.13.02.316

2) M S H Khan, K.M. Yasif Kayes Sikdar, **Nazmus Saqueeb**, Hemayet Hossain, Firoj Ahmed, A B M Faroque, Md Raihan Sarkar*. Quality evaluation and determination of heavy metal contents in palm oil. *Bangladesh Journal of Scientific and Industrial Research*, 2020, 55(4), 301-310. DOI: 10.3329/bjsir.v55i4.50963

3) Fahad Imtiaz Rahman, Fahad Hussain, **Nazmus Saqueeb**, SM Abdur Rahman*. Synthesis and evaluation of pharmacological activities of some 3-O-benzyl-4-C-(hydroxymethyl)-1,2-O-isopropylidene- α -D-ribofuranose derivatives as potential anti-inflammatory agents and analgesics. *Research in pharmaceutical sciences*, 2020, 15(3), 209-217. DOI: 10.4103/1735-5362.288423

Fahad Imtiaz Rahman

M S H Khan, K.M. Yasif Kayes Sikdar, **Nazmus Saqueeb**, Hemayet Hossain, Firoj Ahmed, A B M Faroque, Md Raihan Sarkar*. Quality evaluation and determination of heavy metal contents in palm oil. *Bangladesh Journal of Scientific and Industrial Research*, 2020, 55(4), 301-310. DOI: 10.3329/bjsir.v55i4.50963

Poushali Saha

Fahad Imtiaz Rahman, Fahad Hussain, **Nazmus Saqueeb**, SM Abdur Rahman*. Synthesis and evaluation of pharmacological activities of some 3-O-benzyl-4-C-(hydroxymethyl)-1,2-O-isopropylidene- α -D-ribofuranose derivatives as potential anti-inflammatory agents and analgesics. *Research in pharmaceutical sciences*, 2020, 15(3), 209-217. DOI: 10.4103/1735-5362.288423

Department of Pharmaceutical Technology (2003)

Chairman

Professor Dr. Md. Elias Al-Mamun

Professor

(1) Reza-ul-Jalil, M. Pharm; PhD (King's college, London); (2) Abu Shara Shamsur Rouf, M. Pharm; PhD (Okayama, Japan); (3) Md. Selim Reza, M. Pharm; PhD (Strathclyde, London); (4) Syed Shabbir Haider, M. Pharm; PhD (Okayama, Japan); (5) Md. Elias-Al-Mamun, M. Pharm; PhD (Tohoku, Japan) post; (6) Muhammad Rashedul Islam, M. Pharm; PhD (Tohoku, Japan); (7) Jakir Ahmed Chowdhury, M. Pharm; PhD (Gunma, Japan).

Associate Professor

(1) A K Lutful Kabir, M. Pharm; PhD.; (2) Shimul Halder, M. Pharm; PhD (Shizuoka, Japan); (3) Nahid Sharmin, M. Pharm; PhD (Bradford, London).

Assistant Professor

(1) Subrata Bhadra, M. Pharm. [On study leave]; (2) Uttom Kumar, M. Pharm; PhD (Imperial College London, UK); (3) Dilshad Noor Lira, M. Pharm; M. Sc (University College London, UK); (4) Md. Shahadat Hossain, M. Pharm [On study leave]; (5) Md. Samiul Islam, M. Pharm. [On study leave]; (6) Ikramul Hasan, M. Pharm; (7) B. K. Sajeeb, M. Pharm; (8) Md. Raihan Sarkar, M. Pharm; PhD (Adelaide, Australia); (9) A. S. M. Monjur-Al-Hossain, M. Pharm; PhD (University College London, UK); (10) Nusrat Ahmed, M. Pharm. [On study leave]; (11) K. M. Yasif Kayes Sikdar, M. Pharm; (12) Md. Mahbulul Alom, M. Pharm.

Lecturer

Sabrina Rahman Archie, M. Pharm. [On study leave].

Students

Class	Year	Number
M. Pharm	2019-2020	17
M. Pharm	2018-2019	23
M. Phil	2015-2016	01
M. Phil	2014-2015	03
M. Phil	2013-2014	1
Ph. D	2017-2018	01
Ph. D	2016-2017	02
Ph. D	2013-2014	01
Ph. D	2012-2013	01
Total		50

Examination Results

Examination	No. of examinees	Total Passed	Percentage of Passed
M. Pharm Exam-2018	21	21	100
M. Pharm Exam-2017	21	21	100

List of Research Publications (July 2020-June 2021)**Prof. Dr. Md. Elias Al-Mamun**

1. Md. Hasinur Rahaman Habib, Nushrat Alam, Mimosa Kamal, Muhammad Rashedul Islam and Md. Elias Al-Mamun (July 2020). Present Scenario and Prospect of Model Pharmacy in Dhaka City, Bangladesh. Bangladesh Pharmaceutical Journal. 23(2): 172-180.

2. Ajam Uddin, Muhammad Rashedul Islam, Md. Alamgir Kabir and Md. Elias-Al-Mamun (July 2020). A Study on Disease Patterns and Treatment Seeking Behaviors among the University Resident Students. Bangladesh Pharmaceutical Journal 23(2): 187-194.

Prof. Dr. Muhammad Rashedul Islam

1. Md. Hasinur Rahaman Habib, Nushrat Alam, Mimosa Kamal, Muhammad Rashedul Islam and Md. Elias Al-Mamun (July 2020). Present Scenario and Prospect of Model Pharmacy in Dhaka City, Bangladesh. Bangladesh Pharmaceutical Journal. 23(2): 172-180.

2. Ajam Uddin, Muhammad Rashedul Islam, Md. Alamgir Kabir and Md. Elias-Al-Mamun (July 2020). A Study on Disease Patterns and Treatment Seeking Behaviors among the University Resident Students. Bangladesh Pharmaceutical Journal 23(2): 187-194.

Prof. Dr. Jakir Ahmed Chowdhury

1. Ehfazul Haque, Ariful Karim, Jakir Ahmed Chowdhury, Refaya Rezwana, Tahmina Akter, Md. Rafat Tahsin, Abu Asad Chowdhury, Shaila Kabir and Md. Shah Amran, 2021. Can Terminalia Chebula (Haritaki) Stop Covid-19? *European Journal Of Pharmaceutical And Medical Research*, Volume 8 No. 1, p115-119.
2. Mafruha Kumkum, Chandni Akter Rokeya, Md. Rafat Tahsin, Ehfazul Haque, Tanzia Islam Tithi, Jakir Ahmed Chowdhury, Shaila Kabir, Abu Asad Choudhury and Md. Shah Amran, 2021. An Evaluation of Dose and Sourcedependent Activity of Ethanolic Extract of Trigonellafoenum-graecum against Diabetes Using Alloxan-Induced Rat Model, *Health Science Journal*, Volume 15 No.2:805.
3. Md. Monirul Islam, Saimon Shahriar, Fahima Jannat Koly, Shaila Kabir, Abu Asad Choudhury, Jakir Ahmed Chowdhury, Md. Rafat Tahsin and Md. Shah Amran, 2021. A cross-sectional pilot study on COVID-19 disease pattern, recovery status and effect of co-morbidities in Bangladesh, *African Journal of Pharmacy and Pharmacology*, Volume 15 No. 5, p. 84-91.
4. Saimon Shahriar, Abu Asad Chowdhury, Md. Shah Amran and Jakir Ahmed Chowdhury, 2020, Tablet Splitting Performance Evaluation of Losartan Potassium and Olmesartan Medoxomil IR Tablets Marketed in Bangladesh, *Bangladesh Pharmaceutical Journal*, Volume 23, No 2, July, 2020, Page: 146-154.

Dr. Shimul Halder

1. S. Banik, S. Halder, H. Sato, S. Onoue, Self-emulsifying drug delivery system of (R)- α -lipoic acid to improve its stability and oral absorption, *Biopharm. Drug Dispos.* (2021) 1–8.
2. S. Halder, A. Islam, M.A. Muhit, M.C. Shill, S.S. Haider, Self-emulsifying drug delivery system of black seed oil with improved hypotriglyceridemic effect and enhanced hepatoprotective function, *J. Funct. Foods.* 78 (2021) 104391.
3. A.B.F. Pavel, S. Halder, S. Siddik, A. Muhit, A descriptive cross-

- sectional study on the awareness level towards the COVID-19 among the internet users of Bangladesh, *Int. J. Adv. Med.* 8 (2021) 628–635.
4. K. Shah, S. Halder, S.S. Haider, Assessment of knowledge, perception, and awareness about self-medication practices among university students in Nepal, *Heliyon.* 7 (2021) e05976.
5. M.L. Shuma, M.A.K. Azad, M.A. Muhit, S. Halder, Prescription pattern for pregnant and lactating mothers, and attitude towards the safety of medicines in a tertiary hospital in Bangladesh, *Int. J. Sci. Reports.* 7 (2021) 159-166.
6. M.L. Shuma, A. Jahan, S. Halder, Assessment of Drug Release Kinetics and Quality of Naproxen Generic Tablets in Bangladesh, *Dissolution Technol.* (2021) 32–37.
7. M.L. Shuma, S. Halder, Statistical assessment of in vitro drug release kinetics and quality evaluation of desloratadine orally disintegrating generic tablets available in Bangladesh, *J. Generic Med.* 17 (2020) 10–16.
8. S. Halder, Fairuza Ahmed, M. L. Shuma, M.A.K. Azad, Eva Rahman Kabir, Impact of drying on dissolution behavior of carvedilol-loaded sustained release solid dispersion: development and characterization, *Heliyon*, 6: e05026 (2020)

Dr. Nahid Sharmin

1. Tarhima Jahan Jerin, Nahid Sharmin, Sheikh Zahir Raihan. Silico Functional Annotation and Molecular Characterization of an Uncharacterized Protein MBO_502153 of Mycobacterium Tuberculosis Variant Bovis. *International Journal of Scientific Research in Dental and Medical Sciences*, 3 (2), 78-85, June 2021.
2. Nahid Sharmin, Chinyere Chioma Nganwuchu, Md Talat Nasim. Targeting the TGF- β signaling pathway for resolution of pulmonary arterial hypertension. *Trends in Pharmacological Sciences*, Volume 42 (7), 510-513, May 2021.

3. Md. Raihan Sarkar, K M Yasif Kayes Sikdar, A S M Monjur-Al-Hossain, Nahid Sharmin. Improving the drug dissolution profile of poorly aqueous soluble lovastatin using hydrophilic polymers by solid dispersion and physical mixing techniques. *National Journal of Physiology, Pharmacy and Pharmacology*, Volume 11(2), 216-221, December 2020.

Ms. Dilshad Noor Lira

Formulation and Evaluation of Effects of Superdisintegrants on Immediate Release Tablet of Linagliptin, a DPP-4 Inhibitor. Tanoy Saha, Md. Mahbulul Alam, Dilshad Noor Lira and Abu Shara Shamsur Rouf. *Bangladesh Pharmaceutical Journal* 24(2): 168-179

Dr. Md. Raihan Sarkar

1. Sarkar, Md Raihan, and Stephen G. Bell. "Complementary and selective oxidation of hydrocarbon derivatives by two cytochrome P450 enzymes of the same family." *Catalysis Science & Technology* 10, no. 17 (2020): 5983-5995.

2. Munia, Ashfia Tasnim, K. Y. K. Sikdar, Md Anamul Haque, Mohammad Ashraful Islam, and Md Raihan Sarkar. "Assessment of Bangladeshi People's knowledge, awareness, precautionary behavior and preventive actions during the COVID-19 pandemic: a cross-sectional survey." *Malaysian Journal of Medicine and Health Sciences* 17, no. 2 (2021): 225-233.

3. Sarkar, M. R., A. Hossain, A. S. M. M. Al Hossain, K. M. Y. K. Sikdar, S. Z. Raihan, and M. H. Hossain. "Enhancement of dissolution profile of poorly aqueous soluble atorvastatin calcium by binary and ternary solid dispersion techniques." *Bangladesh Journal of Scientific and Industrial Research* 56, no. 3 (2021): 165-176.

4. Sarkar, Md Raihan, KM Yasif Kayes Sikdar, A. S. M. Monjur-Al-Hossain, and Nahid Sharmin. "Improving the drug dissolution profile of poorly aqueous soluble lovastatin using hydrophilic polymers by solid dispersion and physical mixing techniques." *National Journal of Physiology, Pharmacy and Pharmacology* 11, no. 2 (2021): 216-221.

5. Khan, M. S. H., K. M. Y. K. Sikdar, N. Saqueeb, M. H. Hossain, F. Ahmed, A. B. M. Faroque, and M. R. Sarkar. "Quality evaluation and determination of heavy metal contents in palm oil." *Bangladesh Journal of Scientific and Industrial Research* 55, no. 4 (2020): 301-310.

Dr. A.S. M. Monjur-Al-Hossain

1. Development and Characterization of a Combination Tablet Dosage Form Containing Sofosbuvir and Ribavirin Using Design of Experiments (DoE) Approach, *Dhaka University Journal of Pharmaceutical Sciences*, Vol. 20, no. 1, pp.121-133, June 2021.

2. Improving the drug dissolution profile of poorly aqueous soluble lovastatin using hydrophilic polymers by solid dispersion and physical mixing techniques, *National Journal of Physiology Pharmacy and Pharmacology*, Vol. 11, no.2, pp.216-221, December 2020.

Ms. Nusrat Ahmed

1. Rumman Reza, Md. Nazmus Samdani, Niaz Morshed and Nusrat Ahmed. A Comprehensive Study on Availability of Anti-cancer Drugs in Dhaka City, Bangladesh. *Bangladesh Pharmaceutical Journal* 23(2): 155-166, 2020.

2. Jesmin Akter, Nusrat Ahmed, Sabrina Rahman Archie. Formulation and In Vitro Evaluation of Orally Disintegrating Tablets (ODTs) of Tramadol Hydrochloride. *Journal of Drug Delivery and Therapeutics*. 11(3-S):1-6, 2021.

Mr. K. M. Yasif Kayes Sikdar

1. Development and Characterization of a Combination Tablet Dosage Form Containing Sofosbuvir and Ribavirin Using Design of Experiments (DoE) Approach, *Dhaka University Journal of Pharmaceutical Sciences*, Vol. 20, no. 1, pp.121-133, June 2021.

2. Assessment of Bangladeshi People's Knowledge, Awareness, Precautionary Behavior and Preventive Actions During the COVID-19

Pandemic: A Cross-sectional Survey, *Malaysian Journal of Medicine and Health Sciences*, Vol. 17, no. 2, pp.225-233, April 2021.

3. A cross-sectional study on current prescription trends and errors in outpatient department of a Bangladeshi secondary care district hospital, *Perspectives in Clinical Research*, March 2021.
4. A cross-sectional study on prevalence of self-medication practice among the students of University of Dhaka, *International Journal of Pharmaceutical Research*, Vol. 13, no.2, pp.2371-2376, March 2021.
5. Quality evaluation and determination of heavy metal contents in palm oil, *Bangladesh Journal of Scientific and Industrial Research*, Vol. 55, no.4, pp.301-310, December 2020.
6. Improving the drug dissolution profile of poorly aqueous soluble lovastatin using hydrophilic polymers by solid dispersion and physical mixing techniques, *National Journal of Physiology Pharmacy and Pharmacology*, Vol. 11, no.2, pp.216-221, December 2020.

Mr. Md. Mahbubul Alam

1. Md. Anisul Islam, Md. Mahbubul Alam, K. M. Yasif Kayes Sikdar, A. S. M. Monjur-Al-Hossain and Abu Shara Shamsur Rouf, 2021. Development and Characterization of a Combination Tablet Dosage Form Containing Sofosbuvir and Ribavirin Using Design of Experiments (DoE) Approach. *Dhaka University Journal of Pharmaceutical Sciences*, 20(1), pp.121-133.
2. Md. Mahbubul Alam, Md. Shahidul Islam, K. M. Yasif Kayes Sikdar and A. S. M. Monjur-Al-Hossain, 2021. Formulation and Evaluation of Fixed-Dose Combination Immediate Release Tablets of Ibuprofen and Famotidine through Quality by Design Approach. *Bangladesh Pharmaceutical Journal*, 24(2), pp. 133-148.
3. Tanoy Saha, Md. Mahbubul Alam, Dilshad Noor Lira and Abu Shara Shamsur Rouf, 2021. Formulation and Evaluation of Effects of

Superdisintegrants on Immediate Release Tablet of Linagliptin, a DPP-4 Inhibitor. *Bangladesh Pharmaceutical Journal*, 24(2), pp. 168-179.

Conference abstracts

1. Shimul Halder, Amena Islam, Md. Abdul Muhit, Manik Chandra Shil, Syed Shabbir Haider: Strategic Application of Self-emulsifying Drug Delivery System to Black Seed Oil for Improvement of Nutraceutical Properties. International Conference on Science and Technology for Celebrating the Birth Centenary of Bangabandhu (ICSTB-2021), BCSIR, Dhaka, Bangladesh, 2021; March 11–13.
২. Shimul Halder, Amena Islam, Md. Abdul Muhit, Manik Chandra Shil, Syed Shabbir Haider: Self-emulsifying Drug Delivery System to Black Seed Oil for Improvement of Nutraceutical Properties. International Conference on Advancement of Life Sciences 2021 (ICALS 2021), Tangail, Bangladesh, 2021; March 12–13.

Faculty of Earth and Environmental Sciences (2008)

In accordance with the first Ordinance of the Dhaka University Order 1973 and the recommendation of the Academic Council (17-06-2008) and the Syndicate (17-06-2008) followed by approval of the Senate on 26-06-2008, the Faculty of Earth and Environmental Sciences started its journey. Presently, the Dean of the faculty is Prof. Dr. Md. Zillur Rahman.

At present, there are five departments within the Faculty: Department of Geography and Environment, Department of Geology, Department of Oceanography, Disaster Science and Management and Department of Meteorology. Four research centres namely- Disaster Research Training and Management Centre, Delta Study, International Centre for Ocean Governance and Centre for Urban Resilience Studies are running under the faculty.

The Faculty has recently organized an international conference on “Earth and Environmental Sciences & Technology for Sustainable Development - 2020” held on 25-30 January 2020 in Hotel Inter-Continental Dhaka, Bangladesh. The Honorable President of the People's Republic of Bangladesh, His Excellency Mr. Md. Abdul Hamid and the Honorable Minister of Education, Dr. Dipu Moni, MP, graced the ceremonial opening of the conference with their generous presence. Moreover, Dr. Muhammad Hasan Mahmud, MP, Honorable Minister, Ministry of Information, was present as the Chief Guest in the closing ceremony of the conference.

Considering the fundamental and applied areas of the disciplines as well as addressing cross-cutting issues, six sub-themes including 24 thematic areas were identified for the conference: Blue Economy: Global and Bay of Bengal Perspectives, Geo-Resources Exploration, Development and Management, Disaster Resilience and Sustainability, Environmental Perspectives on Population Dynamics and Regional Development, Meteorology, Weather Forecasting, and Application and Delta Processes and Management. UN Women, Bangladesh joined the conference with another thematic area entitled “Gender Sensitive Infrastructures”.

Scientific, technical and financial support were received from 22 national and international organizations, comprising academic institutions (viz. University of Dhaka, University College London), relevant public and private agencies, NGOs and scientific societies. In the conference, around 73 international participants from 20 countries and 580 local researchers attended. A total of 465 scientific articles were presented in 32 sessions. Eight hundred copies of conference book including 465 abstracts were printed and distributed among the participants including other conference materials.

A peer-reviewed journal, *The Dhaka University Journal of Earth & Environmental Sciences* has been published regularly under the Faculty since its inception. Since 2019, the journal (volume 8, number 1) is available in online and during this period, two issues of the journal (volume 8, number 1 and 2) have been published.

The Faculty at present consists of 77 teachers, over 900 students and 50 staffs. The Dean is the ex-officio Chair of the meetings of the Chairpersons of the Departments where academic matters and other

important issues related to students and faculties are discussed. The Dean convenes the meeting of the PhD sub-committee, the Faculty Journal Committee and chairs the Faculty meetings. All professors of the Five Departments take part in the faculty meetings; five meetings were held from 1 July 20120 to 30 June 2021.

Department of Geography and Environment (1948)

Chairman

Professor Dr. Nurul Islam Nazem

Professor

(1) Nurul Islam Nazem, M.Sc, M.Sc. (AIT, Thailand), Ph.D. (Durham, UK); (2) Mohammad Abdur Rob, M.Sc. M.Phil. & Ph.D. (AMU, India); (3) Hafiza Khatun, M.A, (JU), M.A. (Alberta, Canada), Ph.D; (4) Rejuan Hossain Bhuiyan, M.Sc, M. Demo., M.Phil. & Ph.D. (AMU, India); (5) Naznin Afrose Haq, M.Sc., Ph.D. (Salford, UK). (6) Nasreen Rafiq, M.Sc., M.A. (Miami, USA); (7) M. Shahidul Islam, M.Sc., Ph.D. (St. Andrews, UK); (8) Kazi Md. Fazlul Haq, M.Sc., Ph.D. (Bangalore, India); (9) Md. Maksudur Rahman, M.Sc., MURP (BUET), Ph.D. (Hull, UK); (10) Md. Humayun Kabir, M.Sc., M.Sc. (AIT, Thailand); Ph.D. (Berlin, Germany); (11) Nazmun Nahar, M.Sc; M.S. (Nagoya, Japan), Ph.D; (12) Md. Serajul Islam, M.Sc., M.Phil., Ph.D. (13) Md. Sofi Ullah, M.Sc, M.Phil.

Associate Professor

(1) Md. Jamal Khan, M.Sc., M.Phil. (2) Nahid Rezwana, M.Sc., M.S. (Kingston, UK), Ph.D. (Durham, U.K.).

Assistant Professor

(1) Md. Faruk Hossain, M.S., M.Sc. (AIT, Thailand); (2) S M Rafiqul Hasan, M.Sc., MGIS (Queensland, Australia), PGD (ANU, Australia); (3) Farzana Ahmed Mohuya, M.S. [On leave]; (4) Asib Ahmed, M.S., Ph.D. (Leeds, UK); (5) Md. Anwar Hossain, M.S, M.Sc. (Radboud, Netherlands), M.Sc. (Cardiff, U.K.).

Lecturer

(1) Nazmoon Nahar Sumiya, M.S, M.S (Manchester, UK); (2) Al-Artat-Bin-Ali, M.S; (3) Raisa Sultana, M.S.

Part-Time Teacher

1. Dr. Sirajul Hoque (Professor); 2. Dr. Delour Hossain (Professor); 3. Dr. Mafuza Khanom (Professor); 4. Dr. Md. Kamal Uddin (Professor); 5. Mr. Mohammad Mahub Quaisar (Associate Professor); 6. Dr. Debasis Kumar Kundu (Assistant Professor); 7. Mr. Syed Mahub Rahman (Assistant Professor, (BUET).

Principal Administrative Officer

Md. Shafiqul Islam, B. Sc.(Hons), M.Sc.

Senior Technical Officer

Kazi Ahmadul Islam, Draftsmanship Pass

Senior Cartographer

Md. Amran Hossain, B. S. (Hons), M.S. (Dhaka), Diploma in CSE, PGD (ESAD-CS), MCPD.

Number of Students

Classes	Session	No.of Student
Ph. D.	2019 - 2020	02
M. Phil	2019 - 2020	03
M. S.	2018 - 2019	76
4 th Year B S (Hons)	2019 - 2020	94
3 rd Year B S (Hons)	2019 - 2020	116
2 nd Year B S (Hons)	2019 - 2020	111
1 st Year B S (Hons)	2019 - 2020	125
	Total	527

Examinations Result

Year and class	Total No. of Examinee	Total Passed	Percentage of Pass
Ph.D. (Degree)		1	
M. Phil (Degree)			
Ph.D. (1 st Part) 2018	1	1	100
M. Phil, (1 st Part) 2017	2	2	100
M S, 2018 (Non-Thesis)	66	63	95.45
M S, 2018 (Thesis)	15	15	100
4 th Year B. S. (Hons), 2019	93	92	98.92
3 rd Year B. S. (Hons), 2019	93	89	95.70
2 nd Year B. S. (Hons), 2019	113	108	95.58
1 st Year B. S. (Hons), 2019	115	108	93.91

Administrative and Other Involvements of the Teachers

Teacher's Name	Responsibility
Professor Dr. Nurul Islam Nazem	Chairman (01.06.2020 to 30.06.2021), Department of Geography and Environment, University of Dhaka
Professor Dr. Naznin Afroze Huq	Director, Disaster Research Training and Management Centre, Department of Geography and Environment, University of Dhaka.
Professor Dr. Md. Maksudur Rahman	Assistant Proctor, Qazi Motahar Hossain Bhabon, Dhaka University.
Professor Dr. Md. Humayun Kabir	Student Advisor, Department of Geography and Environment, University of Dhaka.
Professor Dr. Nazmun Nahar	Student Advisor, Department of Geography and Environment, University of Dhaka.

Dr. Asib Ahmed	Assistant House Teacher, Fazlul Huq Muslim Hall, University of Dhaka.
Mr. Al-Artat Bin Ali	Assistant House Teacher, Salimullah Muslim Hall, University of Dhaka.

Research and Publications

Professor Dr. Md. Humayun Kabir

Article and Book

Book Chapter

1. Ahmed, Z. and Kabir, M.H. (2021). Adaptation to Agriculture in Climate Change: A Study in Jamuna River Char Areas. In Mohammad Zaman and Mustafa Alam edited *Living on the Edge: Toward an Inclusive and Integrated Char Development in Bangladesh*. Springer, 275-289.
2. Khatun, H., Kabir, M.H. and Nahar, L. (2021). Outmigration as Survival Strategy for Char Dwellers in Bangladesh: Case Studies of Three Major Riverine Chars. . In Mohammad Zaman and Mustafa Alam edited *Living on the Edge: Toward an Inclusive and Integrated Char Development in Bangladesh*. Springer, 307-322.

Article

3. Hossain, M. A. and Kabir, M.H. (2021) (accepted). Attaining Nationally Determined Contributions of Bangladesh through Greenhouse Gas Emission Reduction: Role of Solar PV Systems, *The Dhaka University Journal of Earth and Environmental Sciences* (Centennial Volume).
4. Sumiya, N.N and Kabir, M.H. (2021). Unveiling the Concealed Vulnerabilities to Covid-19 of Low-Income People in Dhaka City: Consequences and Adjustments, *The Dhaka University Journal of Earth and Environmental Sciences*, 10 (2): 9-20.
5. Kabir, M.H., Ahmed, I., von Meding, J., Forino, G. and Ghosh, A.K. (2020). Impacts of Prolonged Waterlogging on Educational Continuity at Schools in Peri-Urban Areas of Dhaka, Bangladesh, *The Dhaka University Journal of Earth and Environmental Sciences* , 9 (1): 13-24.

6. Ahmed, I. and Kabir, M.H. (2020). Building Codes and Regulations for Disaster Resilience in Bangladesh: The Case of Dhaka, *International Journal of Disaster in the Built Environment*, 12 (5): 540-554.

Dr. Nahid Rezwana, Associate Professor

Research and Publications

Research 1:

"Impact of COVID-19 on household income and social inequalities: women's role in recovery and resilience"

Research 2:

"Understanding the dynamics among trust, knowledge exchange, informal learning and skills developments in the rural communities of Bangladesh" funded by United International University, Dhaka, Bangladesh, Duration: 2019-2021.

Article

Ibrahim, F. B., Rahman, M. M., & Rezwana, N. (2019). Non-response to Early Warning: A Comparative Study of Three Recent Cyclones in Bangladesh. *The Dhaka University Journal of Earth and Environmental Sciences*, 8 (1), 53-60.

Published: 19/12/2020

Others

Supervising two MSc Thesis students (main supervisor) and one PhD Student (Co-supervisor)

Dr. Asib Ahmed, Assistant Professor

Research

- "Integration of local community in sustainable forest management in the central coastal area of Bangladesh" is part of the research granted by the Faculty of Earth and Environmental Sciences, University of Dhaka.

- “Eliciting the impacts of pre-monsoon extreme weather events and associated factors on rice yields in selected areas of Bangladesh” is part of the research granted by the Faculty of Earth and Environmental Sciences, University of Dhaka.

Article and Book

Article

- **Ahmed, A.**, Drake, F., Woulds, C. and Nawaz, R. (2020). Prioritizing the weighted resilience of coastal community to build the capacity of protecting erosion in the coastal areas of Bangladesh. *Oriental Geographer*. 61(1&2), 1-22. ISSN 00305308
- Das, M., Nahar, N., **Ahmed, A.** and Nandi, R. 2020. Women's participation in decision making structures and processes: A case study on the local government institution in Bangladesh. *Social Science Review. The Dhaka University Studies (Part-D)*, vol. 37 (2).

Book Chapter

- Jahan, T., Nahar, N. and **Ahmed, A.** 2021. Impact of climate-induced cyclonic disaster on sustainable livelihood assets and its relevance to household food security: A case study in the coastal area of Bangladesh. In: *Bangladesh II: Climate Change Impacts, Mitigation and Adaptation in Developing Countries*, Nazrul, M. and Amstel, V.A. (Eds.), Springer, USA.

Nazmoon Nahar Sumiya, Lecturer

Research

1. Co-investigator of a project titled “Eliciting the Impacts of Premonsoon Extreme Weather Events and Associated Factors on Rice Yields in Selected Areas of Bangladesh”, Funded by the Faculty of Earth and Environmental Sciences, University of Dhaka.

Publication

1. Khatun, H., Sumiya, N. N. and Ali, A. A. B., (2019): Achieving Sustainable Development Goals in Bangladesh: Does Population Density Matter?, *The Dhaka University Journal of Earth and Environmental Sciences*, 8(2): 1-15, published on 30 January 2021.

Mr. Al-Artat Bin Ali, Lecturer

Research and Publications

1. Islam, M.S., Akter, E., Debnath, P., Islam, M.S. and Ali, A.A.B. (2021). Characteristics of Sediment in the Inner Shelf Zone of Bangladesh, *Bangladesh Maritime Journal*, Special Issue, June 2021, Bangabandhu Sheikh Mujibur Rahman Maritime University, Bangladesh, pp.179-194. (ISSN 2520-1840)
2. আলী, এ. এ. বি. এবং তোয়া, এস. এস. (২০২১). বাংলাদেশে করোনা ভাইরাসের বিস্তার ও অর্থনীতিতে প্রভাব : একটি পর্যালোচনা, *ভূগোল ও পরিবেশ জার্নাল*, বাংলাদেশ ভূগোল পরিষদ, ১১ তম বর্ষ, প. ২২ - ৪০।

Department of Geology (1949)

Chairman

Professor Dr. Md. Aziz Hasan, M.Sc. , Ph.D. (Royal Institute of Technology, Sweden)

Professor

(1) A.S.M. Woobaid Ullah (on LPR), M. Sc. & Ph. D. (Azerbaijan Academy of Science), Post Doc. (Vienna University); (2) Muhammad Qumrul Hassan, M. Sc., M. S. (C.A.U., Kiel), Ph.D. & Post-doc (FU-Berlin); (3) Syed Humayun Akhter (on LPR) M. Sc., Ph. D. (IIT, Kharagpur); (4) Md. Shohrab Hossain, M. Sc. (IIT, Dhanbad), Ph. D. (IIT, Roorkee); (5) Kazi Matin Uddin Ahmed, M. Sc., Ph. D. (University College, London); (6) Md. Aziz Hasan, M. Sc. , Ph. D. (Royal Institute of Technology, Sweden); (7) Muhammad Azizul Huque (on LPR) M. Sc., Ph. D. (IIT, Dhanbad); (8) Subrota Kumar Saha, M. Sc., Ph. D. (Punjab University, India); (9) Chowdhury Qumruzzaman (on LPR), M. Sc., Ph. D. (Peoples Friendship University, RUDN, Moscow); (10) Md. Bodruddoza Mia, M. Sc., Ph. D. (Kyushu University, Japan); (11) Md. Anwar Hossain Bhuiyan, M. Sc., Ph. D. (Norwegian University of Science & Technology, Norway).

Associate Professor

(1) Md. Saiful Islam [on study leave], M.S., M. Phil. (Dhaka); (2) Tanzeer Hasan [on study leave], M. S., MEdSc. (Memorial University of Newfoundland, Canada); (3) Sanzida Murshed [on study leave], M.S., M. Sc. (University of New South Oils, Australia); (4) Md. Mostafizur Rahman, M.S., Ph. D. (University of Abardean, U.K).

Assistant Professor

(1) Sarmin Sultana, M.S.; (2) Md. Ashrafur Islam [on study leave], M.S., M. Tec. (I.I.R.S., Andhra University, India); (3) S.M. Mainul Kabir [on study leave] M.S.; (4) Md. Jahangir Alam, M.S.; (5) Md. Mahfuzur Rahman Khan, M.S., Ph. D. (University of Delaware).

Lecturer

(1) Nazia Nawrin, M.S., M. Sc. (University of Guelph, Canada); (2) Janifar Hakim Lupin, M.S., M. Sc. (Imperial College, London); (3) Shakhawat Hossain, M.S., M. Sc. (Chula lanker University, Thailand); (4) Md. Yousuf Gazi, M.S.; (5) Masuma Chowdhury, M.S.; (6) Mahmud Al Noor Tushar, M.S.

Honorary Professor

(1) Professor Badrul Imam, M. Sc., DIC, M. Sc. and Ph. D. (Imperial College, London), Post-doc (University of Abardean, U.K); (2) Professor M. Mustafa Alam, M. Sc. (USSR), Ph.D. (A.N.U., Australia).

Part-Time Teacher

(1) Md. Abdus Sattar, M. Sc., Ph.D. (University of Warwick, UK); (2) Aminul Islam Talukder, M.Sc., Ph. D. (Shizuoka University, Japan); (3) M. Emran Quayum, M.Sc., Ph. D. (Hokkaido University, Japan); (4) Md. Zavid Iqbal Bangalee, M.S., Ph. D. (National Cheng Kung University, Taiwan); (5) Md. Asadujjaman. M.S.; (6) Md. Kamrul Hasan, M.S.

Student Profile

Admission Year	Present Admission Year	Total Students
1 st Year 2019-2020	1 st Year Hons. 2019-2020	62
1 st Year 2018-2019	2 nd Year Hons. 2019-2020	50
1 st Year 2017-2018	3 rd Year Hons. 2019-2020	42
1 st Year 2016-2017	4 th Year Hons. 2019-2020	35

1 st Year 2015-2016	M.S. 2019-2020	34
1 st Year 2014-2015	M.S. 2018-2019	32
	M. Phil. 2020-2021	01
	M. Phil. 2019-2020	02
	Ph. D. 2020-2021	03
	Ph. D. 2018-2019	01
	Ph. D. 2017-2018	01

Total: 263**Field Courses**

Geological fieldwork in the Chittagong, Chittagong Hill Tracts, Sylhet and other geologically important places of Bangladesh as an essential and integral part of the curriculum of the 1st, 2nd, 3rd and 4th year BS Honours program. The field courses could not be conducted during the academic session due to COVID-19 pandemic.

Duties and responsibilities of the academic staff

Prof. Dr. Md. Aziz Hasan continued as the Chairman of the Department.

Prof. Dr. Md. Hussain Monsur acted as the Director of the Delta Study Centre while Mr. S.M. Mainul Kabir, Assistant Professor, Mr. Md. Jahangir Alam, Assistant Professor and Dr. Md. Mahfuzur Rahman Khan, Assistant Professor of Geology Department acted as members of the Board of Governors of the Centre until 10 February 2021. Prof. Dr. Kazi Matin Uddin Ahmed is acting as the Director of the Centre while Prof. Dr. Md. Bodruddoza Mia, Prof. Dr. Md. Anwar Hossain Bhuiyan and Dr. Md. Mostafizur Rahman, Associate Professor as the members of the Board of Governors since 11 February 2021.

Prof. Dr. Md. Shohrab Hossain served as a member of the Editorial Board of the *Dhaka University Journal of Science* & Prof. Dr. A.S.M. Woobaid Ullah served as the Editor of *The Journal of Earth and Environmental Sciences*.

Mr. Md. Jahangir Alam (Assistant Professor) and Mrs. Masuma Chowdhury (Lecturer) served as the Student Advisors and Mr. Shakhawat Hossain was in-charge of games and sports of the Department.

Co-curricular activities

Students of the Department took active part in the departmental and inter-departmental games. The members of the Geo-Debating Club (GDC), Geo-Cultural Club (GCC) and Geo-Photographic Club (GPC) organize debating competition, cultural program and photographic exhibition. Student also organized seminars under the student chapters of international professional organizations such as AAPG, SPE and SEG.

Publications & Research Works (2020-2021)

Prof. Dr. Kazi Matin Uddin Ahmed

Research Publication

1. Chakraborty, M., Mukherjee, A., & Ahmed, K. M. (2021). Transboundary groundwater of the Ganges–Brahmaputra–Meghna River delta system. In *Global Groundwater* (pp. 129-141). Elsevier
2. Ahmed, K. M. (2021). Challenges of sustainable groundwater development and management in Bangladesh: vision 2050. In *Global Groundwater* (pp. 425-438). Elsevier.
3. Naus, F. L., Burer, K., van Laerhoven, F., Griffioen, J., Ahmed, K. M., & Schot, P. (2020). Why do people remain attached to unsafe drinking water options? Quantitative evidence from Southwestern Bangladesh. *Water*, 12(2), 342.
4. Shamsudduha, M., Joseph, G., Haque, S. S., Khan, M. R., Zahid, A., & Ahmed, K. M. U. (2020). Multi-hazard groundwater risks to water supply from shallow depths: challenges to achieving the sustainable development goals in Bangladesh. *Exposure and Health*, 12(4), 657-670.
5. Mihajlov, I., Mozumder, M. R. H., Bostick, B. C., Stute, M., Mailloux, B. J., Knappett, P. S., ... & van Geen, A. (2020). Arsenic contamination of Bangladesh aquifers exacerbated by clay layers. *Nature communications*, 11(1), 1-9.
6. Naser, A. M., Rahman, M., Unicomb, L., Parvez, S. M., Islam, S., Doza, S., ... & Clasen, T. F. (2020). Associations of drinking rainwater

with macro-mineral intake and cardiometabolic health: a pooled cohort analysis in Bangladesh, 2016–2019. *NPJ clean water*, 3(1), 1-11.

7. Nowreen, S., Taylor, R. G., Shamsudduha, M., Salehin, M., Zahid, A., & Ahmed, K. M. (2020). Groundwater recharge processes in an Asian mega-delta: hydrometric evidence from Bangladesh. *Hydrogeology Journal*, 28(8), 2917-2932.
8. Chakraborty, M., Sarkar, S., Mukherjee, A., Shamsudduha, M., Ahmed, K. M., Bhattacharya, A., & Mitra, A. (2020). Modeling regional-scale groundwater arsenic hazard in the transboundary Ganges River Delta, India and Bangladesh: Infusing physically-based model with machine learning. *Science of The Total Environment*, 748, 141107.1

Prof. Dr. Md. Aziz Hasan

Research Publication:

1. Chowdhury, K. I. A., Nurunnahar, S., Kabir, M. L., Islam, M. T., Baker, M., Islam, M. S., ... & Forsyth, J. E. (2021). Child lead exposure near abandoned lead acid battery recycling sites in a residential community in Bangladesh: Risk factors and the impact of soil remediation on blood lead levels. *Environmental Research*, 194, 110689.

Prof. Dr. Subrota Kumar Saha

Research Publication:

1. Tajwar, M., Gazi, M. Y., & Saha, S. K. (2021). Characterization and Spatial Abundance of Microplastics in the Coastal Regions of Cox's Bazar, Bangladesh: An Integration of Field, Laboratory, and GIS Techniques. *Soil and Sediment Contamination: An International Journal*, 1-25.
2. Tajwar, M., Saha, S. K., & Gazi, M. Y. (2021). Soil Contamination Assessment by Trace Elements in Barapukuria Coal Mine Region, Bangladesh. *Journal homepage: <http://iieta.Org/journals/eesrj>*, 8(1), 1-10.
3. Saha, T., Tushar, M. A. N., Debnath, P., & Saha, S. K. (2021). Spatio-Temporal Distribution of Microforams in the Sundarbans Mangrove Forest, Bangladesh: Response to Ecological Imbalance. In *Sundarbans Mangrove Systems* (pp. 109-124). CRC Press.

Research Works:

1. Benthic Foraminifera Response to Ecosystem Pollution and Evaluating Performance of Stress index in the Cox's Bazar-Teknaf Coast, Bangladesh; funded by Ministry of Science and Technology.

Prof. Dr. Md. Bodruddoza Mia**Research Publication:**

1. Saibi, H., Mia, M., Bierre, M., & El Kamali, M. (2021). Application of remote sensing techniques to geothermal exploration at geothermal fields in the United Arab Emirates. *Arabian Journal of Geosciences*, 14(13), 1-11.
2. Akter, T., Gazi, M. Y., & Mia, M. B. (2021). Assessment of land cover dynamics, land surface temperature, and heat island growth in northwestern Bangladesh using satellite imagery. *Environmental Processes*, 8(2), 661-690.
3. Tania, A. H., Gazi, M. Y., & Mia, M. B. (2021). Evaluation of water quantity-quality, floodplain landuse, and land surface temperature (LST) of Turag River in Bangladesh: an integrated approach of geospatial, field, and laboratory analyses. *SN Applied Sciences*, 3(1), 1-18.
4. Sultana, M. S., Gazi, M. Y., & Mia, M. B. (2021). Multiple indices based agricultural drought assessment in the northwestern part of Bangladesh using geospatial techniques. *Environmental Challenges*, 4, 100120.
5. Morifuji, Y., Fujimitsu, Y., Nishijima, J., Mia, M. B., & Onizuka, S. (2021). Analysis of Heat Discharge Rate in Geothermal Areas Using Remote Sensing Techniques: Case Study of Unzen Geothermal Area, Japan; Papandayan and Tangkuban Perahu Geothermal Area, Indonesia. *Pure and Applied Geophysics*, 1-16.

Research Works:

1. Relationship between Urban Environmental Components and Dengue Prevalence in Dhaka city – An approach of spatio-temporal analysis of satellite remote sensing, hydro-climatic and census dengue data; funded by Ministry of Science and Technology.

Prof. Dr. Md. Anwar Hossain Bhuiyan**Research Publication**

1. Bhuiyan, A. H., & Hossain, S. (2020). Petrographic characterization and diagenetic evaluation of reservoir sandstones from Smørbrukk and Heidrun fields, offshore Norway. *Journal of Natural Gas Geoscience*, 5(1), 11-20.

Research Works

1. Evaluation of Chhatak-2 (Tengratila) gas-blowouts to find out the causes of the explosion and to estimate their adverse effect in the field development and economy; funded by Ministry of Science and Technology.

Mrs. Sarmin Sultana**Research Publication**

1. Ahmed, K.M., Sultana S., and Chowdhury, T, Islam R, Delwaruzzaman M, Alam S M M, Tuinhof, A., Ravenscroft, P., Onabolu, B., Akhter, N., Mahmud M N, Rahman M.S., Ghosh S.K. and Zheng, Y "Case Study 1: A resilient drinking water supply using aquifer storage and recovery for coastal communities in Batiaghata, Khulna, Bangladesh (in." *Managing Aquifer Recharge: A Showcase for Resilience and Sustainability..* Zheng, Y. et al (eds.) A UNESCO-IAH-GRIPP Publication, 2020 p76-82.

Dr. Md. Mostafizur Rahman**Research Works**

1. Outcrop analogues study and reservoir modeling for better understanding the sandbody heterogeneity of the gas fields in Bangladesh; funded by Ministry of Science and Technology.

Dr. Md. Mahfuzur Rahman Khan**Research Publication**

1. Mozumder, M. R. H., Michael, H. A., Mihajlov, I., Khan, M. R., Knappett, P. S. K., Bostick, B. C., ... & van Geen, A. (2020). Origin of groundwater arsenic in a rural Pleistocene aquifer in Bangladesh depressurized by distal municipal pumping. *Water resources research*, 56(7), e2020WR027178.

2. Shamsudduha, M., Joseph, G., Haque, S. S., Khan, M. R., Zahid, A., & Ahmed, K. M. U. (2020). Multi-hazard groundwater risks to water supply from shallow depths: challenges to achieving the sustainable development goals in Bangladesh. *Exposure and Health*, 12(4), 657-670.

Mrs. Janifar Hakim Lupin

Research Publication

1. Islam, M. R., & Lupin, J. H. (2020). A Review on Hydrocarbon Prospectivity in Chittagong Hill Tracts and Adjacent Area. *Open Journal of Geology*, 10(2), 187-212.
2. Lupin, J. H., & Hampson, G. J. (2020). Sediment-routing controls on sandstone bulk petrographic composition and texture across an ancient shelf: Example from Cretaceous Western Interior Basin, Utah and Colorado, USA. *Journal of Sedimentary Research*, 90(10), 1389-1409.

Mr. Shakhawat Hossain

Research Publication

1. Bhuiyan, A. H., & Hossain, S. (2020). Petrographic characterization and diagenetic evaluation of reservoir sandstones from Smørbukk and Heidrun fields, offshore Norway. *Journal of Natural Gas Geoscience*, 5(1), 11-20.

Research Works

1. Outcrop analogues study and reservoir modeling for better understanding the sandbody heterogeneity of the gas fields in Bangladesh; funded by Ministry of Science and Technology.

Mr. Md. Yousuf Gazi

Research Publication

1. Gazi, M. Y., Apu, S. I., Sharmili, N., & Rahman, M. Z. (2021). Origin and characterization of clay deposits in the Dupi Tila Formation of the Bengal Basin, Bangladesh. *Solid Earth Sciences*, 6(3), 313-327.
2. Tajwar, M., Saha, S. K., & Gazi, M. Y. (2021). Soil Contamination Assessment by Trace Elements in Barapukuria Coal Mine Region,

Bangladesh. Journal homepage: <http://iieta.org/journals/eesrj>, 8(1), 1-10.

3. Sultana, M. S., Gazi, M. Y., & Mia, M. B. (2021). Multiple indices based agricultural drought assessment in the northwestern part of Bangladesh using geospatial techniques. *Environmental Challenges*, 4, 100120.
4. Tajwar, M., Gazi, M. Y., & Saha, S. K. (2021). Characterization and Spatial Abundance of Microplastics in the Coastal Regions of Cox's Bazar, Bangladesh: An Integration of Field, Laboratory, and GIS Techniques. *Soil and Sediment Contamination: An International Journal*, 1-25.
5. Akter, T., Gazi, M. Y., & Mia, M. B. (2021). Assessment of land cover dynamics, land surface temperature, and heat island growth in northwestern Bangladesh using satellite imagery. *Environmental Processes*, 8(2), 661-690.
6. Tania, A. H., Gazi, M. Y., & Mia, M. B. (2021). Evaluation of water quantity–quality, floodplain landuse, and land surface temperature (LST) of Turag River in Bangladesh: an integrated approach of geospatial, field, and laboratory analyses. *SN Applied Sciences*, 3(1), 1-18.
7. Gazi, M. Y., Hossain, F., Sadeak, S., & Uddin, M. M. (2020). Spatiotemporal variability of channel and bar morphodynamics in the Gorai-Madhumati River, Bangladesh using remote sensing and GIS techniques. *Frontiers of Earth Science*, 14(4), 828-841.
8. Gazi, M. Y., Roy, H., Mia, M. B., & Akhter, S. H. (2020). Assessment of Morpho-Dynamics through Geospatial Techniques within the Padma-Meghna and Ganges-Jamuna River Confluences, Bangladesh. *KN-Journal of Cartography and Geographic Information*, 70(3), 127-139.
9. Gazi, M. Y., Mowsumi, T. J., & Ahmed, M. K. (2020). Detection of Coral Reefs Degradation using Geospatial Techniques around Saint Martin's Island, Bay of Bengal. *Ocean Science Journal*, 55(3), 419-431.

Research Works

1. Assessment of Morpho-Dynamics through Geospatial Techniques within the Padma-Meghna and Ganges-Jamuna River Confluences, Bangladesh; funded by Ministry of Science and Technology.
2. Origin of Clay deposits in the plio-pleistocene Dupitila formation, Bengal basin, Bangladesh; funded by University of Grants Commission.

Mrs. Masuma Chowdhury**Research Works**

1. Evaluation of Chhatak-2 (Tengratila) gas-blowouts to find out the causes of the explosion and to estimate their adverse effect in the field development and economy; funded by Ministry of Science and Technology.

Mr. Mahmud Al Noor Tushar**Research Publication**

1. Saha, T., Tushar, M. A. N., Debnath, P., & Saha, S. K. (2021). Spatio-Temporal Distribution of Microforams in the Sundarbans Mangrove Forest, Bangladesh: Response to Ecological Imbalance. In Sundarbans Mangrove Systems (pp. 109-124). CRC Press.
2. Rahman, M., Tushar, M. A. N., Zahid, A., Mustafa, M. G., Siddique, M. A. M., & Ahmed, K. M. (2021). Spatial distribution of manganese in groundwater and associated human health risk in the southern part of the Bengal Basin. Environmental Science and Pollution Research, 1-10.
3. Rahman, M., Tushar, M. A. N., Zahid, A., Ahmed, K. M. U., Siddique, M. A. M., & Mustafa, M. G. (2021). Spatiotemporal distribution of boron in the groundwater and human health risk assessment from the coastal region of Bangladesh. Environmental Science and Pollution Research, 28(17), 21964-21977.

Research Works

Benthic Foraminifera Response to Ecosystem Pollution and Evaluating Performance of Stress index in the Cox's Bazar-Teknaf Coast, Bangladesh; funded by Ministry of Science and Technology.

Department of Oceanography (2012)**Chairman**

Mr. Md. Jobaer Alam, M S, M. Phil (USA)

Professor

Md. Kawser Ahmed, M S C, Ph.D (Tokyo) [Deputation]

Assistant Professor

(1) Mr. Abu Hena Muhammad Yousuf, M S [Study Leave]; (2) Mr. Mir Shariful Islam, MS [Study Leave]; (3) Mr. Md. Atikul Islam, MS [Study Leave]; (4) Dr. K M Azam Chowdhury, MS, Ph. D (China).

Lecturer

(1) Mrs. Linia Tasmim, MS [Study Leave]; (2) Mr. Mahmudul Hasan, MS; (3) Mr. Zarif Hossain, MS [Study Leave]; (4) Nushrat Jahan Shimu, MS; (5) Samiha Shafinaz Shreya, MS.

Part-Time teacher (Not on the basis of seniority)

Prof. Dr. Md. Mobarak Hossain, Honorary Professor, Dept of Applied Mathematics, DU; Prof. Dr. Moniruzzaman Khandaker, Dept. of Botany, DU; Dr. Hasna Mahmud, Minister, Ministry of Information & Broadcasting, Government of the people's Republic of Bangladesh; Prof. Dr. Md. Zillur Rahman, Dept. of Disaster Science & Management, DU; Prof. Dr. Md. Ferdous, Dept of Applied Mathematics, DU; Prof. Dr. Md. Monirul Islam, Dept. of Fisheries, DU; Rear Admiral (Retd.) Md. Khorshed Alam, Secretary(M A U), Ministry of Foreign Affairs, Government of the people's Republic of Bangladesh; Dr. Md. Abdul Mannan BMD, Bangladesh; Prof. Dr. Prodip Kumer Bakshi, Dept. of Chemistry, DU; Prof. Dr. Nasreen Akter, Dept. of Physics, BUET; Prof. Dr. Mohammad Shamsur Rahman, Dept. of Fisheries, DU; Prof. Dr. Shafiqul Islam, Dept. of Applied Mathematics, DU; Dr. Anower Hossain, Associate Professor, Dept. of Fisheries, DU; Dr. Md. Habibullah-Al-Mamun, Assistant Professor, Dept. of Fisheries, DU; Dr. Abul Kalam Azad, Assistant Prof. Dept. of EEE, DU; Dr. ABM Shahadat Hossain, Associate Prof. Dept of Applied Mathematics, DU; Dr. Md. Kamruzzaman, Associate Professor, Dept. of Mathematics, DU; Mr. Md.

Mahidul haque Prodhan, Assistant Professor, Dept. of Nuclear Eng. DU;
Dr. Md. Shariful Islam, Dept. of Mathematics, DU; Mr. Kajol Chandra
Shaha, Assistant Prof. Dept. of Applied Math, DU.

Number of student

Class	Session	Number
M S 2 nd semester	2018-2019	14
M S 1 st semester	2019-2020	18
M S 2 nd semester	2019-2020	18
B S (Hons) 8 th Semester	2016-2017	18
B S (Hons) 7 th Semester	2016-2017	18
B S (Hons) 6 th Semester	2017-2018	29
B S (Hons) 5 th Semester	2017-2018	28
B S (Hons) 4 th Semester	2018-2019	20
B S (Hons) 3 rd Semester	2018-2019	20
B S (Hons) 2 nd Semester	2019-2020	23
B S (Hons) 1 st Semester	2019-2020	23
Total		229

Exam. Result (From July 2020 to June 2021, no exams were conducted due to Covid-19 and no results were released.)

Publications

Dr. K M Azam Chowdhury, Assistant Professor, Dept. of oceanography, DU

1. Mili M. I. J., Chowdhury K. M. A., Jahan N., Akter F. Distribution of Biochemical Oceanography in the Bay of Bengal: A Review. *Bangladesh Maritime Journal*, Vol-5, Issue-1, ISSN 2519-5972. January 2021.
2. Chowdhury K. M. A., Jiang W. S., Liu G. M., Ahmed M. K., Akhter S. Spatiotemporal variation and mechanisms of temperature inversion in the Bay of Bengal and eastern equatorial Indian Ocean, *Acta Oceanologica Sinica*, Accepted on 11 June 2021.

Mr. Mahmudul Hasan, Lecturer, Dept. of oceanography, DU

1. MH. Islam, M. A., Murshed, S., & Hasan, M. (2020). Selecting suitable landfill site with multi-criteria evaluation and GIS: a case of Savar upazila in Bangladesh. *Arabian Journal of Geosciences*, 13(18), 1-15.

Department of Disaster Science and Management (1949)

Chairman

Md. Shakhawat Hossain, M.S, M.Phil

Professor

(1) A S M Maksud Kamal, M.S, Ph.D.; (2) Md. Zillur Rahman, M.Sc, Ph.D.; (3) Khaled Hasan, M.S, Ph.D.

Associate Professor

Dewan Mohammad Enamul Haque, M.Sc, M.Phil. [study Leave].

Assistant Professor

(1) Md. Marufur Rahman, (M.S) [study Leave]; (2) B.M. Rabby Hossen, (M.S) [study Leave]; (3) Abrar Hossain, (M.S); (4) S.M. Kamrul Hassan, (M.S.S, M.Phil); (5) Nushrat Tashmin, (M.S.S).

Lecturer

(1) Md. Selim, (M.S) [study Leave]; (2) Md. Izazul Haque, (M.S) [study Leave]; (3) Khandakar Aurib (M.Eng.); (4) Shamima Ferdousi Sifa, (M.S); (5) Tanzim Hayat (M.S).

Student Advisor

S.M. Kamrul Hassan

Students Information

Session	Classes	Number of Students
2019-2020	B.S. Hons 1 st year	45
2018-2019	B.S. Hons 2 nd year	23
2017-2018	B.S. Hons 3 rd year	28
2016-2017	B.S. Hons 4 th year	13
2019-2020	M.S. 1 st Semester	19
2018-2019	M.S. 2 nd Semester	18
Total Number of Students:		146

Examination Results

Exam	No. of Examinee	Total Passed	Percentage of Pass
B.S. Hons 1 st year 1 st Semester	45	Results not Published	
B.S. Hons 1 st year 2 nd Semester			
B.S. Hons 2 nd year 3 rd Semester	24		
B.S. Hons 2 nd year 4 th Semester			
B.S. Hons 3 rd year 5 th Semester	28		
B.S. Hons 3 rd year 6 th Semester			
B.S. Hons 4 th year 7 th Semester	14		
B.S. Hons 4 th year 8 th Semester			
M.S. 1 st Semester (2019-2020)	19		
M.S. 2 nd Semester (2019-2020)			
M.S. 2 nd Semester (2018-2019)	16	13	81.25%
Total	146	13	81.25%

Sl.	Name	Post	Address
1.	Prof. Dr. A S M Woobaid Ullah	Professor	Dept. Of Geology, D.U.
2.	Dr. Subrota Kumar Saha	Professor	Dept. of Geology, D.U.
3.	Dr. Md. Maksudur Rahman	Professor	Dept. Of Geography and Environment, D.U

4.	Dr. Azmeri Khan	Professor	ISRT, DU
5.	Dr. Md. Anower Hossain	Associate Professor	ISRT, DU
6.	Mr. Touhid Hossain	Assistant Professor	Dept. of Mathematics, D.U.
7.	Dr. Md. Shafiqul Islam	Professor	Dept. of Applied Mathematics, D.U.
8.	Md. Saeed Siddik	Lecturer	IIT, D.U.
9.	Md. Abdul Khaleque	Assistant Professor	Dept. of Development Studies, D.U.
10.	Raquib Ahsan	Professor	Dept. of Civil Engineering, BUET
11.	Mohammad Abdul Qayyum	Former Director General	Bangladesh Rural Development Board
12.	Dr. Mohammad Abdul Wazed	Former Director General	Department of Disaster Management
13.	Taslima Imam,	Senior Meteorologist	Bangladesh Meteorological Department
14.	Dr. Anwar Zahid,	Director	Ground Water Hydrology, Bangladesh Water Development Board
15.	Dr. Eng. Khurshid Zabin Hossain Taufique	Project Director	Mymensingh Strategic Development Plan
16.	Dr. Bidyuth Kumar Mahalder	National Programme Coordinator	Food and Agriculture Organization of the United Nations, FAO Field Office, Hotel Shaibal, Cox's Bazar
17.	Dr. Shantana Rani Halder	Monitoring and Evaluation Specialist	National Agricultural Technology Program (NATP-2), Ministry of Agriculture

18.	Md. Hossain	Jakir	Geologist	Bangladesh Water Development Board, BWDB
19.	Dr. Md. Kabir	Iqbal	Coordinator,	Climate Change and Health Promotion Unit, Ministry of Health and Family Welfare, 14/2, Topkhana Road, Dhaka
20.	Md. Abdul Mannan		Meteorologist	Bangladesh Meteorological Department
21.	Netai Chandra Dey Sarker		Assistant Director (GIS)	Department of Disaster Management, Ministry of Disaster Management and Relief
22.	Reshad Md. Ekram Ali		Former Director General	Geological Survey of Bangladesh

Publications

Books

Julian Henry Francis, Suman Ahsanul Islam, Dewan Mohammad Enamul Haque, Tanzina Hoque and Tafhimur Rahman *Review Report: 2020 Cyclone & floods in Bangladesh - Ongoing Emergency Response & Recovery*. Dhaka: UN OCHA Services & Care International, 2021.

Book Section

Dewan Mohammad Enamul Haque, Tonoy Mahmud, Azmery Iqbal Afnan, Shamima Ferdousi Sifa and Md. Kamruzzaman Tusar "Remote Sensing of the Mangroves." *Sundarbans Mangrove Systems: A Geo-Informatics Approach*. CRC Press, Taylor and Francis Group, 2021 <https://www.routledge.com/Sundarbans-Mangrove-Systems-A-Geo-Informatics-Approach/Mukhopadhyay-Mitra-Hazra/p/book/9780367538811>

Journal Articles

1. ASM Maksud Kamal, Momtahina Mitu, Md Shakhawat Hossain, M Moklesur Rahman and Md Zillur Rahman : Seismic Hazard Analysis for the South-Central Coastal Region of Bangladesh Considering the Worst-Case Scenario, *Pure and Applied Geophysics Springer* , pp.1--18 , 2021 .
2. A. S. M. Maksud Kamal, Momtahina Mitu, Md. Shakhawat Hossain, M. Moklesur Rahman and Md. Zillur Rahman : Seismic Hazard Analysis for the South-Central Coastal Region of Bangladesh Considering the Worst-Case Scenario, *Pure and Applied Geophysics (impact factor:1.586)* , 2021 .
3. Tonoy Mahmud, Shamima Ferdousi Sifa, Nafisa Nuari Islam, Md. Asif Rafsan, A. S. M. Maksud Kamal, Md. Shakhawat Hossain, Md. Zillur Rahman and Tapas Ranjan Chakraborty : Drought dynamics of Northwestern Teesta Floodplain of Bangladesh: a remote sensing approach to ascertain the cause and effect, (impact factor:1.903) , 2021 .
4. Md. Zillur Rahman, Sumi Siddiqua and A. S. M. Maksud Kamal : Site response analysis for deep and soft sedimentary deposits of Dhaka City, Bangladesh, *Natural Hazards (impact factor:2.427)* , 2021 .
5. Hossain, M. S., K. Chaitanya, Y. Bhattacharya, M. Numada, A. S. M. M. Kamal, and K. Meguro. "Integration of smart watch and geographic information system (GIS) to identify post-earthquake critical rescue area part. II. Analytical evaluation of the system." *Progress in Disaster Science* 9 (2021): 100132.
6. Hayat, Tanzim, ASM Maksud Kamal, Md Shakhawat Hossain, Saiyeba Zaman, BM Rabby Hossain, and Tapas Ranjan Chakraborty. "Accessibility Analysis of Cyclone Shelters-A Case Study for Atulia Union, Satkhira, Bangladesh." *Journal of the Asiatic Society of Bangladesh, Science* 46, no. 2 (2020): 163-178.
7. Masaba Tasneem Sahebi, Md. Marufur Rahman and M. Maksudur Rahman : Fire Risk Situation Analysis in the Nimtoli Area of Old Dhaka, *The Journal of the Asiatic Society of Bangladesh Science* , vol.46 , no.1 , pp.91-102 , 2020 .
8. Hossain, M. S., C. K. Gadagamma, Y. Bhattacharya, M. Numada, N. Morimura, and K. Meguro. "Integration of smart watch and Geographic

Information System (GIS) to identify post-earthquake critical rescue area part. I. Development of the system." *Progress in Disaster Science 7* (2020): 100116.

Sl.	Subject	Date	Address
1.	Climate and Disaster Resilience Club (CDRC) published a magazine "Altruist" and arranged a webinar ar on celebrate the "International Day for Disaster Reduction".	13th October 2020	Department of Disaster Science and Management (online)
2.	Climate and Disaster Resilience Club (CDRC) arranged a webinar on to share the experience and research themes with Planetary Science Group, Geology and Geophysics, Louisiana State University, USA	18th December 2020	Department of Disaster Science and Management (online)

Note: The programs are held online due to COVID-19 pandemic situation

Department of Meteorology (2016)

Chairperson

Professor Towhida Rashid, Ph.D.

Professor

Towhida Rashid, Ph.D.

Assistant Professor

Fatima Akter, Ph.D.

Lecturer

(1) Miss Shammi Akhter, M.S. [In Study Leave]; (2) Md. Rabiul Awal, M.S. [In Study Leave]; (3) Mr. Saurav Dey Shuvo, M.Sc.; (4) Md. Momin Islam, M.Sc.; (5) Mr. Pappu Paul, M.Sc.

Part-Time Teacher

(1) Prof. Dewan Abdul Quadir, Ph.D.; (2) Prof. Rafi Uddin, Ph.D.; (3) Prof. Nasreen Akter, Ph.D.; (4) Prof. Murshida Khanom, MPhil; (5) Prof. Alamgir Kabir, Ph.D.' (6) Md. Abdul Mannan, Ph.D.

Number of Students

Session	Class	Number of Students
2019-2020	M.Sc. 2 nd Semester	17
2019-2020	M.Sc. 1 st Semester	17
2018-2019	M.Sc. 3 rd Semester	16
	Total	50

Result

Session	Exam	Number of Students	Promoted	Rate of Promotion
2019-2020	M.Sc. 1 st Semester	17	17	100%
2018-2019	M.Sc. 3 rd Semester	16	16	100%

Departmental Activities

The Department of Meteorology organized an international conference titled "International Conference on Meteorology and Climate Science 2020 (ICMCS 2020)" from December 11, 2020 to December 12, 2020. Professor Dr. Md. Akhtaruzzaman, Honorable Vice-Chancellor of the University of Dhaka was present as Chief Guest at the inaugural program of the conference. Professor Dr. Md. Kawser Ahmed, Dean of Faculty of Earth and Environmental Sciences; Prof. Dr. Dewan Abdul Quadir Senior Meteorologist; Professor Dr. Sultana Shafee were present as the Special Guest. Professor Dr. A. S. M. Maksud Kamal, Honorable Pro-VC

(Academic) was present as the Special Guest at closing ceremony of the conference.

The Satellite Ground Station of Department of Meteorology, University of Dhaka, was inaugurated on 11th February, 2021. This is a milestone achievement for development and applications of satellite meteorology in Bangladesh. The Satellite Ground Station was successfully installed at the Department of Meteorology on 25th January of 2021 and is receiving the data and images of land, atmosphere, and ocean from 12 satellites from 26th January.

Professor Dr. Md. Akhtaruzzaman, Honorable Vice-Chancellor of the University of Dhaka was present as Chief Guest at this grand session. Honorable Pro-VC (Academic) Professor Dr. A. S. M. Maksud Kamal and Honorable Pro-VC (Administration) Professor Dr. Muhammad Samad were present as special guest. Professor Momtaz Uddin, Honorable Treasurer of DU was also present at this event. Honorable Dean of the Science Faculty Professor Dr. Tofail Ahmed, Dean of Faculty of Earth and Environmental Sciences Professor Dr. Md. Kawser Ahmed both were present at this occasion. The program also had distinguished personnel from Bangladesh Meteorological Department; Bangladesh Water Development Board; Bangladesh Navy; Bangladesh Space Research and Remote Sensing Organization; Bangladesh University of Engineering and Technology, Dhaka; Central University of Rajasthan, India; Tribhuban University, Nepal; University of Wisconsin – Madison, USA; and SOLETOP, South Korea. The Inaugural Ceremony had options for joining virtually (through zoom) and total of thirty participants joined through virtual platform.

Publications

1. Sarker, M. M. A., Quadir, D. A., **Rashid, T.**, Ahasan, M. N., **Shuvo, S. D.**, Meandad, J., Rabbani, K. M. G., & Fariha, T. R. (2021). Simulation of Structure, Intensity and Track of Super Cyclone Amphan Using High Resolution WRF-ARW Model. *The Dhaka University Journal of Earth and Environmental Sciences*, 8(2), 17–23. <https://doi.org/10.3329/dujees.v8i2.54835> [published on January 30, 2021]
2. Islam, M. A., Meandad, J., **Shuvo, S. D.**, & Kabir, A. (2021). Modeling of Lightning Events using WRF-derived Microphysical Parameters. *The Dhaka University Journal of Earth and Environmental Sciences*, 8(2), 41–50. <https://doi.org/10.3329/dujees.v8i2.54838> [published on January 30, 2021]
3. **Shuvo, S. D.**, & Awal, M. R. (2021). Assessing Atmospheric Instability over the Bay of Bengal during October and November Months between 2007 – 2018. *The Dhaka University Journal of Earth and Environmental Sciences*, 9(2), 45–54. <https://doi.org/10.3329/dujees.v9i2.55089> [published on August 12, 2021]
4. **Shuvo, S.D.**, **Rashid, T.**, Panda, S.K., Das, S., & Quadir, D.A. (2021). Forecasting of pre-monsoon flash flood events in the northeastern Bangladesh using coupled hydrometeorological NWP modelling system. *Meteorology and Atmospheric Physics*, 133, 1603 – 1625. (I:F-2.065) 2020 <https://doi.org/10.1007/s00703-021-00831-z> [published on September 12, 2021]
5. **Shuvo, S. D.**(2021). Climatology of Frequency, Life Period, Energy and Speed for Tropical Disturbances and Cyclones over the Bay of Bengal. *The Dhaka University Journal of Earth and Environmental Sciences*, 10(1), 23–31. <https://doi.org/10.3329/dujees.v10i1.56277> [published on October 31, 2021]
6. Datta, A., **Rashid, T.**, & Biswas, M.K. (2021). Sequestration and Storage Capacity of Carbon in the Mangrove Vegetation of Sundarban Forest, Bangladesh, *International Journal of Scientific and Engineering Research* 12 (2), (I:F-4.9)1098-1101.

Faculty of Engineering and Technology (2008)

In accordance with the first ordinance of Dhaka University Order, 1973 and recommendation of the academic council and syndicate followed by approval of the senate, Faculty of Engineering & Technology consisting of the Department of Applied Physics Electronics & Communication Engineering, Department of Applied Chemistry & Chemical Engineering and Department of Computer Science & Engineering was established In 26 June 2008. Professor Dr. Md. Hasanuzzaman has been working as the elected Dean of this Faculty.

Considering the national demand of Bangladesh this faculty was established to produce skilled manpower in the field of engineering and technology. The Curriculum of this faculty has been developed to achieve this goal and to promote industry based research use of Information Technology and global development. This curriculum will help as a guideline for our young and bright generation become skilled manpower.

The Department of Nuclear Engineering has been established under this faculty through approval of the syndicate meeting dated 29th August 2010, with a view to producing Nuclear Scientists capable of taking all sorts of responsibilities of a Nuclear power plant and proper uses of Nuclear Energy. This department started 4 year Honors (8 Semester) program from 2013-2014 session with M.Sc. program from 2012-2013 session. Besides, the Department of Robotics & Mechatronics Engineering has been established under this faculty of the syndicate meeting dated 30 September 2014. The department has been offering 4 year honors (8 Semester) program since 2015-2016 session. The name of the Department of Applied Physics Electronics & Communication Engineering was changed to Electrical & Electronic Engineering in the syndicate meeting on 30 September 2014. Every year 225 students are admitted in the departments of Electrical and Electronic Engineering, Applied chemistry and chemical Engineering, Computer Science and Engineering, Nuclear Engineering and Robotics and Mechatronics Engineering.

Besides these departments three institutes of the Dhaka University are also conducting their academic programs under this faculty: Institute of Energy, Institute of Information Technology and Institute of Leather Engineering & Technology. In addition three Government Engineering and four non-Government Engineering affiliated colleges are also offering their academic programs under this faculty: Mymensingh Engineering College, Mymensingh. Faridpur Engineering College, Faridpur. Barisal Engineering College, Barisal and National Institute of Textile Engineering & Research, Nayarhat, Saver, Dhaka. Shayamoli Textile Engineering College, 10 chad uddan Road, Mohammadpur, Dhaka. Shahidul Chowdhury Engineering College, Mamudpur, Faridpur. K M Humayun Kabir Engineering College, Mymensingh.

Considering the future demand of Bangladesh, the academic programs and the research work has been coordinated in association with the industrial establishment. Dean's Award has been given to 4 teachers for their special researches and 16 students of the session 2016-2017 and 2017-2018 for their excellent academic performances. The principal goal of this faculty is to enhance the employment opportunity for students, to create entrepreneurs, to build leadership and to promote research for achieving national economic prosperity and developing of appropriate engineering and technology for the country.

Department of Electrical and Electronic Engineering (1965)

Chairman

Professor Anis Ahmed, M.Sc., Ph.D.

Professor

(1) Subrata Kumar Aditya, M.Sc., Ph.D. (Daputation); (2) Md. Adnan Kiber, M.Sc., Ph.D.; (3) A.H.M. AsadulHuq, M.Sc., Ph.D.; (4) S.M. Mostafa Al-Mamuns, M.Sc., Ph.D.; (5) Md. Habibur Rahman, M.Sc., Ph.D.; (6) Md. ShafiulAlam, M.Sc., Ph.D.; (7) Z.M. ParvezSazzad, M.Sc., Ph.D [Daputation]; (8) Mr. A.S.M. Moslehuddin, M.Sc.; (9) Saeed Mahmud Ullah, M.Sc., Ph.D.; (10) Mosabber Uddin Ahmed, M.Sc., M.S.C. (London Univ.), Ph.D.; (11) Mohammad Junaebur Rashid, M.Sc., Ph.D.

Associate Professor

(1) Mr. Md. Zahirul Hoque Mozumder, M.Sc; (2) Sazzad Muhammad Samaun Imran, M.Sc., Ph.D; (3) Shakhawat Hossain, M.Sc. Ph.D.; (4) AbulKalam Azad, M.Sc. Ph.D; (5) Imtiaz Ahmed, M.Sc. M.S. Ph.D.; (6) M.L. Palash, M.Sc., Ph.D.

Assistant Professor

(1) Md. Ahsan Habib, M.Sc. Ph.D; (2) Sharnali Islam, M.Sc., Ph.D; (3) Khaleda Ali, M.Sc., Ph.D; (4) Mainul Hossain, M.Sc., Ph.D.

Lecturer

(1) Shekh Md. Mahmudul Islam, M.Sc.Ph.D.; Mr. Ariful Islam, M.Sc.; (2) Ms. Marshia ZamanShaily, M.Sc.

Study Leave

(1) Md. Atiqur Rahman Ahad -M.Sc., M.S., Ph.D.– Professor; (2) Mr. A.B.M. HasanTalukder–M.Sc.-Assistant Professor; (3) Mr. Md. Minarul Islam–M.Sc.-Assistant Professor; (4) Mr. Md. Zahidul Islam–M.Sc.-Assistant Professor; (5) Miftahul Jannat Rasna–M.Sc.-Lecturer; (6) Mr. Mohammed Nowaz Rabbani Chowdhury -M.Sc.–Lecturer; (7) Mr. Md. DidarulAlam -M.Sc.- Lecturer.

Student's information

Year	No. of male students	No. of female students	Total no. of students
1st year B.Sc. Engg.	61	19	80
2nd year B.Sc. Engg.	59	15	74
3rd year B.Sc. Engg.	56	20	76
4th year B.Sc. Engg.	52	20	72
M.Sc. Engg.	33	11	44
		Total	346

Department activities and others

The history of the department of Electrical & Electronic Engineering is a narrative of response to society's call. In September 1965, the Department of Applied Physics was opened to meet the demand for higher studies in different areas of electronics and Professor Shah Md. Fazlur Rahman became the founder head of the department. Later, the course curriculum was upgraded and the department was renamed as the Department of Applied Physics & Electronics in 1974.

To meet the increasing demand of the 21st century in electronics and communication engineering and to facilitate further development in these areas, the syllabus was updated again and the department was renamed as the Department of Applied Physics, Electronics & Communication Engineering in October 2005. This department became part of the Faculty of Engineering & Technology in June 2008. Very recently, the department has been emerged as the Department of Electrical and Electronic Engineering in November 2014 with updated curriculum. At the commencement, the department admitted students only in the M.Sc. program. Later on, B.Sc. program was introduced in 1975. At present, the department offers B.Sc. in EEE, M.Sc. and Ph.D. degrees.

Currently, the chairperson of the department is Professor Dr. Anis Ahmed, who has been successfully leading the department since December 2020. Further, 14 dedicated office staffs are working graciously in order to maintain smooth functioning of the administrative and daily activities of the department. Since its inception in 1965, the department of Electrical and Electronic Engineering has been the pioneer in the fields of computer engineering, telecommunications engineering and electronics. The department is slowly paving its way towards the echelon of engineering education amongst the various engineering institutions of the country.

Student's extracurricular activities

The Department of Electronic and Electrical Engineering always provides its members with, in addition to regular academic activities, enormous opportunities to get themselves involved in different co-curricular

activities throughout the year. Involvement and participation in different club activities is such an opportunity.

The department's own club, Electrical and Electronics Club (EEC), is the trademark student-run organization under the Department of Electrical and Electronic Engineering, University of Dhaka. The club aims to provide a platform for the students who aim to stretch their academic knowledge beyond the classroom and apply it pragmatically to real world situations through interactions and brainstorming; "a complementary nourishment of the modern era".

This club has been regularly organizing programming contests, circuit contests, workshops and seminars assisting the students to graduate as competent engineers and researchers and apply their knowledge practically.

There are also several groups, e.g., EEE Sports Group, EEE Cultural Group, etc., who are organizing different sports and cultural events throughout the year.

In addition, the University of Dhaka has a number of clubs and societies, e.g., DU Research Society, DU Science Society, DU Photographic Society, Badhan, and so on, where the students of this department participate regularly.

Professor Md. Adnan Kiber MSc, Ph.D. (The Sheffield University, UK)

Publications ; July-2020 –June 2021.

Shekh M Mahmudul Islam and **Md Adnan Kiber**, Optimizing Patient-Ventilator synchrony utilizing Radar based Respiratory Features for Monitoring COVID19 patients, *Special Issues, Role of wireless communication, Network & sensing Technologies for rapid Pandemic Response. Frontiers of Communications and Networks*, Feb 2021

Md. Shariful Alam, S M Mostafa Al Mamun and **Md Adnan Kiber**, Simulation Study of Noninvasive Electrical Impedance Technique for Continuous Monitoring of Acute Respiratory Distress Syndrome; *Dhaka Univ Jour. of Applied Science and Engineering (DUJASE)*, Vol-6, No-1, Jan-2021.

Aniqua Tabbasum and **Md Adnan kiber** , Development of Electrical Impedance Imaging system for monitoring of Lungs diseases, *23rd International Conference on Computer and Information Technology (ICCIT)*, December 2020, P1-6, IEEE Expl-2020.

Shamiha Binta Manir, Mahira Karim and **Md Adnan kiber**, December 2020, Assessment of Lungs diseases from features extraction of breath sound using digital signal processing methods, *Conference, Emerging Technology in Computing, Communications and Electronics (ETCCE)*, P1-6, IEEE EXpl, 2020.

Professor S. M. Mostafa Al Mamun, M.Sc, Ph.D. (The Graduate University for Advanced Studies, Japan)

Publications ; July-2020 –June 2021.

1. Alam, M.S., **S. M. Mostafa Al Mamun** and Adnan Kibar (2021), *Simulation Study of Noninvasive Electrical Impedance Technique for Continuous Monitoring of Acute Respiratory Distress Syndrome*. Dhaka University Journal of Applied Science & Engineering, vol. 6, No. 1, January, 2021 .
2. Mahbuba Begum, **S. M. Mostafa Al Mamun** et al, *Geochemical characterization of miocene coresediments from Shahbazpur gas-wells (Bangladesh) in terms of elemental abundances by instrumental neutron activation analysis*. Journal of Radioanalytical and Nuclear Chemistry, May, 2021. <https://doi.org/10.1007/s10967-021-07770-4>

Professor Anis Ahmed, MSc, Ph.D. (Okayama University, Japan)**Journal Publication: July-2020 –June 2021**

1. Afia Mubassira Islam, Emraul Islam Emon and Anis Ahmed, "A metamaterial loaded microstrip patch antenna for lower 5G U-NII spectrum," *Mathematical Modelling of Engineering Problems*, Vol. 7, No. 4, December (2020), pp. 556-562.

Professor Md. Shafiul Alam, MSc, Ph.D. (The Sheffield University, UK)**Journal Publication: July-2020 –June 2021.**

1. IffatArefa, Abu Bakar Siddique and M. S. Alam, (2021), "Fuzzy Hypertension Risk Prediction System", *Dhaka University Journal of Applied Science & Engineering*, Vol. 6 (1) 16-21, 2021 (January).
2. Abdulla Al Mamun, Aklima Begum, Ariful Islam, Ashraful Mamun, Md. Asaduzzaman, A F M MustafizurRahman, M Nazmul Haque Siddique and M Shafiul Alam, (2020), "Design, Implementation and Testing of aMicrocontroller-based Formalin Detection Kit", *European Journal of Advances in Engineering and Technology*, 7(6), p. 1-12.
3. Afroza Sultana, Ariful Islam, M S Alam, Farruk Ahmed, (2020), "Cross Correlation Analysis of Multichannel EMGSignals for Finger Movements", *International Journal of Industrial Electronics and Electrical Engineering(IJIEEE)* , 8(3), p. 21-27.

Professor Md. Atiqur Rahman Ahad, M.Sc, Ph.D. (Kyushu Institute of Technology, Japan)**Journal Publications**

1. Md. Atiqur Rahman Ahad, Masud Ahmed, Anindya Das Antar, Yasushi Makihara, and Yasushi Yagi, "Action recognition using Kinematics Posture Feature on 3D skeleton joint locations", *Pattern Recognition Letters*, Elsevier, Vol. 145, pp. 216-224, 2021.

2. Md. Rabiul Islam, Mohammad Ali Moni, Md. Milon Islam, Md. Rashed-Al-Mahfuz, Md. Saiful Islam, Md. Kamrul Hasan, Md. Sabir Hossain, Mohiuddin Ahmad, Shahadat Uddin, AKM Azad, Salem A. Alyami, Md. Atiqur Rahman Ahad, and PietroLio, "Emotion Recognition from EEG Signal Focusing on Deep Learning and Shallow Learning Techniques", *IEEE Access*, IEEE, 2021.
3. Mehedi Hasan Raju, Mosabber Uddin Ahmed, and Md. Atiqur Rahman Ahad, "MUMAP: Modified Ultralight weight Mutual Authentication protocol for RFID enabled IoT networks", *Journal of the Institute of Industrial Applications Engineers*, Vol. 9, No. 2, pp. 26-32, 2021.
4. Muiz Ahmed Khan, Pias Paul, Mahmudur Rashid and Mainul Hossain, and Md. Atiqur Rahman Ahad, "An AI-based Visual Aid with Integrated Reading Assistant for the Completely Blind", *IEEE Transactions on Human-Machine Systems*, 2020.
5. Tahera Hossain, Md. Atiqur Rahman Ahad, Sozo Inoue, "A Method for Sensor-Based Activity Recognition in Missing Data Scenario", *Sensors*, 20(14):3811, 2020.
6. Md. Atiqur Rahman Ahad and Tanmoy Paul, "Human-Human Interaction Recognition Based on Gradient-based Features", *International Journal of Biomedical Soft Computing and Human Sciences*, 25(2), pp. 39-47, 2020.

Book:

1. Md. Atiqur Rahman Ahad, Anindya Das Antar, and Masud Ahmed, "IoT Sensor-Based Activity Recognition - Human Activity Recognition", Publisher: Springer Nature Switzerland AG, ISBN 978-3-030-51379-5, 2020.

2. Md. Atiqur Rahman Ahad, Upal Mahbub, and Tauhidur Rahman, "*Contactless Human Activity Analysis*", Springer Nature Switzerland AG, ISBN: 978-3-030-68589-8, 2021.
3. Md. Atiqur Rahman Ahad, Sozo Inoue, Daniel Roggen, and Kaori Fujinami, "*Activity and Behavior Computing*", Publisher: Springer Nature Switzerland AG, 2021.
4. Md. Atiqur Rahman Ahad, Paula Lago, and Sozo Inoue, "*Human Activity Recognition Challenge*", Publisher: Springer Nature Switzerland AG, 2021.
5. Md. Atiqur Rahman Ahad and Mosabber Uddin Ahmed, "*Signal Processing Techniques for Computational Health Informatics*", Publisher: Springer Nature Switzerland AG, ISBN 978-3-030-54932-9, 2021.

Book Chapter:

1. Tonmoy Hossain, Sujan Sarker, Sejuti Rahman, and Md. Atiqur Rahman Ahad, "Skeleton-based Human Action Recognition on Large-Scale Datasets", in *Vision, Sensing and Analytics: Integrative Approaches*, Springer Nature Switzerland AG, pp. 125-146, 2021.
2. Anindya Das Antar, Masud Ahmed, and Md. Atiqur Rahman Ahad, "Sensor-based Human Activity and Behavior Computing", in *Vision, Sensing and Analytics: Integrative Approaches*, Springer Nature Switzerland AG, pp. 147-176, 2021.
3. Aniq Tabassum and Md. Atiqur Rahman Ahad, "Biomedical Radar and Antenna Systems for Contactless Human Activity Analysis", in *Vision, Sensing and Analytics: Integrative Approaches*, Springer Nature Switzerland AG, pp. 213-241, 2021.

4. KM TalhaNahiyan and Md. Atiqur Rahman Ahad, "Contactless Monitoring in Healthcare Sectors", in *Vision, Sensing and Analytics: Integrative Approaches*, Springer Nature Switzerland AG, pp. 243-265, 2021.
5. Aniq Tabassum and Md. Atiqur Rahman Ahad, "Electrical Impedance Tomography based Lung Disease Monitoring", in *Vision, Sensing and Analytics: Integrative Approaches*, Springer Nature Switzerland AG, pp. 307-325, 2021.
6. Sujan Sarker, Sejuti Rahman, Tonmoy Hossain, Syeda Faiza Ahmed, Lafifa Jamal, and Md. Atiqur Rahman Ahad, "Skeleton-based Activity Recognition: Preprocessing and Approaches", in *Contactless Human Activity Analysis*, Springer Nature Switzerland AG, pp. 43-82, 2021.
7. Mohammad Saad Billah, Md. Atiqur Rahman Ahad, and Upal Mahbub, "Signal Processing for Contactless Monitoring", in *Contactless Human Activity Analysis*, Springer Nature Switzerland AG, pp. 113-144, 2021.
8. M Jaber Al Nahian, Mehedi Hasan Raju, Zarin Tasnim, Mufti Mahmud, Md. Atiqur Rahman Ahad, and M Shamim Kaiser, "Contactless Fall Detection for Elderly", in *Contactless Human Activity Analysis*, Springer Nature Switzerland AG, pp. 203-236, 2021.
9. Nazmun Nahid, Arafat Rahman, and Md. Atiqur Rahman Ahad, "Emotion Recognition on Different Modalities", in *Contactless Human Activity Analysis*, Springer Nature Switzerland AG, pp. 237-270, 2021.

10. UpalMahbub, Tauhidur Rahman, and MdAtiqur Rahman Ahad, "Contactless Human Monitoring: Challenges and Future Direction", in Contactless Human Activity Analysis, Springer Nature Switzerland AG, 335-364, 2021.
11. Sayeda Shamma Alia, Paula Lago, Shingo Takeda, Kohei Adachi, Brahim Benaissa, Md. Atiqur Rahman Ahad, and Sozo Inoue, "Summary of the Cooking Activity Recognition Challenge", in Human Activity Recognition Challenge, Springer Nature Switzerland AG, pp. 1-13, 2021.
12. Md. Sadman Siraj, Omar Shahid, and Md. Atiqur Rahman Ahad, "Cooking Activity Recognition with Varying Sampling Rates using Deep Convolutional GRU Framework", in Human Activity Recognition Challenge, Springer Nature Switzerland AG, 115-126, 2021.
13. Allam Shehata, Mahmoud Salem, and Md. Atiqur Rahman Ahad, "Image Processing in Health Informatics", in Signal Processing Techniques for Computational Health Informatics, Springer Nature Switzerland AG, pp. 145-170, 2021.
14. Mehedi Hasan Raju, Mosabber Uddin Ahmed, and Md. Atiqur Rahman Ahad, "Health Informatics: Challenges and Opportunities", in Signal Processing Techniques for Computational Health Informatics, Springer Nature Switzerland AG, pp. 231-246, 2021.
15. Md. Abu Sayem, Md. Sohel Rana Sarker, Md. Atiqur Rahman Ahad and Mosabber Uddin Ahmed, "Automatic epileptic seizures detection and EEG signals classification based on multi-domain feature extraction and multiscale entropy analysis", in Signal Processing Techniques for Computational Health Informatics, Springer Nature Switzerland AG, pp. 315-334, 2021.

Conference:

1. Promit Basak, Md. Mamun Sheikh, Shahamat Mustavi Tasin, A.H.M. Nazmus Sakib, Malisha Islam Tapotee, Sriman Bidhan Baray, and Md. Atiqur Rahman Ahad, "Complex Nurse Care Activity Recognition Using Statistical Features", 2020 ACM UbiComp / International Symposium on Wearable Computers (UbiComp/ISWC'20Adjunct), Mexico, Sept. 2020.
2. Arafat Rahman, Nazmun Nahid, Iqbal Hasan, and Md. Atiqur Rahman Ahad, "Nurse Care Activity Recognition: Using Random Forest to Handle Imbalanced Class Problem", 2020 ACM UbiComp / International Symposium on Wearable Computers (UbiComp/ISWC'20Adjunct), Mexico, Sept. 2020.
3. Md. Sadman Siraj, Md. Ahasan Atick Faisal, Omar Shahid, Farhan Fuad Abir, Tahera Hossain, Sozo Inoue, and Md. Atiqur Rahman Ahad, "UPIC: User and Position Independent Classical Approach for Locomotion and Transportation Modes Recognition", 2020 ACM UbiComp / International Symposium on Wearable Computers (UbiComp/ISWC'20Adjunct), Mexico, 2020.
4. Md. Ahasan Atick Faisal, Md. Sadman Siraj, Md. Tahmeed Abdullah, Omar Shahid, Farhan Fuad Abir, and Md. Atiqur Rahman Ahad, "A Pragmatic Signal Processing Approach for Nurse Care Activity Recognition using Classical Machine Learning", 2020 ACM UbiComp / International Symposium on Wearable Computers (UbiComp/ISWC'20Adjunct), Mexico, Sept. 2020.
5. Nazmun Nahid, Arafat Rahman, and Md. Atiqur Rahman Ahad, "Deep Learning Based Surface EMG Hand Gesture Classification for Low-Cost Myoelectric Prosthetic Hand", 4th Int. Conf. on Imaging, Vision and Pattern Recognition, Japan, 2020.
6. Md. Sadman Siraj and Md. Atiqur Rahman Ahad, "A Hybrid Deep Learning Framework using CNN and GRU-based RNN for Recognition of Pairwise Similar Activities", 4th Int. Conf. on Imaging, Vision and Pattern Recognition, Japan, 2020.

7. Amirul Karim Tanim, K M Talha Nahiyani, and Md. Atiqur Rahman Ahad, "Suitability of Single-channel Acoustic Myography for Classification of Individual Finger Movements", 9th Int. Conf. on Informatics, Electronics & Vision, Japan, 2020.
8. Md. Shafiqul Islam, Tahera Hossain, Md. Atiqur Rahman Ahad, and Sozo Inoue, "Exploring Human Activity by Using eSenseEarable Device", 2nd Int. Conf. on Activity and Behavior Computing (ABC), Japan, Springer, 2020.

Conference (as extended abstract):

9. Amirul Karim Tanim, K M Talha Nahiyani and Md. Atiqur Rahman Ahad, "Classification of Hand-Finger Movements Based on Single-channel Acoustic Myography System", [extended abstract] National Workshop on Big Data and Machine Learning (BDML 2020), 9-10 Dec. 2020.
10. Muiz Ahmed Khan, Mahmudur Rashid, S.M. Abdul Ahad, Pias Paul, Mainul Hossain, and Md. Atiqur Rahman Ahad, "Vision-based Visual Aid and Reading Assistant for Blind", [extended abstract] National Workshop on Big Data and Machine Learning (BDML 2020), 9-10 Dec. 2020.
11. Arafat Rahman, Nazmun Nahid, and Md. Atiqur Rahman Ahad, "Nurse Care Activity Recognition with Imbalanced Class Problem", [extended abstract] National Workshop on Big Data and Machine Learning (BDML 2020), 9-10 Dec. 2020.
12. Promit Basak, Malisha Islam Tapotee, Shahamat Mustavi Tasin, A.H.M. Nazmus Sakib, Sriman Bidhan Baray, Md. Mamun Sheikh, and Md. Atiqur Rahman Ahad, "Statistical Feature-based Complex Nurse Care Activity Analysis", [extended abstract] National Workshop on Big Data and Machine Learning (BDML 2020), 9-10 Dec. 2020.
13. Amirul Karim Tanim, KM Talha Nahiyani, and Md. Atiqur Rahman Ahad, "Single-channel Acoustic Myography to Classify Hand-Finger Movements", [extended abstract] IEEE Computer Society BD Chapter Winter Symposium, Nov. 2020.
14. Sriman Bidhan Baray, Md. Morshed Alam, and Md. Atiqur Rahman Ahad, "AI-based Approach for Vehicle Recognition on Challenging Scenes", [extended abstract] IEEE Computer Society BD Chapter Winter Symposium, Nov. 2020.
15. Md. Sadman Siraj and Md. Atiqur Rahman Ahad, "Pairwise Similar Activities Recognition using Hybrid Deep Learning", [extended abstract] IEEE Computer Society BD Chapter Winter Symposium, Nov. 2020.
16. Nazmun Nahid, Arafat Rahman, and Md. Atiqur Rahman Ahad, "Deep Learning Based Surface EMG Hand Gesture Classification for Low-Cost Myoelectric Prosthetic Hand", [extended abstract] IEEE Computer Society BD Chapter Winter Symposium, Nov. 2020.
17. Md. Sadman Siraj, Md. Ahasan Faisal, Omar Shahid, Farhan Fuad, Tahera Hossain, Sozo Inoue, and Md. Atiqur Rahman Ahad, "Locomotion and Transportation Modes Recognition Using Smart Feature Based Machine Learning", [extended abstract] IEEE Computer Society BD Chapter Winter Symposium, Nov. 2020.
18. Promit Basak, Shahamat Mustavi Tasin, Malisha Islam Tapotee, Md. Mamun Sheikh, A.H.M. Nazmus Sakib, Sriman Bidhan Baray, and Md. Atiqur Rahman Ahad, "Statistical Feature-based Complex Nurse Care Activity Recognition", [extended abstract] IEEE Computer Society BD Chapter Winter Symposium, Nov. 2020.
19. Md. Sadman Siraj, Omar Shahid, and Md. Atiqur Rahman Ahad, "A Deep Convolutional GRU Based Approach for Cooking Activity Recognition", [extended abstract] IEEE Computer Society BD Chapter Winter Symposium, Nov. 2020.
20. Md. Ahasan Faisal, Md. Sadman Siraj, Md. Tahmeed Abdullah, Omar Shahid, Farhan Fuad, and Md. Atiqur Rahman Ahad, "Nurse Care Activity Recognition based on Signal Processing and Machine

Learning Approaches", [extended abstract] IEEE Computer Society BD Chapter Winter Symposium, Nov. 2020.

21. Arafat Rahman, Nazmun Nahid, Iqbal Hassan, and Md. Atiqur Rahman Ahad, "Nurse Care Activity Recognition: Using Random Forest to Handle Imbalanced Class Problem", [extended abstract] IEEE Computer Society BD Chapter Winter Symposium, Nov. 2020.
22. Md. Mamun Sheikh, Faizul Rakib Sayem, and Md. Atiqur Rahman Ahad, "A Study on Skeleton Joint-based Features for Action Recognition", [extended abstract] IEEE Computer Society BD Chapter Winter Symposium, Nov. 2020.

Professor Dr. Mosabber Uddin Ahmed, M.Sc, Ph.D. (Imperial College London, United Kingdom)

Journal Publications

1. MUMAP: Modified Ultra light weight Mutual Authentication protocol for RFID enabled IoT networks, *Journal of the Institute of Industrial Applications Engineers*, vol.9, no.2, pp.33-39, 2021.

Published Edited Book

1. *Signal Processing Techniques for Computational Health Informatics*, Springer Nature, Cham, 2020.

Book Chapter

1. Time Series Analysis for CoVID-19 Projection in Bangladesh, In *Vision, Sensing and Analytics: Integrative Approaches*, pp. 371-396, Springer, Cham, 2021.
2. Contactless Human Activity Analysis: An Overview of Different Modalities, In *Contactless Human Activity Analysis*, pp. 83-112, Springer, Cham, 2021.
3. Health Informatics: Challenges and Opportunities, In *Signal Processing Techniques for Computational Health Informatics*, pp. 231-246, Springer, Cham, 2020.

4. Automatic Epileptic Seizures Detection and EEG Signals Classification Based on Multi-domain Feature Extraction and Multiscale Entropy Analysis, In *Signal Processing Techniques for Computational Health Informatics*, pp. 315-334, Springer, Cham, 2020.
5. Complexity Analysis in Health Informatics, In *Signal Processing Techniques for Computational Health Informatics*, pp. 103-121, Springer, Cham, 2020.

Professor Dr. Mohammad Juanebur Rashid, M.Sc., Ph.D. (University of Nice Sophia Antipolis, France)

Journal Publications

- [1] Numerical approach to optimizing the doping concentration of the absorber layer to enhance the performance of a CdTe solar cell, *Semiconductor Science and Technology*, 36 (2020) 015022.
- [2] Preparation of organic-modified magadiite–magnetic nanocomposite particles as an effective nanohybrid drug carrier material for cancer treatment and its properties of sustained release mechanism by Korsmeyer–Peppas kinetic model, [*Journal of Materials Science*](#), volume 56, pages14270–14286 (2021)

Sazzad M.S. Imran, MS, PhD (Kanazawa University, Japan) Associate Professor

Publications: July-2020 –June 2021.

Sazzad M.S. Imran, Quantum noise and external feedback noise in InGaN blue-violet laser diodes, *Dhaka Univ Jour. of Applied Science and Engineering (DUJASE)*, Vol-6, No-1, pp. 38-42; Jan-2021.

Dr. Sakhawat Hussain, M.Sc., Ph.D. (University of Nice Sophia Antipolis, France)

Associate Professor

Journal Publications

- [3] **S. Hussain**, Md. T. Prodhan and Md. M. Rahman, "Simulation analysis to optimize the performance of homojunction *p-i-n*

$\text{In}_{0.7}\text{Ga}_{0.3}\text{N}$ solar cell, *Semiconductor Physics, Quantum Electronics and Optoelectronics (SPQEO)*, Vol. 24 Issue 2, pp 192-199 (2021).

- [4] **S. Hussain**, Md. M. Rahman and Md. T. Prodhana, "Modeling of $\text{In}_{0.17}\text{Ga}_{0.83}\text{N}/\text{In}_x\text{Ga}_{1-x}\text{N}/\text{Al}_y\text{Ga}_{1-y}\text{N}$ light emitting diode structure on ScAlMgO_4 (0001) substrate for high intensity red emission, *Semiconductor Physics, Quantum Electronics and Optoelectronics (SPQEO)*, Vol. 23, Issue 4, pp 408-414 (2020)

Dr. Abul Kalam Azad, MSc, Ph.D. (The Hong Kong Polytechnic University, Hong Kong)
Associate Professor

Journal Publications: July-2020 – June 2021.

Abul Kalam Azad, "Discrete Wavelet Transform Based Artificial Neural Networks for Extracting Temperature Distributions in Brillouin Optical Time Domain Analysis Sensors," *Dhaka Univ. J. Applied Science and Engineering*, ISSN: 2218-7413, vol. 6, No. 1, pp. 43-51, January, 2021.

Abul Kalam Azad, "Analysis of 2D Discrete Wavelet Transform Based Signal Denoising Technique in Brillouin Optical Time Domain Analysis Sensors," *Dhaka Univ. J. Applied Science and Engineering*, ISSN: 2218-7413, vol. 5, No. 1&2, pp. 1-8, July, 2020.

Abul Kalam Azad, "Effects of Pump-Pulse Width and Temperature on Experimental Brillouin Gain Spectrum Obtained from Brillouin Optical Time-Domain Analysis Sensors," *Bangladesh J. Physics*, ISSN: 1816-1081, vol. 27, No. 1, pp. 69-80, October, 2020.

Dr. Imtiaz Ahmed, M.Sc., Ph.D. (University of Cambridge, United Kingdom)
Associate Professor

Journal Publications

1. Shahrana Ahmed, Sadiq Shahriyar Nishat, Alamgir Kabir, A.K.M. Sarwar Hossain Faysal, Tarique Hasan, Shovon Chakraborty, **Imtiaz Ahmed**. "Structural, elastic, vibrational, electronic and optical properties of SmFeO_3 using density functional theory", *Physica B: The Physics of Condense Matter*, 615, 413061 (2021). (Available online 12 May 2021)

Dr. M. L. Palash, M.Sc. (Kyushu University, Japan), Ph.D. (Kyushu University, Japan)
Associate Professor

Journal Publications

- [5] Metal-organic frameworks for energy conversion and water harvesting: A bridge between thermal engineering and material science, *Nano Energy*, 84, 105946, 2021
- [6] Recent advances of composite adsorbents for heat transformation applications, *Thermal Science and Engineering*, 23, 100900, 2021
- [7] Design principles for synthesizing high grade activated carbons for adsorption heat pumps, *Chemical Engineering Journal Advances*, 6, 100086, 2021
- [8] Surface energy characterization of different particulate silica gels at infinite dilution, *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, 603, 125209, 2020
- [9] Experimental Study on the Influence of Metal Doping on Thermophysical Properties of Porous Aluminum Fumarate, *Heat Transfer Engineering*, 42, 1132-1141, 2020

Dr. Ahsan Habib, M.Sc., Ph.D. (University of California, Santa Cruz, USA)

Assistant Professor

Journal Publications

- [10] N. Hardy*, A. Habib*, T. Ivanov, and A. A. Yanik, NeuroSWARM3: System-on-a-Nanoparticle for Wireless Recording of Brain Activity. *IEEE Photonics Technology Letters*, 33 (2021).
- [11] A. Habib*, X. Zhu*, S. Fong, and A. A. Yanik, Active plasmonic nanoantenna: an emerging toolbox from photonics to neuroscience. *Nanophotonics*, 9 (2020).

Conference papers

1. A. Habib, X. Zhu, U. I. Can, M. L. McLanahan, P. Zorlutuna, and A. A. Yanik. Electro-Active Plasmonics for Label-Free Voltage Sensing and Electrophysiology. In *IEEE IPC- The Annual Conference of the IEEE Photonics Society*, 2020
2. A. Habib, X. Zhu, U. I. Can, M. L. McLanahan, P. Zorlutuna, and A. A. Yanik. Ultrasensitive Field-Effect Plasmonics: Electro-Active Probes for Wireless Voltage Sensing and Electrophysiology. In *Conference on Lasers and Electro-Optics, OSA Technical Digest (Optical Society of America)*, 2020
3. A. Habib, X. Zhu, U. I. Can, M. L. McLanahan, P. Zorlutuna, and A. A. Yanik, Field-effect electro-plasmonics: a quantum leap in neurotechnologies. *Proc. SPIE 11461, Active Photonic Platforms XII*, 1146129, September 4, 2020
4. A. Habib, X. Zhu, U. I. Can, M. L. McLanahan, P. Zorlutuna, and A. A. Yanik. Electro-plasmonicnanoresonators for wireless voltage sensing and ultra-high bandwidth brain computer interfaces. *Biophotonics Congress: Biomedical Optics 2020 (Translational, Microscopy, OCT, OTS, BRAIN)*, BW4C.2, 2020

Dr. Sharnali Islam, M.Sc. (Southern Illinois University Carbondale, USA), Ph.D. (University of Illinois at Urbana-Champaign, USA)

Assistant Professor

Journal Publications

- [1] M. Hasan, F. Mayo, M. S. Hossain, R. Ahmed, M. Hossain, K. Ali, and **S. Islam**, "Plasmonic corrugated waveguide coupled to rectangular-nanoresonator as tunable optical filter," *OSA Continuum*, vol. 3, pp. 3314-3323, 2020.
- [2] M. A. Hasan, S. S. Nishat, M. Hossain, and **S. Islam**, "Influence of device parameters on performance of ultra-scaled graphene nanoribbon field effect transistor," *ECS J. Solid State Sci. Technol.*, vol. 9, 121006, 2020.

- [3] M. Hassan, A. H. Mondol, M. Hossain, H. U. Zaman, and **S. Islam**, "High-performance design of a 4-bit carry look-ahead adder in static CMOS logic," *Indonesian Journal of Electrical Engineering and Informatics (IJEI)*, vol. 8, pp. 666-673, 2020.
- [4] M. Hasan, H. U. Zaman, M. Hossain, P. Biswas, and **S. Islam**, "Gate diffusion input technique based full swing and scalable 1-bit hybrid full adder for high performance applications," *Eng. Sci. Technol. Int J.*, vol. 23, pp 1364-1373, 2020.
- [5] M. Hasan, **S. Islam**, M. Hossain, and H. U. Zaman "A scalable high-speed hybrid 1-bit full adder design using XOR-XNOR module," *Int. J. Circ. Theor. App.*, vol. 49, no. 7, 2021.
- [6] M. Hasan, A. H. Siddique, A. H. Mondol, M. Hossain, H. U. Zaman, and **S. Islam**, "Comprehensive study of 1-bit full adder cells: Review, performance comparison and scalability analysis," *SN Applied Sciences*, vol. 3, 2021.
- [7] M. Hasan, M. S. Hussain, M. Hossain, M. Hasan, H. U. Zaman, and **S. Islam**, "A high-speed and scalable XOR-XNOR based hybrid full adder design", *Comput. Electr. Eng.*, vol. 93, no. 107200, 2021.
- [8] M. Hasan, M. S. Hossain, A. H. Siddique, M. Hossain, H. U. Zaman, and **S. Islam**, "A high-speed 4-bit carry look-ahead architecture as a building block for wide word-length carry-select adder," *Microelectron J.*, vol. 109, no. 104992, 2021.
- [9] S. Cynthia, R. Ahmed, **S. Islam**, K. Ali, and M. Hossain, "Graphene based hyperbolic metamaterial for tunable mid-infrared biosensing," *RSC Adv.*, vol. 11, pp. 7938-7945, 2021.

- [10] S. S. Nishat, M. J. Hossain, F. E. Mullick, A. Kabir, S. Chowdhury, **S. Islam**, and M. Hossain, "Performance analysis of perovskite solar cells using DFT extracted parameters of TiO₂ electron transport layer", *J. Phys. Chem. C*, vol. 125, pp.13158-13166, 2021.

Conference papers

1. S. Cynthia, R. Ahmed, S. Islam, K. Ali, and M. Hossain, "Mid-infrared biosensors with grating coupled graphene based hyperbolic metamaterial", *2021 OSA Optical Sensors and Sensing Congress*, Vancouver, Canada, (2021).

Dr. Mainul Hossain, M.Sc. (University of Central Florida, Orlando, Florida, USA), Ph.D. (University of Central Florida, Orlando, Florida, USA)

Assistant Professor

Journal Publications

- [1] F. I. Sakib, M. A. Hasan, and **M. Hossain**, "Exploration of negative capacitance in gate-all-around Si nanosheet transistors," *IEEE Trans. Electron. Devices*, vol. 67, pp. 5236-5242, 2020.
- [2] M. A. Khan, P. Paul, M. Rashid, **M. Hossain**, and M. A. R. Ahad, "An AI-based visual aid with integrated reading assistant for the completely blind," *IEEE Trans. Human-Mach. Syst.*, vol. 50, pp. 507-517, 2020.
- [3] S. Zaman and **M. Hossain**, "Broadband light absorption by metal nanoparticle or quantum dot-coated silicon nanostructures for solar cell applications," *OSA Continuum*, vol. 3, pp. 3082-3093, 2020.
- [4] M. Hasan, F. Mayoa, M. S. Hossain, R. Ahmed, **M. Hossain**, K. Ali, and S. Islam, "Plasmonic corrugated waveguide coupled to rectangular-nanoresonator as tunable optical filter," *OSA Continuum*, vol. 3, pp. 3314-3323, 2020.
- [5] M. A. Hasan, S. S. Nishat, **M. Hossain**, and S. Islam, "Influence of device parameters on performance of ultra-scaled

graphenenanoribbon field effect transistor," *ECS J. Solid State Sci. Technol.*, vol. 9, 121006, 2020.

- [6] M. Hassan, A. H. Mondol, **M. Hossain**, H. U. Zaman, and S. Islam, "High-performance design of a 4-bit carry look-ahead adder in static CMOS logic," *Indonesian Journal of Electrical Engineering and Informatics (IJEI)*, vol. 8, pp. 666-673, 2020.
- [7] M. Hasan, H. U. Zaman, **M. Hossain**, P. Biswas, and S. Islam, "Gate diffusion input technique based full swing and scalable 1-bit hybrid full adder for high performance applications," *Eng. Sci. Technol. Int J.*, vol. 23, pp 1364-1373, 2020.
- [8] M. Hasan, S. Islam, **M. Hossain**, and H. U. Zaman "A scalable high-speed hybrid 1-bit full adder design using XOR-XNOR module," *Int. J. Circ. Theor. App.*, vol. 49, no. 7, 2021.
- [9] M. Hasan, A. H. Siddique, A. H. Mondol, **M. Hossain**, H. U. Zaman, and S. Islam, "Comprehensive study of 1-bit full adder cells: Review, performance comparison and scalability analysis," *SN Applied Sciences*, vol. 3, 2021.
- [10] M. Hasan, M. S. Hussain, **M. Hossain**, M. Hasan, H. U. Zaman, and S. Islam, "A high-speed and scalable XOR-XNOR based hybrid full adder design", *Comput. Electr. Eng.*, vol. 93, no. 107200, 2021.
- [11] M. Hasan, M. S. Hossain, A. H. Siddique, **M. Hossain**, H. U. Zaman, and S. Islam, "A high-speed 4-bit carry look-ahead architecture as a building block for wide word-length carry-select adder," *Microelectron J.*, vol. 109, no. 104992, 2021.
- [12] S. Cynthia, R. Ahmed, S. Islam, K. Ali, and **M. Hossain**, "Graphene based hyperbolic metamaterial for tunable mid-infrared biosensing," *RSC Adv.*, vol. 11, pp. 7938-7945, 2021.
- [13] S. S. Nishat, M. J. Hossain, F. E. Mullick, A. Kabir, S. Chowdhury, S. Islam, and **M. Hossain**, "Performance analysis of perovskite solar cells using DFT extracted parameters of TiO₂ electron transport layer", *J. Phys. Chem. C*, vol. 125, pp.13158-13166, 2021.

Conference papers

1. S. Cynthia, R. Ahmed, S. Islam, K. Ali, and **M. Hossain**, "Mid-infrared biosensors with grating coupled graphene based hyperbolic metamaterial", *2021 OSA Optical Sensors and Sensing Congress*, Vancouver, Canada, (2021).
2. M.A. Hasan, F.I. Sakib, and **M. Hossain**, "Performance comparison of negative capacitance in Si nanowire and nanosheet field effect transistors", *2021 Virtual MRS Spring Meeting and Exhibit-Symposium EL09-Ferroelectricity and Negative Capacitance—Fundamentals, Applications and Controversies*, Seattle, WA, USA, (2021).

Dr. Shekh Md. Mahmudul Islam, Ph.D. (University of Hawaii at Manoa, USA)

Lecturer

Publications : July-2020 –June 2021.

Journals:

1. **Shekh M. M. Islam**, O. Boric-Lubecke, Yao Zheng, and Victor M. Lubecke, "Radar-Based Non-Contact Continuous Identity Authentication", *Remote Sensing* (IF: 4.509), vol. 12, no. 14, pp. 1-22, July 2020.
2. **Shekh M. M. Islam**, J. E. Kirazi, O. Boric-Lubecke, and Victor M. Lubecke, "Sleep Posture Recognition with a Dual-Frequency Cardiopulmonary Doppler Radar", *IEEE Access* (IF: 4.098), vol. 9, no. 1, pp. 396181-396194, February 2021.
3. **Shekh M. M. Islam**, and Md Adnan Kiber, "Optimizing Patient-Ventilator Synchrony Utilizing Radar-Based Respiratory Features for Monitoring COVID-19 patients", *Frontiers in Communication and Network*, vol. 1, no. 1, pp. 1-5, February 2021.
4. **Shekh M. M. Islam**, F. Fioranelli, and V. M. Lubecke, "Can Radar Remote Life Sensing Technology Help Combat COVID-19?", *Frontiers in Communication and Network*, vol. 1, no. 1, pp. 16-48, May 2021

Book Chapter

1. **Shekh M. M. Islam**, "Radar-Based Non-Contact Physiological Sensing", *Vision, Sensing and Analytics: Integrative Approaches*, Springer Nature Switzerland AG, pp. 1777-212, June 2021.

Md. Minarul Islam, M.Sc. (Bangladesh University of Engineering and Technology (BUET))

Assistant Professor

Status: [On study leave], Pursuing Ph.D. degree in Electrical Power at University of Wollongong (UOW), NSW, Australia

Journal Publications: July-2020 –June 2021

- [1] M. M. Islam, K. M. Muttaqi and D. Sutanto, "A Novel Saturated Amorphous Alloy Core Based Fault Current Limiter for Improving the Low Voltage Ride Through Capability of Doubly-Fed Induction Generator Based Wind Turbines," in *IEEE Transactions on Industry Applications*, vol. 57, no. 3, pp. 2023-2034, May-June 2021, doi: 10.1109/TIA.2021.3057844.

Conference papers

- [1] M. M. Islam, K. M. Muttaqi and D. Sutanto, "A Saturated Amorphous Alloy Core-based Inrush Current Limiter," 2020 IEEE Industry Applications Society Annual Meeting, 2020, pp. 1-6, doi: 10.1109/IAS44978.2020.9334905.
- [2] M. M. Islam, K. M. Muttaqi and D. Sutanto, "A Saturated Amorphous Alloy Core Based Smart Fault Current Limiter for Improving the Low Voltage Ride Through Capability of Distributed Generation Units," 2020 IEEE Industry Applications Society Annual Meeting, 2020, pp. 1-6, doi: 10.1109/IAS44978.2020.9334710.

Department of Applied Chemistry and Chemical Engineering (1972)

Chairman

Professor Dr. Dipti Saha

Professor

(1) Rafiqul Islam, M.Sc. Ph.D. (Azarbaijan, USSR); (2) Md. Abdul Quaiyyum, M.Sc. Ph.D. (Japan); (3) A. M. Sarwaruddin Chowdhury, M.Sc. Ph.D. (Japan); (4) Sayed Md. Shamsuddin, M.Sc. Ph.D. (Japan); (5) Md. Nurul Amin, M.Sc., Ph.D. (Japan); (6) Dipti Saha, M.Sc., Ph.D.; (7) Md. Nurnabi, M.Sc. Ph.D. (UK); (8) A.N.M. Hamidul Kabir, M.Sc. Ph.D. (Japan); (9) Md. Zahangir Alam, M.Sc. Ph.D. (Japan); (10) Mohammed Mizanur Rahman, M.Sc. Ph.D. (Japan); (11) Ashequl Alam Rana, M.Sc., Ph.D. (Japan); (12) Mohammad Kamruzzaman, M.Sc. Ph.D. (Japan); (13) A.F.M. Mustafizur Rahman, Ph.D. (Japan); (14) Mohammad Mainul Karim, M.Sc. Ph.D. (Korea); (15) Md. Ashaduzzaman M.Sc. Ph.D. (Japan-USA); (16) Shah Md. Masum, M.Sc. Ph.D. (Japan); (17) Papia Haque, M.Sc., Ph.D. (UK).

Associate Professor

(1) Md. Ashraful Islam Molla, M.S., Ph.D. (Japan); (2) Mohammad Ismail, M.S., Ph.D. (UK); (3) Mithun Sarker, M.S., Ph.D. (Korea); (4) Taslima Ferdous, M.S., Ph.D.; (5) Md. Nuruzzaman Khan, M.S., D.Sc. (Germany); (6) Sumaya Farhana Kabir, M.S., Ph.D. (UK); (7) Abul Khayer Mallik, M.Sc., Ph.D. (Japan).

Assistant Professor

(1) Md. Minhajul Islam, M.S. [Study leave]; (2) Taslim Ur Rashid, M.S., Ph.D. (UK); (3) Mr. Asaduzzaman, M.S. [Study leave]; (4) Sadia Sharmeen, M.S. [Study leave]; (5) Mohammad Shahrizzaman, M.S., Ph.D. (Japan); (6) Mr. Md. Shirajur Rahman, M.S. [Study leave]; (7) Ms. Shanta Biswas, M.S. [Study leave]; (8) Md. Minhajul Islam, M.S. [Study leave]; (9) Md. Sazedul Islam, M.S. [Study leave]; (10) Shaikat Chandra Dey, M.S. [Study leave]; (11) Tanvir Ahmed, M.S. (BUET).

Lecturer

(1) Khandoker Samaher Salem, M.S., Ph.D. (UK); (2) Md. Nurus Sakib, M.S. (BUET) [Study leave].

Students

Session	Year	Number of Students
First Year B.Sc. Hons.	2020-21	62
Second Year B.Sc. Hons.	2019-20	75
Third Year B.Sc. Hons.	2019-20	55
Fourth Year B.Sc. Hons.	2019-20	56
M.S.	2019-20	42
M.S.	2018-19	36
M. Phil.		04
Ph.D.		05

Examination Results

Year and class	No of examinees	Classes			Passed	Percentage
		$x \geq 3.0$	$2.0 < x < 3.0$	$2.0 \leq x < 2.0$		
M.S. 2019	40	38	01	-	39	97.5%
4th Year 2019	61	46	02	-	48	68.69%
3rd Year 2019	55	49	05	-	54	98.18%
2nd Year 2019	52	38	10	-	48	92.31%
1st Year 2019	62	44	14	-	58	86.57%

Co-Curriculum/Extra-Curriculum Activities

Field work and study-tour

As per the requirement, of the academic curriculum, the students of 1st, 2nd and 3rd years visited different chemical industries in Dhaka, Chittagong, Sylhet, Barisal, Noakhali and Khulna in the session 2019-20

Implant Training

The students of 4th year B.Sc. (Hons.) the session 2019-20 had finished internship (4-6 weeks) in different industries of Bangladesh Chemical Industries Corporation (BCIC) to acquire hand to hand experience. The industries included were the fertilizer, Pulp and paper, Cement, Sugar, among many other heavy industries. The students of MS class also completed one month training program in TICI, Ghorashal.

Sports

The students of this department participated in the inter-departmental cricket and football tournaments in the academic year 2019-20

Fresher's Reception, Farewell program and picnic

The department also arranged fresher's reception to welcome the newcomers (1st year students) of the session 2019-20 and arranged farewell Ceremony for the passing out students (MS) on the same occasion. The Vice-chancellor of Dhaka University attended as the chief guest while the Pro-vicechancellor, Treasurer and Dean of the science faculty were special guests on that occasion. In the same academic year, a picnic party was also arranged and the students, the teachers and staff of the department participated in that party.

Research Activities and Research Publications**Professor Dr. Rafiqul Islam****Research Interest**

1. Technology development for proper utilization of conventional energy resources (fossil fuels) considering environmental aspects. Lubricating oil preparation technology development.
2. Recycling of used motor oils.
3. Liquefaction of coal and its coliquefaction with biomass wastes.
4. Renewable sources of energy: Liquefaction and Gasification of biomass wastes, kinetics study and mathematical modeling.
5. Industrial waste management and surface water pollution of major rivers in Bangladesh.
6. Arsenic contamination of drinking water- sources and remedy.

7. Energy Efficiency Improvements in the Chemical industry- Greenhouse Gas Emission Reduction; Techno-Economic Potentials and Policy Instruments.
8. Study of coal from Bangladesh, its utilization and environmental aspects.
9. Nanotechnology, Membrane technology.

Prof. Dr. Rafiqul Islam is affiliated with the following organizations:

1. Director, Governing Body, Training Institute for Chemical Industries, B.C.I.C.
2. Member of Governing Body, Military Institute of Science and Technology
3. BSTI, Expert Member
4. BCSIR, Expert Member
5. UGC, Expert Member
6. Appointed as In-Charge, Science Workshop, Dhaka University.
7. Appointed as Director, Centre for Climate Change Study and Resource Utilization, DU.
8. Chairman of the Peer Review Committee on Engineering & Applied Science (EAS) for special allocation fund for Projects of the Ministry of Science & Technology, Govt. of Bangladesh.
9. Worked as Sub-Project Manager (Head) of the Higher Education Quality Enhancement Project of Government of the People's Republic of Bangladesh and University Grants Commission with support by the World Bank on the Project "Quality Enhancement of Undergraduate and MS Program: Improvement of Teaching Learning at Undergraduate and Master's Level of the Department of Applied Chemistry and Chemical Engineering, University of Dhaka"
10. Professor Dr Rafiqul Islam is a Member of the Editorial Board of the Journal of Asiatic Society.

Publications

1. Md. Moinul Islam, Abrar Zadeed Ahmed, Sumaya Farhana Kabir, Rafiqul Islam, Md. Ashraful Islam Molla. *Optimization of photodegradation conditions of Rhodamine B in water with Dye-Sensitized Titanium Dioxide*. Journal Clean WAS (JCleanWAS) 4(1) (2020) 28-31.

DOI: <http://doi.org/10.26480/jcleanwas.01.2020.28.31>

2. U. Hellriegel^{1,2,3,5}, E. Cañas Kurz^{1,2,3,6}, M.A.I. Molla^{3,4,7}, R. Islam^{3,4,8}, A. Figoli^{2,9}, B. Gabriele^{1,10} and J. Hoinkis^{4,11} *ENERGY EFFICIENT DESALINATION WITH MEMBRANE CAPACITIVE DEIONIZATION (MCDI)*. International Water Technology Journal, IWTJ Vol. 10, March 2020.

3. Abrar Zadeed Ahmed, Md. Moinul Islam, Mohammed Monjurul Islam, Shah Md. Masum, Rafiqul Islam & Md. Ashraful Islam Molla. *Fabrication and characterization of B/Sn-doped ZnO nanoparticles via mechanochemical method for photocatalytic degradation of rhodamine B*.

J. Inorganic and Nano-Metal Chemistry. DOI: 10.1080/24701556.2020.1835976.

J. Taylor & Francis. Published online: 21 Oct 2020.

Book Publication

****Rafiqul Islam**, Md. Nurnabi, M. Shahidul Islam, M. Shafiq-Ur-Rahman, Anwar Zahid, Md. Shahruzzaman. *CLIMATE CHANGE: ADAPTATION AND MITIGATION*, ISBN No.978-984-34-6705-8, Published by: Center for Climate Change Study and Resource Utilization, University of Dhaka, Bangladesh Association of Commonwealth Scholars And Fellows (BACSAF)

Alumni Association of German Universities in BANGLADESH (AAGUB). P.334, May 2019.

Professor Dr. Md. Abdul Quaiyyum

Research Interest

1. Electrochemistry
2. Pulp and Paper Technology

Prof. Md. Abdul Quaiyyum is a member of the Editorial Board of the following journal:

1. *The Dhaka University Journal of Science*.

Publications

1. Md. Nasir Uddin, Taslima Ferdous, Zahidul Islam, M. Sarwar Jahan and Md A. Quaiyyum. Development of Chemometric Model Characterization of Non-wood By FT – NIR data. Journal of Bioresources and Bioproducts, 2020, 5(3): 2050212.
2. M. Ismail, Anik Prodan, Md. Ikramil Hasan, S.M. Asaduzzaman Sujon, Mosharof Hossain and Md. A Quaiyyum. Production and Characterization of Biodiesel from Jatropha Seed oil Available in Bangladesh. Energy Sources, Part A, Recovery, Utilization and Environmental Effects. Accepted, 2020.
3. Taslima Ferdous, M. A. Quaiyyum, A. Salam and Sarwar Jahan. Pulping of Bagasse, Kash and Corn Stalks, Current Research in Green Chemistry and Sustainable Chemistry. Accepted, August, 2020.
4. Taslima Ferdous, M. A. Quaiyyum and Sarwar Jahan. Evaluation of Crops residues as pulping raw material: Eggplant, Cassava, Okra and mulberry plants,. Waste and Biomass Valorization. Accepted, September, 2020.
5. Taslima Ferdous, M. A. Quaiyyum, Kazi M. Yasin Arafat and Sarwar Jahan. Characterization of Chia Plant (*Salvia hispanica*) for pulping. Tappi Journal. Accepted, September, 2020.
6. Taslima Ferdous, M. A. Quaiyyum and M. Sarwar Jahan. Chlorine dioxide bleaching of nineteen non-wood plant pulps. Nordic Pulp and Paper Research Journal. Accepted, August, 2020.
7. Taslima Ferdous, Md. Iran Hossain, Momita Nanjiba, M. A. Quaiyyum, and M. Sarwar Jahan. Chlorine dioxide Bleaching of Crops Residues pulp: Bagasse, Kash and Corn stalks. Cellulose Chemistry and Technology. Accepted, December 2020.

8. Taslima Ferdous, M. A. Quaiyyum, Yangcan Jin, M. Shahriar, Kazi M. Yasin Arafat and M. Sarwar Jahan. Pulping and Bleaching Potential of Banana pseudo Stem, Banana Leaf, and Banana Peduncle . Biomass Conversion and Biorefinery. Accepted. December, 2020.

Prof. Dr. A.M. Sarwar Uddin Chowdhury
Professor (Grade I) and Former Chairman

Research Interests

2. Materials and Environment: Materials Science and Engineering, Materials physics, Environ friendly Polymeric materials, Tensile properties, Utilization of laser microscopes, Modification of fibres and fibrous materials by Graft co-polymerization using UV and gamma radiation, Laser techniques, Preparation of composite materials by polymerization, development of the textile properties (physico-mechanical) of fibres and fibrous materials.
3. Polymers and Environment: Natural polymeric material studies using modern techniques. Studies on widely available plant fibers using polymer materials w.r.t. Bangladesh environment.
4. Natural products chemistry-chemicals available in Bangladesh environment, Plants Chemistry and allied activities.
5. Shape memory materials: alloys (SMAs) & polymers (SMPs), SEM, TEM, DSC and Optical studies including laser microscopes on the surfaces to investigate modification.
6. Chemical Technology and Environmental problems, Environmental science using laser spectroscopy, Auto-oxidation of metals and their industrial application, Environmental Studies on heavy metals status in the biological samples, soil, water, sediments, plants and fishes by Spectroscopy, Electro analytical techniques, etc.

Prof. Dr AM Sarwaruddin Chowdhury is the Current President, Bangladesh Chemistry and Chemical Engineering Association (BACCEA)

Prof. Dr AM Sarwaruddin is the **Ex-Syndicate and Senate Member** of Khulna University.

Prof. Sarwaruddin is also affiliated with the following organizations:

1. BSTI- Expert Member and a Committee Chairman.
2. UGC- Expert Member
3. BCSIR- Expert Member
4. BJRI- Expert Member
5. a) Editorial Board Member, JBCS (Journal of Bangladesh Chemical Society) b) Editorial Board Member, DIUJAHs (Daffodil International University Journal of Allied Health Science) c) Ex-Editorial Board Member, DUJS (Dhaka University Journal of Science) d) Ex-Editorial Board Member, DUJASE (Dhaka University Journal of Applied Science and Engineering)
6. Life Member and Founder Convenor, Graduates Applied Chemistry and Chemical Technology Association
7. Member, American Chemical Society (ACS). [2238142]
8. Member, Society for Environmental Control in Biology, Japan. [GAI KOKU 65]
9. Member, New York Academy of Sciences. [5003IP]
10. Vice President, ACCE AA (Applied Chemistry and Chemical Engineering Alumni Association), University of Dhaka, Bangladesh
11. Member, Hokkaido University Foreign Students and Researcher Association, Japan.
12. Member, BACSAF (Bangladesh Association of Commonwealth Scholars and Fellows), Supported by the CSC Commission, UK.
13. Alumni, Commonwealth Science Council (CSC), London, UK
14. Alumni, DAAD-Deutcher Akademischer Austauschdienst (German Academic Exchange), Referat 224 (Alumni), 53175 Bonn, Germany.
15. Alumni, AvH- Alexander von Humboldt Foundation Program, Bonn, Germany.
16. Life Member, Japanese University Alumni Association of Bangladesh

(JUAAB) [LM-205]

17. Life Member, German University Alumni Association of Bangladesh.

18. Life Member, Bangladesh Chemical Society, Dhaka. [LM-892]

19. Life Member, Association of Humboldt Fellows Bangladesh, Dhaka. [HF-LM/44]

List of Publications

2021

1. Md. Farhad Ali, Md. Sahadat Hossain, Samina Ahmed and **A.M. Sarwaruddin Chowdhury**, Fabrication and Characterization of Composite Materials Using Multiple Waste Materials (Leather & Jute Fabrics) and Unsaturated Polyester Resin., *Nano Hybrids and Composites*, Vol. 33, pp 1-11, **2021** (Trans Tech Publications Ltd, Switzerland)
2. Md. Farhad Ali, Md. Sahadat Hossain, Tanvir Siddique moin, Samina Ahmed and **A.M. Sarwaruddin Chowdhury**, Utilization of waste chicken feather for the preparation of eco-friendly and sustainable composite, *Cleaner Engineering and Technology*, Elsevier Ltd., July **2021**. DOI: 10.1016/j.clet.2021.100190
3. Yeasmin Nahar Jolly, Atahar Rabby, Mehedi Hasan, Khan Mohammad Mamun, Shirin Akter, Jamiul Kabir, Mohammad Safiur Rahman, Hasan Md. Taseen Jubair Bhuiyan and **A. M. Sarwaruddin Chowdhury**, Seasonal and spatial distribution of heavy metals in an industrially affected river sediment and evaluation of ecological risk, health risk & pollution source. *Research Square*, May **2021**, DOI: 10.21203/rs.3.rs-569994/v1
4. Md. Farhad Ali, Md. Sahadat Hossain, Samina Ahmed and **A.M. Sarwaruddin Chowdhury**, Fabrication and characterization of eco-friendly composite materials from natural animal fibers. *Heliyon*, 7(5), May **2021**. DOI: 10.1016/j.heliyon.2021.e06954
5. Tasrina Rabia Chowdhury, Thamina Acter, Nizam Uddin, Masud Kamal, **A. M. Sarwaruddin Chowdhury**, M.Safiur Rahman, Heavy Metals Contamination of River Water and Sediments in The Mangrove Forest Ecosystems in Bangladesh: A Consequence

of Oil Spill Incident, January **2021**. DOI: <https://doi.org/10.1016/j.enmm.2021.100484>

6. Selina Kabir, Mohammad Rashedul Haque, **A. M. Sarwaruddin Chowdhury**, Mohammad Abdur Rashid, Choudhury Mahmood Hasan, Triterpenoids Isolated from Stem Bark of *Glochidion lanceolarium* (Roxb.), Voigt., *Journal of Science Foundation* 18 (1) : 13-18, January **2021**. DOI: 10.3329/jsf.v18i1.51278

2020

7. Hossain, Md Tarik, Md Sahadat Hossain, Mohammad B. Uddin, Ruhul A.Khan, and **A. M. Sarwaruddin Chowdhury**. Preparation and characterization of sodium silicate–treated jute-cotton blended polymer–reinforced UPR-based composite: effect of γ -radiation; *Advanced Composites and Hybrid Materials*: Springer Nature. 1-8., **2020**. DOI: 10.1007/s42114-020-00162-4
8. Md. Sahab Uddin, Md. Shariful Islam, Farjana Showline Chaity, Md. Ali Akbar, Shahin Akand, M. A. Gafur, **A. M. Sarwaruddin Chowdhury**. Evaluation of Laminated Composites Reinforced by High-performance Kevlar Filaments with Variable SiO₂: Mechanical, Morphological & Thermal Tests. *Composite Materials*. 4(2), pp. 15-24. doi: 10.11648/j.cm.20200402.11, 2020.
9. Md. Farhad Ali, Md. Sahadat Hossain, Samina Ahmed and **A. M. Sarwaruddin Chowdhury**, The effect of chemical treatment of composites of unsaturated polyester resin with cow hair fibre and chicken feather fibre. *Int J Multidisciplinary Research and Growth Evaluation*, 1(3): 45-51 July-August **2020**.
10. Yead Mahmud,, Nizam Uddin, Thamina Acter, Md. Minhaz Uddin, **A. M. Sarwaruddin Chowdhury**, Md. Latiful Bari, Ahmad Ismail Mustafa and Sayed Md. Shamsuddin, Enhancement of Antimicrobial Properties of Shoe Lining Leather Using Chitosan in Leather Finishing", *Advances in Materials research*, 9(3):233-250, 2020.

Professor Dr. Sayed Md. Shamsuddin**Research Interest**

Reaction kinetics, Reaction dynamics of small molecules, Photochemical properties of materials, Environmental pollution and Food Safety.

List of Publications

1. Eco-Friendly Goat Skin Preservation: An Approach for TDS, Salinity Reduction in Tannery Waste Water. Md. Minhaz Uddin, Nizam Uddin, Thamina Acter, Yead Mahmud, Sobur Ahmed, Md. Jawad Hasan, Sumaiya Mim, Md. Mokarom Hossain, Nasima Akter Mukta, Md Latiful Bari, Ahmad Ismail Mustafa and Sayed Md Shamsuddin; *Journal of Ecology & Natural Resources* 3(5), 1-14, 2019; DOI: 10.23880/jenr-16000182
2. Application of silver-assisted laser desorption ionization ultrahigh-resolution mass spectrometry for the speciation of sulfur compounds. Thamina Acter, Nissa Nurfajrin Solihat, Sungjune Kim, Nizam Uddin, Ahmad Ismail Mustafa, Sayed Md. Shamsuddin and Sunghwan Kim, *Analytical and Bioanalytical Chemistry* 412, 243–255, 2020; <https://doi.org/10.1007/s00216-019-02272-5>
3. A kaolinite/ TiO₂/ZnO-based novel ternary composite for photocatalytic degradation of anionic azo dyes. A K M Maksudul Hasan, Shaikat Chandra Dey, Muhammad Mominur Rahman, Abdullah Muhammad Zakaria, Mithun Saker, Md. Ashaduzzaman & Sayed Md. Shamsuddin; *Bull. Mater. Sci.* 43:27, 2020;
<https://doi.org/10.1007/s12034-019-1964-4>
4. Removal of Chromium(III) and Other Physical Parameters from Chrome Tan Wastewater and Recovery of Chromium from the Precipitating Sludge; Md. Minhaz Uddin, Md. Jawad Hasan, Md Didarul Islam, Ashiqur Rahaman, Sayed Md. Shamsuddin; *TLR* 3(2) 64-77, 2020, DOI: 10.31881/TLR.2020.07
5. Deciphering the Role of Quaternary N in O₂ Reduction over Controlled N-Doped Carbon Catalysts; Enamul Haque, Ali Zavabeti, Nizam Uddin, Yichao Wang, Md. Arifur Rahim, Nitu Syed, Kai Xu, Azmira Jannat, Farjana Haque, Bao Yue Zhang,

Mahbubul Alam Shoaib, Sayed Shamsuddin, Md Nurunnabi, Andrew I. Minett, Jian Zhen Ou, and Andrew T. Harris; *Chem. Mater.* 32(4), 1384-1392, 2020; <https://doi.org/10.1021/acs.chemmater.9b03354>

Professor Dr. Md. Nurul Amin**Research Interest**

1. Industrial wastewater treatment
2. Environment and analytical chemistry
3. Environmental pollution and management
4. Removal (Arsenic, Chromium phenotic compounds etc.) and purification of groundwater
5. Analysis of endocrine disrupting chemicals and toxic metal in biological and environmental samples
6. Pulp and paper making
7. Renewable energy and biomass.

List of Publications**Professor Dr. Dipti Saha****Research Interest:**

Alkylation of aromatic Hydrocarbons
Preparation of amphiphilic compounds having multialkyl chains
Food and nutrition
Natural products
Isolation, characterization and Utilisation of protein isolate, Composites
Intercatiation of clay etc.

List of Publications

- A Novel Self-standing Porous Composite Bed of Kaolinite-choline chloride for Highly Efficient Removal of Anionic Azo Dye from Aqueous solutions. Afroza Alam, Dipti Saha, Shaikat Chandra Dey, Mohammad Mominur Rahman and Md. Ashaduzzaman. *J. Mater. Environ. Sci.* vol. 11, Issue 11, Page-1828-1838, 2020.

- Mechanical and Thermal Properties of Self-Assembled Kaolin-Doped Starch Based Environment Friendly Nanocomposite Films, Md. Ashaduzzaman, Dipti Saha and Mohammad Mamunur Rashid, J. Comps. Sci. 2020, 4(2), 38, 2020.

Professor Dr. Md. Nurnabi

Research Interest

1. Studies on Membrane Bioreactor for waste water treatment and recycle.
2. Organic fluorescent nanoparticles and nanoparticles of rhenium complexes and their applications.
3. Synthesis of C-dots and their application.
4. Synthesis of graphene based adsorbents for dye removal
5. Microbial Fuel cell
6. Industrial and municipal waste management

List of Publications

1. Sayid, M.A, Ashraf, R, Alam, Z, Nurnabi, M. : Eco-friendly Leather Dyeing Using Ultrasound Technique., J. Am. Leather Chem. Assoc., vol.115, pp.199-206, June-2020 .
2. Choudhury, T. R., Bhowmik, S., Rahman, M. S., Nath, M. R., Jahan, F. N., Begum, B. A., & Nurnabi, M.* : Synthesis of Nano Zerovalent Iron Supported Sawdust (NZVI/SD) and Its Application for Removal of Arsenic (III) from Aqueous Solution., Chemical Science International Journal,, vol.29(1), pp.1-12, February-2020 .
3. Mahmudunnabi DM, Alam MZ, Nurnabi M : Application of Graphene Oxide for the Removal of Textile Dye FD-R H / C from Aqueous Solution., J. Mater. Environ. Sci., vol.11 (4), pp.531-539, March-2020

Professor Dr. A.N.M. Hamidul Kabir

Research Interest:

Surfactant Chemistry

Water Science and Treatment Technology.

Professor Dr. Md. Zahangir Alam

Research Interest:

Synthesis and Characterization of Photoresponsive polymers
Preparation of polymer composites
Synthesis of industrially important petrochemicals
Treatment of industrial wastewater

List of Publications

1. Md. Abu Sayid Mia, Refat-E-Ashraf, Mohammad Nurnabi and Md. Zahangir Alam : Ultrasound Assisted Eco-friendly Leather Dyeing, JALCA, vol.115, pp.199-206, 2020 .
2. Dewan Md. Mahmudunnabi, Md. Zahangir Alam and Md. Nurnabi : Removal of TURQUOISE GN from Aqueous Solution Using Graphene Oxide, Desalin Water Treat, vol.174, pp.389-399, 2020 .
3. Dewan M. mahmudunnabi, Md. Zahangir Alam and Mohammad Nurnabi : Application of Graphene Oxide for the Removal of Textile Dye FD-R H/C from Aqueous Solution, J. Mater. Environ. Sci., vol.11(4), pp.531-539, 2020 .

Professor Dr. Mohammed Mizanur Rahman

Research Interest

- Experienced in the development of self-assembling materials and application of self-assembling system in molecular recognition by HPLC and preparation variety of polymeric type stationary phases for chiral recognition and robust separation of environmental samples, steroids, nucleic acids, nucleo-bases, drugs etc and evaluation of their separation mechanism.
- Vastly experienced in synthesis of various functional monomers from amino acids and its derivatives and polymer-silica hybrid materials.
- Experienced in synthesis of living radical polymerization initiators (ATRP), supramolecularorganogelators synthesis.
- Post and pre modifications of polymer

- Synthesis and in vitro evaluation of various cationic lipids and peptides for Gene Delivery.
- Experienced in preparation of soft materials i.e. inorganic-polymer hybrids for separation science and polymer-magnetic nano particles (MNP) for drug delivery and magneto responsive organo and hydrogels.
- Development of fiber reinforced composites/biocomposite, nanocomposites and extraction of polymers from natural polysaccharides and proteins for biomedical applications.
- Biodegradable polymers and polymer composites and bionanocomposites.
- Worked as highly-prestigious JSPS fellow for 2 years and Humboldt fellow for 1 year.

List of Publications

Md Shahruzzaman, Md Minhajul Islam, Md Sazedul Islam, Md Nurus Sakib, Abul K Mallik, Papia Haque and Mohammed Mizanur Rahman *Semi-IPN Systems for Drug Delivery: Interpenetrating Polymer Network: Biomedical Applications*. 2020 .

Md Shahruzzaman, Md Minhajul Islam, Md Sazedul Islam, Md Nurus Sakib, Abul K Mallik, Papia Haque and Mohammed Mizanur Rahman *Semi-IPN Systems for Drug Delivery*. Springer, Singapore, 2020 .

Professor Dr. Ashequl Alam Rana

Research Interest

1. Synthetic organic chemistry
2. Separation science through HPLC method
3. Synthesis of antioxidants by alkylation process.

Professor Dr. Mohammad Kamruzzaman

Research Interest

1. Extraction and reuse of protein chromium from shaving dust.
2. Synthesis of azo-phenol type antioxidants for base oil
3. Reclamation of used lubricating oils.
4. Studies on E-waste management.

5. Fabrication of composite materials.
6. Studies on biofuels.
7. Synthesis and characterization of superabsorbent polymeric materials.
8. Studies on thermal and photo alignment behavior of poly ethylene imines (PEIs) having azobenzene side chain groups.
9. On-off photoswitching behavior of multi layer polymeric films.

Professor Dr. A.F.M. Mustafizur Rahman

Research Interest

1. Synthesis of organic and Organometallic compounds and evaluation of their biological activity.
2. Separation of carbon nanotubes (CNTs) through Host-Guest complexation, using organic tweezers molecules.
3. Preparation and application of Nanocomposites.
4. Isolation of bioactive compounds from indigenous medicinal plants.
5. Pharmaceutical Chemistry/ Production of biodiesel from plant products.

Professor Dr. Mohammad Mainul Karim

Research Interest

1. Investigation of new chemiluminescence reactions and their subsequent utilities for detection of biologically important compounds with flow injection analysis
2. Separation of biologically important compounds and pharmaceutical drugs by capillary electrophoresis using chemiluminescence, electrochemiluminescence detection
3. Synchronous scanning fluorescence for the analysis of composite drugs
4. Development of fluorimetric nanoparticles (Single organic nanoparticles and composite nanoparticles) for the detection of pharmaceutical drugs in biological samples
5. Application of sol-gel chemistry for the immobilization of sensing materials on solid support
6. Development of luminescent sensors
7. Chemometrics

8. Development of molecular imprinted polymers (MIP) for sensing applications
9. Development of cementing materials and their characterization

Professor Dr. Md. Ashaduzzaman

Research Interest

Biosensors and Bioelectronics, Metal-oxide nanoparticles, Supramolecular chemistry, Colloidal chemistry (micelles/vesicles/nanoparticles), Soft materials, Polymer chemistry (Block Copolymers, biopolymers), Ionic-liquids, Modification of cellulose beads, environment sensitive polymers, Atom transfer radical polymerization (ATRP), Radical addition-fragmentation Transfer (RAFT) polymerization, Nitroxide-mediated polymerization, Click reaction, Electrochemical measurements (cyclic voltammetry, Impedance), Fourier energy transfer (FRET), Scanning electron microscopy (SEM), Fluorescence spectroscopy, Dynamic light scattering (DLS), Thermo-gravimetric analysis (TGA), Differential scanning calorimeter (DSC), Nuclear magnetic resonance (¹H-NMR) spectrometer, Fourier transform infra-red spectroscopy (FTIR), Ultra violet – visible (UV-Vis) spectroscopy, Size exclusion chromatography (SEC), etc.

Publications

A kaolinite/TiO₂/ZnO-based novel ternary composite for photocatalytic degradation of anionic azo dyes, A K M Maksudul Hasan, Shaikat Chandra Dey, Muhammad Mominur Rahman, Abdullah Muhammad Zakaria, Mithun Sarkar, **Md. Ashaduzzaman** and Sayed Md. Shamsuddin, *Bull. Mater. Sci.* (2020) 43:27

Books

1. Fabrication of Polymeric Composite
Md. Ashaduzzaman & Mohammad Mamunur Rashid
Lambert Academic Publishing, ISBN 978-659-39569-7, 2013
1. Distillation of Crude Oil
Md. Ashaduzzaman & Md. Yunus Miah
Lambert Academic Publishing, ISBN 978-3-659-42496-0, 201

Professor Dr. Shah Md. Masum

Research Interest

Nowadays industrial activities have accelerated the release of pollutants which pose a significant threat to both environment and public health. Various techniques such as chemical precipitation, Lime coagulation, ion-exchange, ultrafiltration, electro dialysis, reverse osmosis, solvent extraction have some disadvantages like incomplete removal of metals, high reagent and energy requirement, generation of secondary wastes that require careful disposal.

Bio-materials can be used as source to trap heavy metals in contaminated waters. Biosorption offers several advantages over conventional treatment methods including cost effectiveness, efficiency, and minimization of chemical/biological sludge and regeneration of biosorbent with possibility of metal recovery. However, to improve the adsorption capacity and enhance the separation rate, the design and explorations of novel adsorbents are still necessary. The objective of the present research is to introduce technologies for our country to treat pollutants from industrial wastewater through biosorption process.

Research publications

1. R. Kabir, M. Saifullah, A Khalid, AZ Ahmed, **S M masum**, M Molla and A. Islam “ Synthesis of N-doped ZnO nanocomposites for sunlight photocatalytic degradation of textile dye pollutants” *Journal of composites Science* 4(2), 49, 2020.
2. AZ Ahmed, MM Islam, **S M Masum**, R. Islam, and MAI Molla” Fabrication and Characterization of B/Sn-doped ZnO nanoparticles via mechanochemical method for photolytic degradation of rhodium B” *Inorganic and Non-metal Chemistry*, 1-20,2020

Professor Dr. Papia Haque

Research Interest

- Bioresorbable polymer composites for bone implants
- Coupling agents reaction in the composites
- Degradable polymer synthesis
- Biomedical uses of natural and biopolymer

Dr. Md. Ashraful Islam Molla**Research Interest:**

- ✧ Removal of organic pollutants from wastewater
- ✧ Preparation and characterization of nanocomposites
- ✧ Effect of dye-sensitization in organic pollutants degradation
- ✧ Novel photocatalyst synthesis using different techniques
- ✧ Photocatalytic degradation of organic pollutants

Publications

1. T. Sultana, S.C. Dey, **M.A.I. Molla**, M.R. Hossain, M.M. Rahman, M.S. Quddus, M. Moniruzzaman, S.M. Shamsuddin, M. Sarker, Facile Synthesis of TiO₂/Chitosan Nanohybrid for Adsorption-Assisted Rapid Photodegradation of an Azo Dye in Water, *Reaction Kinetics, Mechanisms and Catalysis* 133, 1121–1139, **2021**.
2. M.A. Haque, A-Al. Kaium, **M.A.I. Molla**, M. Sarker, S.C. Dey, M. Ashaduzzaman, Facile Fabrication of Copper Oxide Nanoparticles for Antimicrobial Activity, *Journal Clean WAS* 5(1), 27–30, **2021**.
3. B. Mondol, A. Sarker, A.M. Shareque, S.C. Dey, M.T. Islam, A.K. Das, S.M. Shamsuddin, **M.A.I. Molla**, M. Sarker, Preparation of Activated Carbon/TiO₂ Nanohybrids for Photodegradation of Reactive Red-35 Dye Using Sunlight, *Photochem* 1(1), 54–66, **2021**.
4. **M.A.I. Molla**, G. Yanagi, M. Furukawa, I. Tateishi, H. Katsumata, S. Kaneco, Optimization of Operating Conditions for Electrochemical Decolorization of Methylene Blue with Ti/ α -PbO₂/ β -PbO₂ Composite Electrode, *Journal of Composites Science* 5(5), 117, **2021**; DOI: 10.3390/jcs5050117.
5. S.C. Paul, S.C. Dey, **M.A.I. Molla**, S. Debnath, M.S. Islam, M.Y. Miah, M. Ashaduzzaman, M. Sarker, Nanomaterials as Electrocatalyst for Hydrogen and Oxygen Evolution Reaction: Exploitation of Challenges and Current Progressions, *Polyhedron*, 193, 114871, **2021**.

6. A.Z. Ahmed, A.Z. Ahmed, M.M. Islam, M.M-ul. Islam, S.M. Masum, R. Islam, **M.A.I. Molla**, Fabrication and Characterization of B/Sn-doped ZnO Nanoparticles via Mechanochemical Method for Photocatalytic Degradation of Rhodamine B, *Inorganic and Nano-Metal Chemistry* 51 (10), 1369–1378, **2021**.

Book Chapter

1. **M.A.I. Molla**, A.Z. Ahmed, S. Kaneco, Reaction Mechanism for Photocatalytic Degradation of Organic Pollutant, In Nanostructured Photocatalysts: From Fundamental to Practical Applications, Editors: V.-H. Nguyen, D.-V.N. Vo, S. Nanda, Elsevier Publisher, 63–84, **2021**; DOI: <https://doi.org/10.1016/B978-0-12-823007-7.00011-0>.
2. **M.A.I. Molla**, A.Z. Ahmed, Synthesis, Characterization and Application of CuO/ZnO Nanocomposites, In Current Perspectives on Chemical Sciences, Editors: F. Khan, Book Publisher International, Vol. 6, 46–55, **2020**; DOI: 10.9734/bpi/cpcs/v6.

Dr. Mohammad Ismail**Research Interest**

- Carbon Capture & Storage (CCS), Clean Hydrogen Production
- Energy and Environment Pollution and Green Technology
- Climate Change & Renewable Energy
- Biogas, Biodiesel, Bio-oil Production and Conversion to Commercial Green Fuel
- Petrochemical Synthesis and Characterization
- Novel Catalyst Synthesis, its Industrial Application
- Nanomaterials and other Material Science
- University – Industry Partnership.

Current R & D Projects

1. Eco-friendly Biofuel production from MSW and Biomass-EPRC grant.

2. Nano-composite Oxygen Carriers for Multicycle High Temperature CO₂ Capture and H₂ Production in Power Plants. - **TWAS Grants**
3. Oxygen Carriers development from locally available sources for CO₂ Capture in Power Plants. **RSC Grant**
4. Integrated production of Bio-diesel and Bio-oil from Non-edible Sal (Shorearobusta) Seed. **DU-UGC Grant.**

Publications

2020

A. Ahmad, M. A. Al-Mamun, M. Al-Mamun, S. Huque & and M. Ismail : LFO Perovskites as Oxygen Carriers for Chemical Looping Oxygen Uncoupling (CLOU), Journal of Thermal Analysis and Calorimetry (impact factor:4.6) , 2021 .

[View More](#)

J. Farabi, M. Ismail and E. Abtahizadeh : Numerical Study of Non-Premixed MILD Combustion in DJHC Burner Using Eddy Dissipation Concept and Steady Diffusion Flamelet Approach, International Journal of Engineering & Manufacturing (IJEM) , 2021 .

[View More](#)

H. Ahmmed, M. I. Hasan, M. Mortuza and M. Ismail : Preparation and Physico-chemical Properties Evaluation of Biodiesel from Pithraj (Aphanamixis polystachya) Seeds Available in Bangladesh, Bangladesh Chemical Engineering Research Bulletin , 2021 .

[View More](#)

M. Hassan, M. Islam, N. Akter, A. Chowdhury and Mohamamd Ismail : Evaluation of fuel properties of Sal (Shorea robusta) seed and its oil from their physico-chemical characteristics and thermal analysis, Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, (impact factor:1.41) pp.1-12, 2020 .

[View More](#)

H. Ahmmed, M. Halim, M. Mortuza and Mohammad Ismail : Potato (Solanum tuberosum) Peel Waste Utilization for Eco-friendly Bio-oil

Production via Pyrolysis, Dhaka University Journal of Applied Science and Engineering, 2020 .

Mohammad Ismail, A. Prodhan, M. I. Hasan, S. M. A. Sujan and M. Hossain : Production and Physico-chemical Characterization of Biodiesel from Waste Cooking Oil Available in Bangladesh, Dhaka University Journal of Applied Science and Engineering, 2020 .

Anik Prodhan, M. Hasan, S. Sujan, M. Hossain, M. Quaiyyum & and Mohammad Ismail : Production and Characterization of Biodiesel from Jatropha (Jatropha curcas) Seed Oil Available in Bangladesh, Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, (impact factor:1.41) 2020 .

Dr. Mithun Sarker

Research Interests

Electrochemistry, Material Science.

Publications

1. A.K.M.M. Hasan, S.C. Dey, M.M. Rahman, A.M. Zakaria, **M. Sarker**, M. Ashaduzzaman, S.M. Shamsuddin, A kaolinite/TiO₂/ZnO-based novel ternary composite for photocatalytic degradation of anionic azo dyes, Bull. Mater. Sci. 43 (2020) 27.
2. T. Sultana, S.C. Dey, M.A.I. Molla, M.R. Hossain, M.M. Rahman, M.S. Quddus, M. Moniruzzaman, S.M. Shamsuddin, **M. Sarker**, Facile Synthesis of TiO₂/Chitosan Nanohybrid for Adsorption-Assisted Rapid Photodegradation of an Azo Dye in Water, *Reaction Kinetics, Mechanisms and Catalysis* 133, 1121–1139, **2021**.
3. M.A. Haque, A-Al. Kaium, M.A.I. Molla, **M. Sarker**, S.C. Dey, M. Ashaduzzaman, Facile Fabrication of Copper Oxide Nanoparticles for Antimicrobial Activity, *Journal Clean WAS* 5(1), 27–30, **2021**.
4. B. Mondol, A. Sarker, A.M. Shareque, S.C. Dey, M.T. Islam, A.K. Das, S.M. Shamsuddin, M.A.I. Molla, **M. Sarker**, Preparation of Activated Carbon/TiO₂ Nanohybrids for Photodegradation of Reactive Red-35 Dye Using Sunlight, *Photochem* 1(1), 54–66, **2021**.

5. S.C. Paul, S.C. Dey, **M.A.I. Molla**, S. Debnath, M.S. Islam, M.Y. Miah, M. Ashaduzzaman, M. Sarker, Nanomaterials as Electrocatalyst for Hydrogen and Oxygen Evolution Reaction: Exploitation of Challenges and Current Progressions, *Polyhedron*, 193, 114871, **2021**.

Dr. Taslima Ferdous

Research Interests

- Investigation of new chemiluminescence reactions and their subsequent utilities for detection of biologically important compounds with flow injection analysis.
- Separation of biologically important compounds and pharmaceutical drugs by capillary electrophoresis using chemiluminescence, electrochemiluminescence detection.
- Development of fluorescence based sensor using organic nano-particle probe immobilized in sol-gel glass and its biological and environmental applications
- Catalytic effect of metal nano-particles on fluorescence and chemiluminescence system.
- Isolation and characterization of natural products and investigation of their antimicrobial and cytotoxic activities

List of Publications

1. **Taslima Ferdous**, Yonghao Ni, Mohammad Abdul Quaiyyum, Mohammad Nashir Uddin and Md Sarwar Jahan, (2021) Non-Wood Fibers: Relationships of Fiber Properties with Pulp Properties, *ACS Omega*, 6 21613–21622, 2021.
2. **Taslima Ferdous**, M. Abdul Quaiyyum and M. Sarwar Jahan, (2021) Characterization and Pulping of Crops Residue: Eggplant, Cassava, Okra and Mulberry Plants, *Waste and Biomass Valorization*, 12:3161–3168, 2021.
3. **Taslima Ferdous**, Md. Imran Hossain, Moumita Nanjiba, M. A. Quaiyyum and M Sarwar Jahan, (2021) Chlorine dioxide bleaching of crops residues pulp: Bagasse, Kash and Corn stalks, *Cellulose Chemistry and Technology*, 55:281-287.

4. **Taslima Ferdous**, M. Abdul Quaiyyum, Yangcan Jin, M. Shahriar Bashar, Kazi M Yasin Arafat, M. Sarwar Jahan, (2021) Pulping and bleaching potential of banana pseudo stem, banana leaf and banana peduncle, *Biomass Conversion and Biorefinery*, (Accepted). <https://doi.org/10.1007/s13399-020-01219-6>
5. Sumaiya Akhter Ria, **Taslima Ferdous**, Kazi M. Yasin Arafat and M. Sarwar Jahan, (2021) Pulp refining in improving degree of substitution of methylcellulose preparation from jute pulp. *Biomass Conversion and Biorefinery* (Accepted). <https://doi.org/10.1007/s13399-020-00741-x>
6. **Taslima Ferdous**, M. Abdul Quaiyyum, M. Sarwar Jahan, (2020) Chlorine dioxide bleaching of nineteen non-wood plant pulps. *Nordic Pulp & Paper Research Journal*, 35(4):569-576. <https://doi.org/10.1515/npprj-2020-0043>
7. **Taslima Ferdous**, M. Abdul Quaiyyum, K.M.Y. Arafat, M. Sarwar Jahan, (2020) Characterization of chia plant (*Salvia hispanica*) for pulping. *Tappi Journal*, 19(10): 511-524. <https://doi.org/10.32964/TJ19.10.511>
8. Mohammad Nashir Uddin, **Taslima Ferdous**, Zahidul Islam, M. Sarwar Jahan and M. A. Quaiyyum, (2020) Development of Chemometric Model for Characterization of Non-wood by FT-NIR Data. *Journal of Bioresources and Bioproducts*, 5(3):196-203.
9. **Taslima Ferdous**, M. Abdul Quaiyyum, A. Salam, M. Sarwar Jahan, (2020) Pulping of bagasse (*Saccharum officinarum*), kash (*Saccharum spontaneum*) and corn stalks (*Zea mays*). *Current Research in Green and Sustainable Chemistry*, 3:100017. <https://doi.org/10.1016/j.crgsc.2020.100017>
10. **Taslima Ferdous**, M. Sarwar Jahan, M. Abdul Quaiyyum, M. Nashir Uddin, (2020) Formic acid pulping of crops residues available in Bangladesh. *Biomass Conversion and*

Biorefinery,10:289-297.

<https://doi.org/10.1007/s13399-019-00415->

10:289–297.

11. 11. **Taslima Ferdous**, M. Abdul Quaiyyum, M. A. Bashar, M. Sarwar Jahan, (2020) Anatomical, morphological and chemical characteristics of kaun straw (*Seetaria-Italika*). Nordic Pulp & Paper Research Journal, 35(2):288-298.

Dr. M. Nuruzzaman Khan

(DAAD Fellow; Germany, JSPS Post-Doctoral Fellow, Japan,)

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Current Research projects (2020-2021)

(1) **PROJECT NAME:**Electrospinning of Chitosan-Based Hybrid Nanofibers for Burn Wound Healing Applications(Ext.)

RESEARCH GRANT: MOST

DURATION: 12 months

PROJECT SUMMARY: The project will contribute to the development of new electrospinning techniques with biopolymers. In the investigation of materials for wound healing, chitosan will be used to develop nanofibers by the electrospinning system. Chitosan has limited electrospinnability, due to its polycationic nature in solution and rigid chemical structure. However, it is possible to get fiber from chitosan by blending with other polymers due to the formation of hydrogen bonds. The electrospun chitosan nanofibrous scaffold will be used to demonstrate the wound healing applications.

Achievements from this work: A significant amount of research works has been already completed. Now the optimization and characterization of the as prepared materials are under progress.

(2) **CO-SUPERVISED PROJECT NAME:** Sustainable production of chitosan based nanofibrous by electrospinning process.

RESEARCH GRANT: BANBEIS, MOE

DURATION: 36 months (On going)

PROJECT SUMMARY: The project aimed to develop a novel nanofibrous mats by employing an electrospinning method. The nanofibrous mats is expected to protect the wound from further infections and provide a better healing environment. In vivo studies will also be carried out and evaluated histopathologically. The incorporation of drugs and growth factors will also be done.

Achievements from this work: A significant amount of work has been already completed.

Research supervision Activities

Level of Study	Topics	Name of Student(s)	Current /Completion
MS	SmartNanocarriers for Drug delivery	DolaMazumder	2022
Research Assistant	Stimulus responsive nano-materials for DOX delivery	Salman Bin Aziz	2021
PhD	Synthesis of Magnetic Chitosan Nanocomposite for the removal of heavy metal and reactive dyes from industrial effluents	SunzidaHaqueRimu	2023
MS	Electrospinning of Chitosan-based Nanocomposites for Biomedical Applications	TasniaSiraz	2021
MS	pH responsive Composite from for Adsorption of	Tanvir Islam	2022 Co-Supervised

	Heavy Metals from Tannery Effluents		
MS	Biopolymer based renewable adsorbent for heavy metals removal	Tanzim	2022 Co-Supervised

Research Interests

- BioproteinTemplated Nanostructures
- Design of Renewable Materials for Metal & Dye Adsorption
- Nature Inspired Advance Materials for Soft Tissue Engineering
- Smart Bio-nanomaterials for Drug Delivery Systems
- Nano-biomaterials for Wound Healing Applications
- Electrospinning of Renewable Biopolymers-based composites
- Surface modification by E-beam/UV promoted chemical lithography.
- Effect of environmental estrogens in breast cancer.
- Fabrication of natural fiber composites for construction and engineering

Publications (2020-2021)

- 46. Rahman, Md. Ashiqur, Md. Lawshan Habib, Adib H. Chisty, Abul K. Mallik, M. Nuruzzaman Khan, PapiaHaque, and Mohammed Mizanur Rahman. 2022. "Organic-Inorganic Polymer Hybrids for Water and Wastewater Treatment." Pp. 29–54 in *Inorganic-Organic Composites for Water and Wastewater Treatment. Environmental Footprints and Eco-design of Products and Processes*, edited by E. Lichtfouse, S. S. Muthu, and A. Khadir. Singapore: Springer, Singapore. doi.org/10.1007/978-981-16-5916-4_2
- 45. Mekarom Hossain, M., Arif Chowdhury, M., Jawad Hossain, M., Harun-Ar Rashid, M., Acter, T., **Nuruzzaman Khan, M.**, Mahatabuddin, S., & Uddin, N. (2021). Heavy Metal Pollution in the Soil-Vegetable System of Tannery Estate. *Environmental*

Nanotechnology, Monitoring & Management, 100557. <https://doi.org/10.1016/J.ENMM.2021.100557>

- 44. **Khan, M. Nuruzzaman**, Maliha Chowdhury, and M. Mizanur Rahman. 2021. "Biobased Amphoteric Aerogel Derived from Amine-Modified Clay-Enriched Chitosan/Alginate for Adsorption of Organic Dyes and Chromium (VI) Ions from Aqueous Solution." *Materials Today Sustainability* 13:100077. doi: 10.1016/J.MTSUST.2021.100077.
- 43. Alam, MdAsraful, Gul Muhammad, **M. Nuruzzaman Khan**, M. Mofijur, YongkunLv, WenlongXiong, and JingliangXu. 2021. "Choline Chloride-Based Deep Eutectic Solvents as Green Extractants for the Isolation of Phenolic Compounds from Biomass." *Journal of Cleaner Production* 309 (April 2020): 127445. <https://doi.org/10.1016/j.jclepro.2021.127445>.
- 42. **Khan, M. Nuruzzaman**, Md. Nazrul Islam, Md. Sazedul Islam, Md. Minhajul Islam, Md. Sirajur Rahman, SumayaFarhanaKabir, Tanvir Ahmed, and Mohammed Mizanur Rahman. 2021. "Physico-Chemical Properties of Cellulose Nanoparticle-Based Advanced Materials." In *Cellulose Nanoparticles: Volume 2: Synthesis and Manufacturing*, edited by Janet Scott Vijay Kumar Thakur, ElisabeteFrollini, 210–35. 10: Royal Society of Chemistry 2021. <https://doi.org/10.1039/9781788019545-00210>.
- 41. Mallik, Abul K., Shanta Biswas, Md. Shahruzzaman, Tanvir Ahmed, Md. Minhajul Islam, **M. Nuruzzaman Khan**, PapiaHaque, and Mohammed Mizanur Rahman. 2021. "Electrospinning of Nanocellulose for Advanced Nanocomposite Materials." In *Cellulose Nanoparticles: Volume 2: Synthesis and Manufacturing*, edited by Janet Scott Vijay Kumar Thakur, ElisabeteFrollini, 323–47. Royal Society of Chemistry 2021. <https://doi.org/10.1039/9781788019545-00323>.
- 40. Chisty, Adib H., Rifat A. Masud, M. MehediHasan, **M. Nuruzzaman Khan**, Abul K. Mallik, and Mohammed Mizanur Rahman. 2020. "PEGylated Chitin and Chitosan Derivatives." In *Handbook of Chitin and Chitosan, Volume 1: Preparation and Properties*, edited by SreeragGopi, Sabu Thomas, and Anitha Pius,

- 59–100. Elsevier. <https://doi.org/10.1016/b978-0-12-817970-3.00003-1>
- 39. Hasan, M. Mehedi, Md. Lawshan Habib, Md. Anwaruzzaman, Md. Kamruzzaman, **M. Nuruzzaman Khan**, and Mohammed Mizanur Rahman. 2020. "Processing Techniques of Chitosan-Based Interpenetrating Polymer Networks, Gels, Blends, Composites and Nanocomposites." In Handbook of Chitin and Chitosan, Volume 2: Composites and Nanocomposites from Chitin and Chitosan, Manufacturing and Characterisations, edited by SreeragGopi, Sabu Thomas, and Anitha Pius, 61–93. Elsevier. <https://doi.org/10.1016/B978-0-12-817968-0.00003-2>.
 - 38. Hasan, Md. Mehedi, Adib H. Chisty, Mohammed Mizanur Rahman, and **M. Nuruzzaman Khan**. 2020. "Bioprotein Based IPN Nanoparticles as Potential Vehicles for Anticancer Drug Delivery: Fabrication Technology." In Interpenetrating Polymer Network: Biomedical Applications, 183–203. Springer, Singapore. https://doi.org/10.1007/978-981-15-0283-5_7.
 - 37. Rahman, MdAshiqur, MdSazedul Islam, PapiaHaque, **M. Nuruzzaman Khan**, Makoto Takafuji, Murshida Begum, Gawsia W. Chowdhury, Mala Khan, and Mohammed Mizanur Rahman. 2020. "Calcium Ion Mediated Rapid Wound Healing by Nano-ZnO Doped Calcium Phosphate-Chitosan-Alginate Biocomposites." *Materialia* 13 (September): 100839. <https://doi.org/10.1016/J.MTLA.2020.100839>.

Contribution to Conference Proceedings

Khan, M. N.; Ihara, H. In Fabrication of twisted 1D nanostructure from conjugated polymers coated amyloid fibril, 4th Young Scientist Congress, Bangladesh Academy of Science, Dhaka, Bangladesh, Dhaka, Bangladesh, 13-15 December, 2019.

Khan, M. N.; Ihara, H. In A facile preparation of nitrogen enriched carbon-coated nanospheres via morphological transcription and stabilization of β -lactoglobulin protein 2nd International Conference on Innovation in Engineering and Technology-2019, University of Dhaka, Bangladesh, University of Dhaka, Bangladesh, 23-24 December, 2019

Khan, M. N.; Orimoto, Y.; Kuwahara, Y.; Takafuji, M.; Ihara, H. In Fabrication of π -conjugated carbon-like polymeric nanospheres through morphological stabilization of β -lactoglobulin, E-MRS 2018 Spring Meeting, Strasbourg, France, European Materials Research Society Strasbourg, France, June 18-22, 2018

Khan, M. N.; Kuwahara, Y.; Takafuji, M.; Ihara, H. In Twisted π -Conjugated Carbon-like Polymer Nanofiber Fabricated from Self assembled Beta-Lactoglobulin Protein Template 2018 MRS Spring Meeting, Phoenix Convention Center in Phoenix, Arizona., Materials Research Society, USA: Phoenix Convention Center in Phoenix, Arizona., April 2-6, 2018

Khan, M. N.; Ihara, H. In Morphological stabilization and transcription of organic nanotube by co-polymerization of 1,5-dihydroxynaphthalene and 1,3,5-trimethylhexahydro-1,3,5-triazine, The Society of Fiber Science and Technology 2017, Autumn Meeting Phoenix Seagaia Resort, Miyazaki JAPAN, The Society of Fiber Science and Technology, Japan Phoenix Seagaia Resort, Miyazaki JAPAN, November 1 – 2, 2017.

REVIEWER OF

1. *Journal of Physical Chemistry*, ACS, USA.
2. *Open Journal of Medical Microbiology* (OJMM), SRP, USA.
3. *Journal of composite Interface*, Taylor & Francis, USA.
4. *Journal of Applied Polymer Science*, John Wiley & Sons, Inc, USA.

Dr. Sumaya Farhana Kabir

List of Publications

1. Md. Moinul Islam, Abrar Zadeed Ahmed, **Sumaya Farhana Kabir**, Rafiqul Islam, Md. Ashraf Islam Molla. Optimization of photodegradation conditions of rhodamine b in water with dye-sensitized titanium dioxide. *Journal Clean WAS (J Clean WAS)*, 4(1), 28-31, 2020.
2. **Sumaya F. Kabir**, Kevin Adlington, Andrew J. Parsons, Ifty Ahmed, Derek J. Irvine. Comparison of thermal,thermo-mechanical

and rheological properties of blends of divinyl benzene based hyperbranched and linear functionalised polymers. *Journal of Applied Polymer Science*, 137(15), 2020.

Dr. Abul Khayer Mallik

List of publications (in referred journal and book chapters)

- 1) **Abul K. Mallik**,* M. N. Sakib, M. Shaharuzzaman, P. Haque, M. M. Rahman, "Chitin nanomaterials: preparation and surface modifications." *Handbook of Chitin and Chitosan: Volume 1: Preparation and Properties*, *Elsevier*, Chapter 6, Vol. 3 pp 199-221, 2020.
- 2) M.R. Hossain, **Abul K. Mallik**,* M. M. Rahman, "Fundamentals of chitosan for biomedical applications." *Handbook of Chitin and Chitosan: Volume 3: Chitin- and Chitosan-based Polymer Materials for Various Applications*, *Elsevier*, Chapter 7, Vol. 1 pp 165-189, 2020.
- 3) A. H. Chisty, R. A. Masud, M. Mehedi, M. Hasan, **Abul K. Mallik**, M. M. Rahman, "PEGylated chitin and chitosan derivatives." *Handbook of Chitin and Chitosan: Volume 1: Preparation and Properties*, *Elsevier*, Chapter 3, Vol. 1 pp 59-93, 2020.
- 4) M. Shahruzzaman, M. M. Islam, M. S. Islam, M. N. Sakib, **Abul K. Mallik**, P. Haque, M. M. Rahman, In: *Interpenetrating Polymer Network: Biomedical Applications*, Jana S., Jana S. (eds), "Semi-IPN Systems for Drug Delivery " *Springer*, Singapore, pp. 205-236, 2020.

Dr. Taslim Ur Rashid

Publications: July 01, 2020 to June 30, 2021

1. Mohammed Mizanur Rahman*, Sunzida H. Rimu, Shanta Biswas, **Taslim Ur Rashid**, Adib H. Chisty, Ashiqur Rahman, Salauddin Murad, and Papia Haque. Preparation of poly (acrylic acid) exfoliated clay composite by in-situ polymerization for decolouration of methylene blue from wastewater. *International Journal of Environmental Analytical*

Chemistry, August 31st, 2020, 1-17.
<https://doi.org/10.1080/03067319.2020.1813732>

2. Elnaz Shabani*, **Taslim Ur Rashid**, Russell E. Gorga, Wendy E. Krause. A facile LED backlight in situ imaging technique to investigate sub-micron level processing. *Polymer Testing*, September 26, 2020, 92, 106865. <https://doi.org/10.1016/j.polymertesting.2020.106865>

3. M. Mehedi Hasan, Md Didarul Islam, and **Taslim Ur Rashid***. Biopolymer-Based Electrolytes for Dye-Sensitized Solar Cells: A Critical Review. *Energy and Fuels*, November 2020, 34 (12), 15634–15671. <https://doi.org/10.1021/acs.energyfuels.0c03396>

4. **Taslim Ur Rashid***. Ionic liquids: Innovative fluids for sustainable gas separation from industrial waste stream. *Journal of Molecular Liquids*, 1 January 2021, 321, 114916. <https://doi.org/10.1016/j.molliq.2020.114916>

5. Maimuna Akter, Maitry Bhattacharjee, Avik Kumar Dhar, Fahim Bin Abdur Rahman, Siddika Haque, **Taslim Ur Rashid**, and S M Fijul Kabir*. Cellulose-Based Hydrogels for Wastewater Treatment: A Concise Review. *Gels* 2021, 7(1), 30. <https://doi.org/10.3390/gels7010030>

6. Shanta Biswas*, Jannatun Fatema, Tonmoy Debnath, and **Taslim Ur Rashid***. Chitosan–Clay Composites for Wastewater Treatment: A State-of-the-Art Review. *ACS ES&T Water*, 24 March 2021, 1 (5), 1055–1085. <https://doi.org/10.1021/acsestwater.0c00207>

7. **Taslim Ur Rashid***, Russell E. Gorga, Wendy E. Krause. Mechanical Properties of Electrospun Fibers—A Critical Review. *Advanced Engineering Materials*, 18 May 2021, 23 (9), 2100153. <https://doi.org/10.1002/adem.202100153>

Dr. Md. Shahruzzaman

PEER REVIEWED PUBLICATIONS

1. Md. Minhajul Islam, **Md. Shahruzzaman**, Shanta Biswas, Md. Nurul Sakib and Taslim Ur Rashid, "Chitosan Based Bioactive Materials in Tissue Engineering Applications – A Review", *Bioactive Materials*, Vol. 5, 164-183, 2020.

Department of Computer Science and Engineering (1992)

Chairman

Professor Dr. Saifuddin Md. Tareeq, M.Sc, M.S. (Australia) Ph.D. (Japan)

Professor

(1) Suraiya Pervin, M.Sc, Ph.D. (I.I.T, Kharagpur, India); (2) Md. Haider Ali, M.Sc, D.E. (Japan); (3) Hafiz Md. Hasan Babu, M.Sc. (Check Republic) Ph.D. (Japan); (4) Md. Rezaul Karim, M.Sc, M.Tech (I.I.T., Kharagpur, India), Ph.D. (BUET, Dhaka); (5) Md. Hasanuzzaman, M.Sc, Ph.D. (Japan), Post Doc (Japan); (6) Shabbir Ahmed, M.Sc, Ph.D. (Australia); (7) Md. Mustafizur Rahman, M.Sc, Ph.D. (South Korea); (8) Md. Abdur Razzaque, M.Sc, Ph.D. (South Korea); (9) Chowdhury Farhan Ahmed, M.Sc, Ph.D. (South Korea); (10) Md. Mamun-Or- Rashid, M.Sc, Ph.D. (South Korea); (11) Mosaddek Hossain Kamal, M.Sc, M.S. (Australia) Ph.D. (Canada) [On Leave]; (12) Upama Kabir, M.Sc, M.S. (Australia), Ph.D. (Canada); (13) Mohammad Asif Hossain Khan, M.Sc, Ph.D. (Japan).

Associate Professor

(1) Syed Faisal Hasan, M.Sc, Ph.D. (New Zealand) [On Leave]; (2) Mr. Abu Ahmed Ferdaus, M.Sc.; (3) Shaily Kabir, M.Sc., Ph.D. (UK) [On Leave]; (4) Moinul Islam Zaber, M.Sc, Ph.D. (USA); (5) Mosarrat Jahan, M.Sc., Ph.D. (Australia); (6) Ismat Rahman, M.Sc., Ph.D. (UK).

Assistant Professor

(1) Ms. Shuvra Chakraborty, M.Sc. [On Leave]; (2) Sarker Tanveer Ahmed Rume, M.Sc. Ph.D. (USA); (3) Mr. Hasnain Heickal, M.Sc. [On Leave]; (4) Md. Mosaddek Khan, M.Sc. Ph.D. (UK); (5) Md. Samiullah, M.Sc., Ph.D. (Australia); (6) Muhammad Ibrahim, M.Sc., Ph.D. (Australia).

Lecturer

(1) Mr. Mahmood Jasim, M.Sc. [On Leave]; (2) Mr. Shiplu Hawlader, M.Sc. [On Leave]; (3) Mr. Muhammed Tawfiqul Islam, M.Sc. [On

Leave]; (4) Ms. Tahrima Hashem M.Sc. [On Leave]; (5) Ms. Asma Enayet, M.Sc. [On Leave]; (6) Ms. Iffat Anjum, M.Sc. [On Leave]; (7) Ms. Nusrat Mehajabin, M.Sc. [On Leave]; (8) Mr. Tamal Adhikary, M.Sc. [On Leave]; (9) Mr. Mubin Ul Haque, M.Sc. [On Leave]; (10) Mr. Md. Mofijul Islam, M.Sc. [On Leave]; (11) Mr. Md. Mahmudur Rahman, M.Sc.; (12) Ms. Zarrin Tasnim Sworna, M.Sc. [On Leave]; (13) Mr. Md. Ashraful Islam, M.Sc.

Part-Time Teacher

(1) Prof. Dr. Md. Babul Hasan, Dept. of Math, DU.; (2) Mr. Golam Dastagir Al-Quaderi, Associate Professor, Department of Physics, DU.; (3) Dr. Shamim Ahmed Dewan, Assistant Professor, Department of RME, DU.; (4) Mr. Md. Habibur Rahman, Former Associate Professor, Dept. of Humanities, BUET.; (5) Dr. Sharmin Sultana, Assistant Professor, Dept. of Humanities, BUET.

Students

1 st Year B.Sc.Hons (2019-2020)	68
2 nd Year B.Sc.Hons (2019-2020)	71
3 rd Year B.Sc.Hons (2019-2020)	58
4 th Year B.Sc. Hons (2019-2020)	58
M.S. Course (2019-2020)	25
M.Phil. (2019-2020)	1
Ph.D. (2019-2020)	<u>3</u>
Ph.D. (2020-2021)	<u>1</u>
Total Students	285

Examination Results

Year and Class	No of Examinees	Passed	Percentage of Pass
B.Sc. Hons 2019	63	55	87.30%
M.S. 2019	09	09	100%

Published Article and Publications**Book**

1. Hafiz Md. Hasan Babu, *"Quantum Computing: A Pathway to Quantum Logic Design"*, IOP (Institute of Physics) Publishing, 2020, Bristol, UK
2. Hafiz Md. Hasan Babu, *"Reversible and DNA Computing"*, Wiley Publishers, 2021, UK

Article

1. Md. Abdul Mannan Mondal and **Mohammad Haider Ali**, *"Self-guided Stereo Correspondence Estimation Algorithm."* International Journal of Image and Graphics Vol. 21, No. 03, 2150028 (2021) World Scientific Publishing Company DOI: 10.1142/S0219467821500285
2. Md. Abdul Mannan Mondal and **Mohammad Haider Ali**, *"Disparity of Stereo Images by Self-Adaptive Algorithm."* (IJACSA) International Journal of Advanced Computer Science and Applications (IJACSA), Vol. 11, No. 5, 2020 doi = 10.14569/IJACSA.2020.0110558,
3. Md Shahin Alom Shuvo, Md. Azad Rahaman Munna, Sujan Sarker, Tamal Adhikary, **Md. Abdur Razzaque**, MM Hassan, Gianluca Aloï, Giancarlo Fortino, *"Energy-Efficient Scheduling of Small Cells in 5G: A Meta-Heuristic Approach."* Journal of Network and Computer Applications. (2021)
4. Palash Roy, Sujan Sarker, **Md. Abdur Razzaque**, Mamun-Or-Rashid, M.M. Hassan, G. Fortino *"Distributed Task Allocation in*

Mobile Device Cloud of Smart City Exploiting Federated Learning and Subjective Logic." Journal of Systems Architecture, Elsevier. 113: (2021)

5. Md. Rajibul Palas, Md. Rakibul Islam, Palash Roy, **Md. Abdur Razzaque**, Ahmad Alsanad, SA Qahtani, MM Hassan, *"Multi-Criteria Handover Mobility Management in 5G Cellular Network."* Journal of Computer Communications (Elsevier). (2021)
6. Sajeeb Saha, Md. Ahsan Haibib, Tamal Adhikary, **Md. Abdur Razzaque**, Md. Mustafizur Rahman, MM Hassan, *"Quality-of-Experience-Aware Incentive Mechanism for Workers in Mobile Device Cloud."* IEEE Access. 1-18 (2021)
7. Jannatul Ferdous, Md. Parvez Mollah, **Md. Abdur Razzaque**, MM Hassan, A. Alamri, G. Fortino, *"Optimal Dynamic Pricing for Trading-Off User Utility and Operator Profit in Smart Grid."* IEEE Transactions on Systems, MAN and Cybernetics. 50(2): 455-467 (2020)
8. Mohammad Kamrul Hasan, Musse Mohamud Ahmed, Aisha Hassan Abdalla Hashim, **Md. Abdur Razzaque**, Shayla Islam, *"A Novel Artificial Intelligence Based Timing Synchronization Scheme for Smart Grid Applications."* Wireless Personal Communications. 114(2): 1067-1084 (2020)
9. Palash Roy, Anika Tahsin, Sujan Sarker, Tamal Adhikary, **Md. Abdur Razzaque**, Mohammad Mehedi Hassan, *"User Mobility and Quality-of-Experience Aware Placement of Virtual Network Functions in 5G."* Computer Communications (Elsevier). 150(1): 367-377 (2020)
10. Shayla Islam, Othman O. Khalifa, Aisha Hassan Abdalla Hashim, Mohammad Kamrul Hasan, **Md. Abdur Razzaque**, Biswajeet

- Pandey, "Design and Evaluation of a Multihoming-Based Mobility Management Scheme to Support Inter Technology Handoff in PNEMO." *Wireless Personal Communications*. 114(2): 1133-1153 (2020)
11. Abdullah-Al Nahid, Niloy Sikder, Anupam Kumar Bairagi, **Md. Abdur Razzaque**, Mehedi Masud, Abbas Kouzani, M A Parvez Mahmud, "A Novel Method to Identify Pneumonia through Analyzing Chest Radiographs Employing a Multichannel Convolutional Neural Network." *Sensors*. (2020)
 12. Md. Ahsan Habib, Sajeeb Saha, **Md. Abdur Razzaque**, Mamun-Or-Rashid, Mehedi Hassan, P. Pace, G. Fortino, "Lifetime Maximization of Sensor Networks Through Optimal Data Collection Scheduling of Mobile Sink." *IEEE Access*. 8: 163878-163893 (2020)
 13. Abdu Gumaei, Mabrook Al-Rakhami, Mohammad Mehedi Hassan, Atif Alamri, **Md. Abdur Razzaque**, Musaed Alhussein, Giancarlo Fortino, "A deep learning-based driver distraction identification framework over edge cloud." *Neural Computing and Applications* (Springer). (2020)
 14. Palash Roy, Sujan Sarker, **Md. Abdur Razzaque**, MM. Hassan, Salman A. A., G. Aloï, G. Fortino, "AI-enabled Mobile Multimedia Service Instance Placement Scheme in Mobile Edge Computing." *Computer Networks* (Elsevier). 182: (2020)
 15. Mozdahaer Abdul Quader, Montaser Abdul Quader, Palash Roy, **Md. Abdur Razzaque**, "A Hybrid Approach for Routing Path Computation in Software Defined Ultra Dense Network." 2020 2nd International Conference on Sustainable Technologies for Industry 4.0 (STI), 19-20 Dec 2020, Dhaka, Bangladesh. (2020)
 16. Md. Mamunur Rahman, Md. Rashfit Ahmed Rahi, **Md. Abdur Razzaque**, "Federated Learning for Accurate Detection of Speed Breakers on The Road." 2020 2nd International Conference on Sustainable Technologies for Industry 4.0 (STI), 19-20 Dec 2020, Dhaka, Bangladesh. (2020)
 17. Amena Zahan Prithibi, Syeda Kanij Faria, Palash Roy, **Md. Abdur Razzaque**, "Network Lifetime Aware Routing Algorithm for Energy Harvesting Wireless Sensor Networks." 2020 2nd International Conference on Sustainable Technologies for Industry 4.0 (STI), 19-20 Dec 2020, Dhaka, Bangladesh. (2020)
 18. Mohammad Mehedi Hassan, Atif Alamri, Musaed Alhussein, Abdu Gumaei, **Md. Abdur Razzaque**, Mabrook Al-Rakhami, Giancarlo Fortino, "A Real-time e-Health Data Collection System from On-board Vehicle Drivers in Smart City." 2020 2nd International Conference on Sustainable Technologies for Industry 4.0 (STI), 19-20 Dec 2020, Dhaka, Bangladesh. (2020)
 19. Palash Roy, Sujan Sarker, **Md. Abdur Razzaque**, Md. Mamun-Or-Rashid, Md. Mehedi Hassan, Giancarlo Fortino, "Distributed Task Allocation in Mobile Device Cloud Exploiting Federated Learning and Subjective Logic." *Journal of Systems Architecture* (Elsevier). (2020)
 20. Shaikhum Monira, Upama Kabir, **Mosarrat Jahan**, and Uchswas Paul, "An Efficient and Secure Handover Mechanism for SDN-Enabled 5G HetNet." Page no: 1-6. *IEEE Blackseacom'2021*, May, 2021
 21. Md. Tanvir Alam, **Chowdhury Farhan Ahmed**, Md. Samiullah, Carson K. Leung, "Mining Frequent Patterns from Hypergraph Databases." *Proc. The 25th Pacific-Asia Conference on Knowledge Discovery and Data Mining (PAKDD)*, Part-2, pp. 3-15, May 2021.
 22. Md. Tanvir Alam, **Chowdhury Farhan Ahmed**, Md. Samiullah, Carson K. Leung, "Discriminating Frequent Pattern Based Supervised Graph

Embedding for Classification.” Proc. The 25th Pacific-Asia Conference on Knowledge Discovery and Data Mining (PAKDD), Part-2, pp. 16-28, May 2021.

23. Kashob Kumar Roy, Md Hasibul Haque Moon, Md Mahmudur Rahman, **Chowdhury Farhan Ahmed**, Carson K. Leung, “*Mining Sequential Patterns in Uncertain Databases Using Hierarchical Index Structure.*” Proc. The 25th Pacific-Asia Conference on Knowledge Discovery and Data Mining (PAKDD), Part-2, pp. 29-41, May 2021.

Nuclear Engineering Department (2010)

Chairman

Engr. Mohammad Monzur Hossain Khan, M. Sc. (Germany), MBA (Netherlands) Ph.D. (Ongoing)

Professor

Md. Shafiqul Islam, B.Sc. (BUET), M.Sc., Ph.D. (Japan)

UGC Professor

Professor Dr. Khorshed Ahmad Kabir M. Sc, M.S. & PhD (Pittsburg, USA).

Associate Professor

Afroza Shelley, B.Sc. & M.Sc.(Jahangirnagar University), Ph.D. (Japan)

Assistant Professor

(1) Mr. Md. Fazlul Huq, M. S. [On Study Leave]; (2) Mr. Md. Hossain Sahadath, M. S.; (3) Mr. Md. Mahidul Haque Prodhon, M. S. [On Study Leave]; (4) Mr. Md. Iqbal Hosan, M. S.; (5) Mr. Md. Faisal Rahman, M. S. [On Study Leave]; (6) Md. Jafor Dewan, M. S.

Lecturer

(1) Mr. Sabrin Abdus Samad, M. S. [On Study Leave]; (2) Md Akhlak Bin Aziz, M.Sc. (UK); (3) Dr. Animesh Pal, M.Sc. (Japan), Ph.D. (Japan).

Part-Time Teacher

(1) Prof. Dr. Amullah Chandra Mondol, Chairman, Dept. of Math. D.U.; (2) Prof. Dr. Md. Jafar Ahmed Khan, Department of Statistics, D.U.; (3) Prof. Dr. Z.M. Parvez Sazzad, EEE Dept, D.U.; (4) Prof. Dr. Samir Kumar Bhowmik, Dept of Mathematics. D.U.; (5) Prof. Dr. Kazi Muheymin-U-Sakib, Institute of Information Technology, D.U.; (6) Dr. Kazi Hanium Maria, Associate Professor, Dept. of Physics, D.U.; (7) Dr. Muhammad Asif Hossain Khan, Associate Prof., Department of CSE, D.U.; (8) Dr. Samina Lutfa, Associate Professor, Dept. of Sociology, D.U.; (9) Dr. Mohammad Ismail, Associate Professor, Dept. of Applied Chemistry & Chemical Engr. D.U.; (10) Dr. Nepal Chandra Roy, Associate Professor, Dept of Math. D.U.; (11) Dr. A B M Shahadath Hossani, Associate Professor, Dept. of Applied Math. D.U.; (12) Mrs. Mahfida Tahniat, Assistant Professor, Dept. of English, D.U.; (13) Mr. Towhid Hossain, Assistant Professor, Dept of Mathematics. D.U.; (14) Mr. Md. Ariful Islam, Assistant Professor, Management Information System Dept., D.U.; (15) Mrs. Gagaeva Kizil Gioul, Assistant Professor, Institute of Modern Languages, D.U.; (16) Mr. Ahsan Uddin, Assistant Professor, AIS Dept. D.U.; (17) Md. Zahidul Islam, Assistant Professor, EEE Dept, D.U.; (18) Dr. Md. Shawkat Akbar, Project Director, RNPP, Bangladesh Atomic Energy Commission.; (19) Dr. Md. Abdul Malek Soner, PSO, AERE. Bangladesh Atomic Energy Commission.

Teachers Publication

Engr. Mohammad Monzur Hossain Khan

1. **Mohammad Khan**, A unique Application of Pncdd X-Ray Detector in Material Characterization, **Journal of Material Sciences & Engineering**, Germany, Published 22 March, 2021

Dr. Md. Shafiqul Islam**Publications:**

1. Abid Hossain Khan, **Md. Shafiqul Islam**, Istiak Uddin Sazzad, Calibration of κ - ϵ turbulence model for thermal-hydraulic analyses in rib-roughened narrow rectangular channels using genetic algorithm, SN Applied Sciences, Springer, 30 May (2021) 3:678.
2. Md. Sohel Rana and **Md. Shafiqul Islam**, The Logic Behind the Trilateral Model for Implementing the First Nuclear Power Plant in Bangladesh, BISS Journal, Vol. 42, No.2 (2021).
3. **Md. Shafiqul Islam**, AbulQuasem Al-Amin, Md. SujahangirKabir Sarkar, Energy Crisis in Bangladesh: Challenges, progress, and prospects for alternative energy resources, Utilities Policy, Elsevier, 71(2021).
4. Abid Hossain Khan, S.M. Tazim Ahmed, Md. Sumon Rahman, **Md. Shafiqul Islam**, Applying Quality Function Deployment for Designing a Cryogenic Piping System, International Journal of Quality Engineering and Technology, Inderscience Vol.8, No.2(2021).
5. **Md. Shafiqul Islam**, Shafiqul Islam Faisal, and Sadia Khan, Development and Strengthening of the Nuclear and Radiation Safety Infrastructure for Nuclear Power Program of Bangladesh, Journal of Nuclear Engineering and Technology, Elsevier Volume 53, Issue 5, May 2021, Pages 1705-1716.
6. **Md. Shafiqul Islam** and Tanvir Hassan Bhuiyan, Assessment of Costs of Nuclear Power in Bangladesh, Nuclear Energy and Technology, 6(3):181-194(2020).
7. AkterSevena, Tanvir Hassan, **Md. Shafiqul Islam**, MaheraAfroz, Nasif Shams, Assessment of Energy Culture at a University and a Paper Mill for Energy Saving Opportunities, International Journal of Sciences: Basic and Applied Research (IJSBAR) Volume 54, No.1, pp 170-18 (2020).

8. Abid Hossain Khan and **Md. Shafiqul Islam**, A New Algorithm for a Condenser Design for a Large-scale Nuclear Power Plant in Tropical Region, Int. Journal of Thermal Science (I.F- 1.228) Springer, 29, 1370-1389(2020).

Dr. Afroza Shelley**Publications**

1. A. Shelley, M.H. Ovi “**Possibility of Curium as a Fuel for VVER-1200 Reactor**”, Elsevier journal-Nuclear Engineering and Technology, IF: 2.341, <https://doi.org/10.1016/j.net.2021.07.020>, Article in press
2. M.H. Ovi, A. Shelley, M.H. Pradhan “**Neutronic analysis of VVER-1000 MOX fuel assembly with burnable absorber Gadolinia and Erbium**”, Elsevier journal-Annals of Nuclear Energy, IF: 1.776, Volume 160, 15 September 2021, 108389, <https://doi.org/10.1016/j.anucene.2021.108389>
3. A. Shelley, M.H. Ovi “**Use of Americium as a Burnable Absorber for VVER-1200 Reactor**”, Elsevier journal-Nuclear Engineering and Technology, IF: 2.341, Volume 53, Issue 8, August 2021, Pages 2454-2463. <https://doi.org/10.1016/j.net.2021.02.024>.
4. A. Shelley “**Neutronic Analyses of Americium Burning U-free Inert Matrix Fuels**”, Elsevier journal-Progress in Nuclear Energy, IF: 2.256, Volume 130, Dec. (2020) 103567. <https://doi.org/10.1016/j.pnucene.2020.103567>.
5. A. Shelley “**Analyses and Improvement of Fuel Temperature Coefficient of Rock-like Oxide Fuel in LWRs from Neutronic Aspect**”, Elsevier journal-Nuclear Engineering and Technology, IF: 2.341, Volume 52, Issue 6, June 2020, Pages 1156-1163. <https://doi.org/10.1016/j.net.2019.12.002>

Md. Hossain Sahadath**Publications:**

1. Afsana Tasnim, Md Hossain Sahadath and Mohammed Nazrul Islam Khan : Development of High Density Shielding Material Containing BaSO₄ and Investigation of the Gamma-Ray Attenuation Properties, Radiation Physics and Chemistry Elsevier , pp.109772 , 2021 .

2. Nazmul Hossain, Md. Abdul Malek Soner, Md. Mahidul Haque Prodhan, Md. Hossain Sahadath and Khorshed Ahmad Kabir : Experimental analysis of step reactivity insertion effect on reactor power, fuel temperature and reactor period in BAEC TRIGA research reactor, *Annals of Nuclear Energy* , vol.165 Elsevier , pp.108665 , 2021
3. Yasmin Akter, Md Hossain Sahadath and Farshid Reza : Assessment of the Burnup Characteristics of UO₂ and MOX Fuel in the Mixed Solid and Annular Rod Configuration, *Nuclear Engineering and Design* , vol.381, 111339 Elsevier , 2021 .
4. Farhana Islam Farha, Md Hossain Sahadath and Sadek Hossain Nishat : Thermal-Hydraulic Analysis of UO₂ and MOX Fuel Considering Different Cladding Materials at Various Burnup Levels in Pressurized Water Reactor, *Heat transfer* , vol.DOI: 10.1002/htj.22225 Wiley Periodicals LLC , 2021 .
5. Farhana Islam Farha and Md Hossain Sahadath : Modeling and Simulation of Radial Temperature, Thermal Heat Flux, and Thermal Gradient Distribution in Solid and Annular Nuclear Fuel Element of Uranium Dioxide, *Dhaka University Journal of Applied Science & Engineering* , pp.Accepted , 2021 .
6. Md. Shafqat Amin, and Md. Hossain Sahadath : Potentially Dangerous Radionuclides to be used in Credible RDD Explosion Scenarios at the Proposed RNPP Site, *Applied Radiation and Isotopes*, Elsevier , vol.168, 109550 , 2021 .
7. Farshid Reza, Md. Hossain Sahadath and Yasmin Akter : Modeling and Neutronic Analysis of Pin-Cell Comprising Nuclear Fuel with Different Chemical Composition and Neutron Moderator Using Monte Carlo Code OpenMC, *Annals of Nuclear Energy*, Elsevier , vol.151, 107946 , 2021 .
8. Md. Ashraful Islam and Md. Hossain Sahadath : Prediction of Potential Offsite TEDE, Excess Cancer Risk, Dominant Exposure Pathways and Activity Concentration for Hypothetical Onsite Soil Contamination at the Proposed Rooppur Nuclear Power Plant, *Journal of Nuclear Engineering and Radiation Science*, American Society of Mechanical Engineers, Accepted for publication , vol.DOI: <https://doi.org/10.1115/1.4048123> , 2020 .

Research interests: His research interests are mainly in the field of radiation science especially in radiation protection and shielding, nuclear reactor materials and nuclear power particularly in the simulation of nuclear power reactors.

Md. Iqbal Hosan

Publications:

1	Saikat Ahmed, <u>Md. Iqbal Hosan</u> , Asma Begum, A.F.M. Mizanur Rahman, Md Abdur Razzaque and Quazi Mohammad Iqbal Hasani : Public awareness and stakeholder involvement for Bangladesh's nuclear power plant, <i>Energy Strategy Reviews</i> (impact factor:3.895) , vol.32 , 2020 .
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Md. Jafor Dewan

Publications:

1. Shikha Pervin, Md. **JaforDewan**, Ashif Mahamud Apon, M.M. Mahfuz Siraz and Selina Yeasmin, "Measurement of natural radioactivity and its health hazards associated with the use of different branded cement samples collected from different manufactures in Dhaka city using gamma spectrometry", *Journal of Bangladesh Academy of Sciences*, 45(1); 95-104; June 2021, DOI: 10.3329/jbas.v45i1.54433

Research interests:

His research interests are in the field of Nuclear Physics, Nuclear Reactor and Nuclear Instrumentations and Health Physics. He is now conducting research activities in the field of Nuclear Reactor.

Dr. Animesh Pal

PEER-REVIEWED ISI JOURNAL ARTICLES

01. M. Muttakin, A. Pal, M.J. Rupa, K. Ito, B.B. Saha, A critical overview of adsorption kinetics for cooling and refrigeration systems, *Adv. Colloid Interface Sci.* 294 (2021) 102468 (IF: 12.984).
02. B. Berdenova, A. Pal, B.B. Saha, A. Kaltayev, Non-isothermal pore

- change model predicting CO₂ adsorption onto consolidated activated carbon, *Int. J. Heat Mass Transf.* 177 (2021) 121480 (IF: 5.584).
03. M.J. Rupa, **A. Pal**, S. Mitra, B.B. Saha, Time adapted linear driving force model for gas adsorption onto solids, *Chem. Eng. J.* 420 (2021) 129785 (IF: 13.273).
 04. K.A. Rocky, **A. Pal**, T.H. Rupam, M.L. Palash, B.B. Saha, Recent advances of composite adsorbents for heat transformation applications, *Therm. Sci. Eng. Prog.* 23 (2021) 100900 (Cite score: 4.4).
 05. **A. Pal**, K.A. Rocky, B.B. Saha, Thermodynamic analysis of promising biomass-derived activated carbons/CO₂ based adsorption cooling systems, *J. CO₂ Util.* 46 (2021) 101457 (IF: 7.132).
 06. M.L. Palash, T.H. Rupam, **A. Pal**, A. Chakraborty, B.B. Saha, R. Wang, Design Principles for Synthesizing High Grade Activated Carbons for Adsorption Heat Pumps, *Chem. Eng. J. Adv.* 06 (2021) 100086 (Open access).
 07. K.A. Rocky, **A. Pal**, T.H. Rupam, Nasruddin, B.B. Saha, Zeolite-graphene composite adsorbents for next generation adsorption heat pumps, *Microporous and Mesoporous Mater.* 313 (2021) 110839 (IF: 5.455).
 08. M.M. Rahman, S.C. Karmaker, **A. Pal**, O. Eljamal, B.B. Saha, Statistical techniques for the optimization of cesium removal from aqueous solutions onto iron-based nanoparticle-zeolite composites, *Environ. Sci. Pollut. Res.* 28, 12918–12931 (2021) (IF: 3.306).
 09. K. Uddin, **A. Pal**, B.B. Saha, Improved CO₂ adsorption onto chemically activated spherical phenol resin, *J. CO₂ Util.* 41 (2020) 101255 (IF: 7.132).
 10. M.L. Palash, **A. Pal**, T.H. Rupam, B.-D. Park, B.B. Saha, Surface energy characterization of different particulate silica gels at infinite dilution, *Colloids Surf. A Physicochem. Eng. Asp.* 603 (2020) 125209 (IF: 4.539).

Department of Robotics and Mechatronics Engineering (2015)

Chairman

Dr. Shamim Ahmed Deowan

Professor

Lafifa Jamal, M.Sc., Ph.D.

Assistant Professor

(1) Shamim Ahmed Deowan, M.Sc. (Karlsruhe University of Applied Sciences, Germany), Ph.D. (University of Calabria, Italy), Postdoc (Karlsruhe University of Applied Sciences, Germany); (2) Sejuti Rahman, M.Sc. (University of Tokyo, Japan), Ph.D. (Australian National University, Australia), Postdoc (Robotics Institute, Carnegie Mellon University, USA), Postdoc (Centre for Autonomous Systems, University of Technology Sydney, Australia).

Lecturer

(1) Shugata Ahmed, M. Sc (University of Ulsan, South Korea), Ph.D. (International Islamic University, Malaysia), Postdoc. (Kyungung University, South Korea); (2) Sujon Sarker, M.Sc; (3) Abhishek Kumar Ghosh, M.Sc (BUET); (4) Md. Ariful Islam, M.Sc; (5) Md. Mehedi Hasan, M.Engr. (Kyung Hee University, South Korea), Ph.D. (University of New South Wales, Australia), Postdoc. (University of New South Wales, Australia; University of South Australia, Australia).

Part-Time Faculties

Mr. Touhid Hossain (Assistant Professor, Department of Mathematics), Md. Rajib Arefin (Assistant Professor, Department of Mathematics), Dr. Md. Zavid Iqbal Bangalee (Assistant Professor, Department of Applied Mathematics), Dr. Kazi Haniun Maria (Associate Professor, Department of Physics), Golam Dastagir Al-Quaderi (Associate Professor, Department of Physics), Md. Kamrul Hassan (Assistant Professor, Department of Chemistry), Dr. Debasish Kumar Kundu (Assistant Professor, Department of Sociology), Mubin Ul Haque (Lecturer, Department of Computer

Science and Engineering), Mohammad Saif Uddin Bhuiyah (Assistant Professor, Department of Accounting & Information Systems), Mr. Md. Ruhul Amin (Assistant Professor, Department of Tourism and Hospitality Management), Mahfuzur Rahman Khokan (Assistant Professor, Department of Statistics), Mr. ATM Jakaria Khan (Assistant Professor, Institute of Business Administration), Dr. Jakir Hossain (Associate Professor, Department of Statistics).

Students Result

Year	Session	Number of Students	Result
1 st BSc	2020-21	21	Running
2 nd BSc	2020-21	26	100%
3 rd BSc	2020-21	12	100%
4 th BSc	2020-21	19	100%
MSc	2020-21	13	Running

Co-curricular and Extra-curricular Activities

Webinar

1. A webinar on “Mental Health: Balancing Academic and Social Life.” was organized on 18th February 2021.
2. A webinar on “Experience Sharing Session on How to Get Started with Competitive Programming.” was organized on 8th October 2021.

Workshop

An online workshop on Introduction to basic Robot Operating System titled “Introduction to ROS” was organized on 28th may 2021.

Robot Olympiad

Department of Robotics and Mechatronics Engineering Organized 4th Bangladesh Robot Olympiad on online platform. The program was Inaugurated on 16th September, 2021 and Concluded on 27th September, 2021.

Research Publications

Dr. Lafifa Jamal

Book Chapter

1. Sujan Sarker, Sejuti Rahman, Tonmoy Hossain, Syeda Faiza Ahmed, **Lafifa Jamal** and Md Atiqur Rahman Ahad, “Skeleton-Based Activity Recognition: Preprocessing and Approaches”, *Contactless Human Activity Analysis*. Editor: Md Atiqur Rahman Ahad, Upal Mahbub, Tauhidur Rahman, Intelligent Systems Reference Library, pp 43-81, vol 200. Springer, Cham, 2021.

International Conference Paper

1. Mahamudul Hasan, Anika Nawar, M Saddam Hossain Khan and **Lafifa Jamal**, “An IoT Based Smart System to Recommend Suitable Environment”, 6th International Conference on Robotics and Artificial Intelligence (ICRAI 2020), Singapore, pp. 163-167, November 2020.
2. Niloy Irtisam, Riad Ahmed, Mohammad Moniruzzaman Akash, Raiyaan Abdullah, Sujan Sarker, Sejuti Rahman and **Lafifa Jamal**, “Pathfinder: A Fog Assisted Vision-Based System for Optimal Path Selection of Service Robots”, Joint 9th International Conference on Informatics, Electronics & Vision (ICIEV); 4th International Conference on Imaging, Vision & Pattern Recognition (icIVPR); and 2nd International Conference on Activity and Behavior Computing (ABC), Kitakyushu, Japan, pp. 1-6, August 2020.

Dr. Shamim Ahmed Deowan

Journal

1. Ragib Amin Nihal, Dr. Sejuti Rahman, Nawara Mahmood Broti, Dr. Shamim Ahmed Deowan, Bangla Sign alphabet recognition with zero-shot and transfer learning, *Pattern Recognition Letters*, 150 (2021), 84-93, <https://doi.org/10.1016/j.patrec.2021.06.020>

2. Ragib Amin Nihal, Nawara Mahmood Broti, Shamim Ahmed Deowan, Sejuti Rahman, Design and Development of a Humanoid Robot for Sign Language Interpretation, *SN Computer Science* (2021) 2:220, <https://doi.org/10.1007/s42979-021-00627-3>

Project

1. Artificial Intelligence Approach for Automatic Brain Haemorrhage Detection from CT Scans (**AI Brains**) 2020-2021 funded by Centennial Research Grant (CRG), University of Dhaka.

2. Deep Learning Algorithm of Artificial Intelligence in Fighting Climate Change and Predicting Extreme Weather Events (**DeepLEx**), 2020-2021, funded by Centre for Climate Change Study and Resource Utilization (CCCSRU), University of Dhaka.

3. Artificial Intelligence Supported Climate-smart Agriculture (**AI Agri**) (3rd Phase), 2020-2021, funded by Ministry Of Science and Technology (MOST), Government of Bangladesh, Principal Investigator: Dr. Shamim Ahmed Deowan, Assistant Professor and Chairman, Dept. of Robotics and Mechatronics Engineering, University of Dhaka.

Dr. Sejuti Rahman

Journal Papers

1. Ragib Amin Nihal, **Sejuti Rahman**, Nawara Mahmood Broti, and Shamim Ahmed Deowan, "Bangla Sign alphabet recognition with zero-shot and transfer learning", *Pattern Recognition Letters*, vol. 150, pp. 84-93, 2021. (**SJR rank: Q1, Impact factor: 3.756**).
2. **Sejuti Rahman**, Syeda Faiza Ahmed, Omar Shahid, Musabbir Arrafi, and Md Atiqur Rahman Ahad, "Automated Detection Approaches to Autism Spectrum Disorder Based on Human Activity Analysis: A Review", *Cognitive Computation*, 2021. (**SJR rank: Q1, Impact factor: 4.980**).

3. **Sejuti. Rahman**, Sujan Sarker, Md Abdullah Al Miraj, Ragib Amin Nihal, A. K. M. Nadimul Haque and Abdullah Al Noman, "Deep Learning Driven Automated Detection of COVID-19 from Radiography Images: A Comparative Analysis", *Cognitive Computation*, 2021, <https://doi.org/10.1007/s12559-020-09779-5>. (**SJR rank: Q1, Impact factor: 4.980**).

4. Sifat Ahmed, Tonmoy Hossain, Oishee Bintey Hoque, Sujan Sarker, **Sejuti Rahman** and Faisal Muhammad Shah, "Automated COVID-19 Detection from Chest X-Ray Images: A High-Resolution Network (HRNet) Approach", *SN Computer Science*, vol. 2, no. 4, 2021.

5. Ragib Amin Nihal, Nawara Mahmood Broti, Shamim Ahmed Deowan and **Sejuti. Rahman**, "Design and Development of a Humanoid Robot for Sign Language Interpretation", *SN Computer Science*, vol. 2, no. 3, 2021.

Book Chapters

1. **Sejuti Rahman**, Sujan Sarker, A.K.M. Nadimul Haque, and Monisha Mushtary Uttsha, "Deep Reinforcement Learning: A New Frontier in Computer Vision Research," in *Vision, Sensing and Analytics: Integrative Approaches*, Md Atiqur Rahman Ahad and Atsushi Inoue, Eds. Springer Nature Switzerland AG, 2021, ch. 2, pp. 29-70.
2. Tonmoy Hossain, Sujan Sarker, **Sejuti Rahman**, and Md Atiqur Rahman Ahad, "Skeleton-Based Human Action Recognition on Large-Scale Datasets," in *Vision, Sensing and Analytics: Integrative Approaches*, Md Atiqur Rahman Ahad and Atsushi Inoue, Eds. Springer Nature Switzerland AG, 2021, ch. 5, pp. 125-146.

3. Sujan Sarker, **Sejuti Rahman**, Tonmoy Hossain, Lafifa Jamal, Md. Atiqur Rahman Ahad and Sayeda Faiza Ahmed. Skeleton-Based Activity Recognition System: Representation, Preprocessing and Methods, Contactless Human Activity Analysis, Md Atiqur Rahman Ahad, Upal Mahbuband Tauhidur Rahman, Eds. *Springer Nature, Switzerland AG*, 2021, ch. 2, pp. 43-79, ISBN:978-3-030-68589-8.

Research Projects

1. Project: IHABOT: Intelligent Hospital Assistance Robot to Fight Contagion by Reducing Doctor-Patient Interaction
Funding Agency: Centennial Research Grant, University of Dhaka
Role: Principal Investigator
2. Project: A Patient Care Robot with Automated Path Planning: A Case Study of Zero Shot Learning
Funding Agency: Ministry of Science and Technology of the Government of Bangladesh
Role: Principal Investigator

Dr.Shugata Ahmed

Sujan Sarker

Journals

1. **Sujan Sarker**, Lafifa Jamal, Syeda Faiza Ahmed, Niloy Irtisam, "Robotics and artificial intelligence in healthcare during COVID-19 pandemic: A systematic review", *Robotics and Autonomous Systems*, Volume 146, 2021.
2. Sejuti Rahman, **Sujan Sarker**, Md Abdullah Al Miraj, Ragib Amin Nihal, A. K. M. Nadimul Haque, Abdullah Al Noman, "Deep Learning-Driven Automated Detection of COVID-19 from Radiography Images: a Comparative Analysis", *Cognitive Computation*, 2021.
3. Md. Shahin Alom Shuvo, Md. Azad Rahaman Munna, **Sujan Sarker**, Tamal Adhikary, Md. Abdur Razzaque, Mohammad Mehedi Hassan, Gianluca Aloï, Giancarlo Fortino, "Energy-efficient scheduling of small cells in 5G: A meta-heuristic approach", *Journal of Network and Computer Applications*, Volume 178, 2021.

4. Palash Roy, **Sujan Sarker**, Md. Abdur Razzaque, Md. Mamun-or-Rashid, Mohmmad Mehedi Hassan, Giancarlo Fortino, "Distributed task allocation in Mobile Device Cloud exploiting federated learning and subjective logic", *Journal of Systems Architecture*, Volume 113, 2021.

Book Chapters

1. **Sujan Sarker**, Sejuti Rahman, Tonmoy Hossain, Syeda Faiza Ahmed, Lafifa Jamal, and Md. Atiqur Rahman Ahad, "Skeleton-Based Activity Recognition: Preprocessing and Approaches", *Contactless Human Activity Analysis*, Springer Nature Switzerland AG (2021).
2. Sejuti Rahman, **Sujan Sarker**, A. K. M. Nadimul Haque and Monisha Mushtary Uttsha "Deep Reinforcement Learning: A New Frontier in Computer Vision Research." *Vision, Sensing and Analytics: Integrative Approaches*. Springer, Cham, 2021 .
3. Tonmoy Hossain, **Sujan Sarker**, Sejuti Rahman and Md Atiqur Rahman Ahad "Skeleton-Based Human Action Recognition on Large-Scale Datasets." *Vision, Sensing and Analytics: Integrative Approaches*. Springer, Cham, 2021 .

Project Works

Project Title: IHABOT: Intelligent Hospital Assistance Robot to Fight Contagion by Reducing Doctor-Patient Interaction
Funding Agency: Centennial Research Grant, University of Dhaka
Status: Ongoing
Role: Co-Principal Investigator
Duration: Jan 2021 – Dec 2021

Abhishek Kumar Ghosh [on study leave]

Md. Ariful Islam

Journal Papers

1. **Md. Ariful Islam**, Tanjima Akhter, Amena Begum, Md. Rakib Hasan and Farzana Sultana Rafi: **Brain Tumor Detection from MRI Images using Image Processing**, *International Journal of Innovative Technology and Exploring Engineering (IJITEE)* , vol.9 , no.8 , June 2020 .

2. **Md. Ariful Islam**, Amena Begum and Md. Rakib Hasan: **Mathematical Analysis of Improving the System Capacity and Signal to Interference Ratio in Cellular Mobile Communication**, *Journal of Engineering Advancements* , vol.02 , no.01 , pp.24-34 , February, 2021 .

3. Tanjima Akhter, **Md. Ariful Islam** and Saiful Islam: **Artificial Neural Network based COVID-19 Suspected Area Identification**, *Journal of Engineering Advancements* , vol.01 , no.04 , pp.188-194 , December, 2020.

4. **Md. Ariful Islam**, Md. Rakib Hasan and Amena Begum: **Improvement of the Handover Performance and Channel Allocation Scheme using Fuzzy Logic, Artificial Neural Network and Neuro-Fuzzy System to Reduce Call Drop in Cellular Network**, *Journal of Engineering Advancements* , vol.01 , no.04 , pp.130-138 , December, 2020.

5. Tanjima Akhter, **Md. Ariful Islam**, Farhana Akhtar, Azizul Hakim Suzan and Kamrunnahar: **COVID-19: Herd Immunity Projection in Bangladesh**, *International Journal of Innovative Technology and Exploring Engineering (IJITEE)* , vol.9 , no.10 , pp.79-85 , August 2020 .

6. Pankaj Chandra Kar, **Md. Ariful Islam**, Amit Paul, JoydipChakrabarti, SubrataSutradhar and Fardin Teen Rahman: **Experimental Antenna and Circuit Model for Charging an Electronic Device from the Ambient Electromagnetic Waves**, *American Journal of Engineering and Applied Sciences* (impact factor:0.42) , April 2021 .

7. Pankaj Chandra Kar, **Md. Ariful Islam**, JoydipChakraborti and SubrataSutradhar: **Mathematical Performance Analysis of the Absorbing Sun Light for Rotating and Non-rotating solar cell panel**, *International Journal of Emerging Trends in Engineering Research* , 2021.

8. Pankaj Chandra Kar, **Md. Ariful Islam**, Amit Paul, JoydipChakraborti, SubrataSutradhar and Fardin Teen Rahman: **Improvement of the Signal Strength Level of a Mobile Phone (on 3G/4G Network) in a Lift.**, *American Journal of Engineering and Applied Sciences* (impact factor:0.42) , 2021 .

9. Pankaj Chandra Kar, **Md. Ariful Islam** and Amit Paul: **Experimental Circuit Model for Increasing the Signal Strength level of a Mobile Phone into a Lift**, *International Journal of Advanced Trends in Computer Science and Engineering* , vol.10 , no.02 , pp.1065-1072 , 2021 .

Project Work

Title of the project: **Artificial Intelligence Approach for Automated Brain Hemorrhage Detection from CT Scans (AIBrains)**

Duration: 2020-2021

Role: Co-Investigator

Funded by Centennial Research Grant (CRG), University of Dhaka, Dhaka 1000, Bangladesh

Title of the project: **Artificial Intelligence supported climate smart agriculture (3rd phase)**

Duration: 2020-2021

Role: Co-Investigator

Funded by Ministry of Science and Technology (MOST)

Faculty of Fine Art (1948/2008)

Shilpacharya Zainul Abedin founded the Government Institute of Art in 1948, the first educational art institute in the country. This eventually became the main centre for art and cultural practice. The Institute was set up in the building of the DNMI Hospital on Johnson Road in Dhaka. In 1952, it was relocated into a building in Segun Bagicha and in 1956, to its own premises in Shahbagh.

Initially there were six teachers (Safiuddin Ahmed, Anwarul Huq, Quamrul Hassan, Habibur Rahman and Syed Ali Ahsan) with Zainul Abedin as Principal and eighteen students. The Institute began with three departments: Fine Art (now known as Drawing and Painting) headed by Anwarul Haque, Graphics (now known as Printmaking) headed by Safiuddin Ahmed and Commercial Art (now known as Graphic Design) headed by Quamrul Hassan. While the Department of Fine Art and the

Department of Commercial Art were introduced as two full-fledged departments, Printmaking was initially a subsidiary subject offered by other departments; student admission into the full course offered by the Printmaking Department started in 1978. The Department of Oriental Art (1955), Ceramics (1962), Sculpture (1963) and Crafts (1968) were introduced gradually, and the History of Art was added to the curriculum from 1963.

In 1963 the Institute was transformed into a government degree college and was named the East Pakistan College of Arts and Crafts. After Bangladesh became independent, the college was renamed the Bangladesh College of Arts and Crafts. The M.F.A. course was introduced here in 1978.

In 1983, this college merged as an institute with Dhaka University. Honours courses were introduced in the 1992-93 session. The Institute became the Faculty of Fine Art at Dhaka University in 2008. The Faculty currently consists of 8 departments. There are 60 full-time teachers and most of the teachers are leading artists in the country. As of July 1, 2020, Professor Nisar Hossain, Professor of Drawing and Painting and elected Dean of the Faculty, has been the Dean.

Curriculum

The curriculum of all departments of the Faculty of Fine Art is divided into two programmes:

- a) B.F.A. Honours programme : 4 years
- b) M.F.A. programme : 2 years

The programmes mentioned above (except for the Department of Art History) include theoretical subjects as well as departmental practical courses (Drawing and Making). The theoretical courses for the B.F.A. Honours programme are Art, Literature and Culture of Bangladesh, History of Civilisation, History of Art, Materials and Techniques. The M.F.A. programme comprises theoretical courses on art history related to the respective departments, Art of Bangladesh, etc. There is a scope for theoretical research in the M.F.A. programme. The History of Art can also be replaced by a thesis course. A number of departments have the M.Phil. programme whereas all departments have the Ph.D. programme.

Fieldwork and Study Tour

Museums, zoos, botanical gardens and other sites for outdoor and animal studies are available to Faculty students, based on their course syllabus. Study tours to historical places inside the country and abroad such as India, Pakistan, Nepal, etc. under the guidance of teachers are a part of the curriculum. The costs for those tours are borne by the students themselves. The faculty provides its own 30 seated bus for the fieldwork and study tour.

Co-curricular and Extra-curricular Activities

Among the important events, the birth anniversary of Shilpacharya Zainul Abedin, the founding principal of this institution, is celebrated on 29 December. On this occasion there is also a three-day long Zainul Fair, featuring contemporary art and folk art, as well as an annual art exhibition involving students from all the departments of the Faculty. At this event, two distinguished artists and educators are presented with the Zainul Award. As of 1989, the Faculty of Fine Art celebrates *Chaitra Sankranti* on 13th April and Pahela Boishakh on 14th April with a central festive rally called *Mangal Shobhajatra* and other cultural events. *Mangal Shobhajatra*, an integral part of the Faculty, was recognized and listed as an 'intangible cultural heritage of humanity' on 30 November 2016 by UNESCO during its 11th session of the Intergovernmental Committee for the Safeguarding of Intangible Cultural Heritage.

Zainul Gallery

Two exhibition galleries of the Faculty of Fine Art, Zainul Gallery I and Zainul Gallery II, host regular exhibitions of students and freelance artists, thus, contributing to the development and progress of the art scene of Bangladesh.

Permanent Art Collection

The Faculty of Fine Art opened its permanent art collection in its main building, which serves as an art museum, in 2019. The Faculty was graced with an array of works by renowned artists from the Subcontinent from the 1950s. The Faculty collection stands out from other collections in Bangladesh for its historical value, artistic excellence, exquisite gallery interior, and technological support.

Initiated Virtual Tour of the Permanent Collections

For viewing online all the art works of the Faculty's Permanent Collections, a virtual tour system was successfully connected to the website www.fineart-du.com for a short-term experimental basis starting 29 December 2020, which was highly appreciated by the visitors of the site. Upon paying the required fee, the system would be resubscribed.

Osman Jamal Auditorium

A modern and standard 148 seat auditorium has been built by the Faculty of Fine Art. It is named the Osman Jamal Auditorium, and is located on the ground floor of the library building. This is where seminars, audio-visual lectures, presentations, and educational video/film projections are held for all departments of the Faculty.

Bokultala Stage

This stage is one of the main centres for organizing cultural events of national level. At Bokultala stage in addition to the Faculty's internal programme, numerous renowned national organizations regularly organize Basanta Utsab, Nabanna Utsab, Sharat Utsab, Barsho Baron and other festivals dedicated to our heritage.

Research Activities

Several scholars have received their Ph.D. and M.Phil. degrees from the different departments of the Faculty, and a substantial number of researchers are currently working on their theses. A number of teachers have published books and articles on various subjects, as well as research papers in reputable journals. Solo and group exhibitions organized by national and international recognized organizations both at home and abroad are considered equivalent to research publications.

Library

There are more than ten thousand valuable books on visual arts and culture in the central library of the Faculty developed over the last sixty years. It is the largest and richest library of its kind in Bangladesh. The library has two Deputy Librarians and four employees. There is a cyber centre called the 'Abinta Cyber Centre and Archive'. It has 13 computers, a scanner, and a photocopy machine for students and faculty.

Student Hostels

Male students of this faculty may reside in any of the halls at the university, while female students may reside in Rokeya Hall, Shamsun Nahar Hall, Bangladesh Kuwait Maitree Hall, Nawab Faizunessa Chowdhurani Hall, Begum Fajilatunnesa Mujib Hall and Begum Sufia Kamal Hall. The institution has housed 72 boys in a hostel since the 1960s, called Sahnewaz Bhaban, now known as an extension of the Sir A F Rahman Hall.

Department of Drawing and Painting (1948)

Chairman

Professor Sheikh Afzal Hossain, MFA, University of Tsukuba, Ibarakiken, Japan

Professor

(1) Jamal Uddin Ahmed, MFA, Tsukuba University, Japan [LPR]; (2) Nisar Hossain, MFA, Department of Painting, Kala bhawan, Visva Bharati University, Santiniketan, India; (3) Shishir Kumar Bhattacharjee, MFA, M.S. Maharaja Sivaji Roy University, Baroda, India; (5) Mostafizul Haque MFA, (Japanese Style of Painting) University of Tsukuba, Japan.

Associate Professor

(1) Mohammad Iqbal Ali, ME, Painting (Master of Education), Dept. of Visual Arts, Aichi University of Education, Japan, PhD, Fine Arts on Oil painting, Dept. of Oil Painting, Faculty of Fine Art, Tokyo University of the Arts, Japan; (2) Mr. Dulal Chandrow Gain.

Assistant Professor

(1) Mr. Sahid Kazi; (2) Mr. Abdus Sattar; (3) Mr. Sumon Wahed, MF, Kala Bhavana, Visva-Bharati, Santiniketan, India; (4) Mr. Md Kamal Uddin; (4) Mr. Bishwajit Goswami, MFA, Kala Bhavana, Visva - Bharati University, Santiniketan in India.

Number of Students

Male	142
Female	87
Total	229

Teachers' Activities**Dr. Mohammad Iqbal Ali**

Associate Professor

Activities

(01.07.2020 to 30.06.2021)

2020: Celebrating Nature, Group Art Exhibition, Galleri Kaya, Dhaka (26 June~17 July 2020)

2020: 16th Anniversary Exhibition, A selection of works done between 1954 to 2020 by modern & contemporary artists, Galleri Kaya, Dhaka (25 Jul. ~ 22Aug.)

2020: September Select, Group Art Exhibition, Galleri Kaya, Dhaka (7 ~ 30 Sep.)

2020: The Green Art Trip, Organized by Galleri Kaya, The Palace Luxury Resort, Sylhet. (20-24 September)

2020: Scaled Up, Group Art Exhibition, Galleri Kaya, Dhaka (31Oct. ~ 15 Nov.)

2020: Musings in Water color-3, A group Exhibition, EDGE Gallery, Gulshan, Dhaka (15 Nov. ~ 30 Dec.)

2021: Solo Painting Exhibition, Gallery APA, Nagoya, Japan (20 Feb. ~ 7 Mar.)

2021: Art Dubai, Invited by Durjoy Bangladesh Foundation and Art Dubai, Dubai Financial Center, UAE (29 March ~ 2 April)

2021: 2nd Lalakhil Art Trip, Sylhet, organized by Galleri Kaya (20~23 June)

Dulal Chandrow Gain

Associate Professor

Activities

(01.07.2020 to 30.06.2021)

চিত্র প্রদর্শনী

০৬.০৯.২০২০: জাতির পিতা বঙ্গবন্ধু শেখ মুজিবুর রহমানের জন্মশতবর্ষ উদ্‌যাপন উপলক্ষে আয়োজিত 'মুক্তির গ্রন্থানায়ক; শীর্ষক চিত্রপ্রদর্শনী। আয়োজনে : বঙ্গবন্ধু জন্মশতবর্ষ উদ্‌যাপন জাতীয় বাস্তবায়ন কমিটি ও বাংলাদেশ শিল্পকলা একাডেমি। স্থান: জাতীয় চিত্রশালা, বাংলাদেশ শিল্পকলা একাডেমি, ঢাকা।

০৫.০২.২০২১: জাতির পিতা বঙ্গবন্ধু শেখ মুজিবুর রহমানের জন্মশতবর্ষ উদ্‌যাপন উপলক্ষে আয়োজিত 'বঙ্গবন্ধু ও বাংলাদেশ' শীর্ষক চিত্র প্রদর্শনী। আয়োজনে : গণপ্রজাতন্ত্রী বাংলাদেশ সরকারের তথ্য মন্ত্রণালয় এবং বাংলাদেশ ডেপুটি হাই কমিশন কোলকাতা, ভারত। স্থান : একাডেমি অব কোলকাতা, ভারত।

মুক্তিযুদ্ধ বিষয়ক মন্ত্রণালয়ে বিশেষজ্ঞ কমিটির দায়িত্ব পালন

মুক্তিযুদ্ধ বিষয়ক মন্ত্রণালয়ের আওতায় বাস্তবায়নের জন্য প্রস্তাবিত 'মুজিবনগর মুক্তিযুদ্ধ স্মৃতিকেন্দ্র স্থাপন' শীর্ষক প্রকল্পের ডিপিপি পুনর্গঠন কমিটিতে চারুকলা বিষয়ে বিশেষজ্ঞ সদস্য হিসেবে দায়িত্ব পালন। জুলাই ২০২১ থেকে বর্তমান পর্যন্ত। মেহেরপুরের মুজিবনগরে মুক্তিযুদ্ধ স্মৃতিকেন্দ্র সম্প্রসারণ করে একটি আন্তর্জাতিক পর্যায়ের মুক্তিযুদ্ধ স্মৃতিকেন্দ্র স্থাপনের জন্য এই প্রকল্প গ্রহণ করে বাংলাদেশ সরকার বাংলাদেশের স্বাধীনতা সংগ্রামের ইতিহাসকে চিত্রকলা, ভাস্কর্য ও ম্যুরালের মাধ্যমে যথাযথভাবে উপস্থাপনের বিষয়ে ঢাকা বিশ্ববিদ্যালয়ের চারুকলা অনুষদের ডিনের নেতৃত্বে মুক্তিযুদ্ধভিত্তিক চিত্রকলা, ভাস্কর্য, টেরাকোটা ও মোজাইক ম্যুরাল নির্মাণের বিস্তারিত বিবরণ ও সম্ভাব্য ব্যয়ানুমানসহ পরিকল্পনা প্রস্তুত করে মুক্তিযুদ্ধ বিষয়ক মন্ত্রণালয়কে সহযোগিতা প্রদান করা হয়।

Abdus Sattar

Assistant Professor

Activities

(01.07.2020 to 30.06.2021)

Group

2021 : “Bangabandhu and Bangladesh” Group Art Exhibition, Academy of Fine Arts, Kolkata, Organized by Ministry of Information, Government of the Peoples Republic of Bangladesh & Bangladesh Deputy High Commission, Kolkata, India.

2020 : “Calling of the Roots” an Indo-Bangladesh Art Exhibition, Zainul Gallery, Faculty of Fine Art, D.U. Organized by Prachi Protichi, India.

National:

2020 : Art Against Corona A Social and Cultural Movement through art. National Art Gallery Organized by Bangladesh Shilpakala Academy and Ministry of Cultural Affairs, Bangladesh.

2020 : “মুক্তির মহানায়ক” Organized by Bangladesh Shilpakala Academy. National Art Gallery, Dhaka.

Sumon Wahed

Assistant Professor

Activities

(01.07.2020 to 30.06.2021)

Curatorial Project

2020: Surreal > So Real > AwZ ev-Íe, 22nd Young Art Exhibition, National Art Gallery, Bangladesh Shilpakala Academy, Dhaka, Bangladesh

Group Exhibition

2021: *Bangabandhu and Bangladesh*, Academy of Fine Arts, Kolkata, India organized by Ministry of Information, Government of the People's Republic of Bangladesh and Bangladesh High Commission, Kolkata, India

2021: *24th National Art Exhibition 2021*, National Art Gallery, Dhaka, Bangladesh organized by Bangladesh Shilpakala Academy

2021: *Brihatta Home Art Project 2020*, Tanzim Wahab (curator), organized by BRIHATTA Art Foundation & Bengal Foundation, Quamrul Hassan Exhibition Hall, Bengal Shilpalay, Dhaka, Bangladesh

2020: মুক্তির মহানায়ক, National Art Gallery, Bangladesh Shilpakala Academy, , Dhaka, Bangladesh

2020: *ART Against CORONA*, Bangladesh Shilpakala Academy, National Art Gallery, Dhaka, Bangladesh

2020: শেখ হাসিনা : উন্নয়নের কবি মানবতার মা, Bangladesh Shilpakala Academy, National Art Gallery, Dhaka, Bangladesh

2020: *Celebrating Nature*, Galleri Kaya, Galleri Kaya, Dhaka, Bangladesh

2020: *September Select*, Galleri Kaya, Galleri Kaya, Dhaka, Bangladesh

Bishwajit Goswami

Assistant Professor

Activities

(01.07.2020 to 30.06.2021)

May 2020-May 2021 – Artistic Director & Mentor, *Brihatta Home Art Project 2020*. (Brihatta Art Foundation introduced a grant including mentorship program for 15 emerging artists from Bangladesh during pandemic.)

2021 -“মা-Maa (eng. MOTHER rakhine. AMUIEE), মাটি-Maati (eng. EARTH rakhine. MAEE), মানুষ-Manush (eng. PEOPLE rakhine. LUU), ভাষা-Bhasha (eng. LANGUAGE rakhine. SAAGA), স্বদেশ-

Swadesh (eng. MOTHERLAND rakhine. PEYEE) and প্রকৃতি-
Prokkriti (eng. NATURE rakhine. TABUAA): a site-specific collective art
project with Rakhine community, Maheshkhali, Chittagong, Bangladesh.

2021 MUKTI – Artistic Director, an introduction show of Brihatta art
space, Organized by Brihatta Art Foundation.

Curatorial Art Projects

2020 – invited as a curator, “ROOTS”, 5th Dhaka Art Summit 2020,
National Gallery of Fine Arts, Bangladesh Shilpakala Academy, Dhaka.

2021 Find, create, express – a curatorial art project with 5 emerging artists
from Bangladesh using founding objects at Brihatta Art Space, Organized
by Brihatta Art Foundation.

Group Exhibitions (Selected)

2020 - 5th Dhaka Art Summit organized by Samdani Art Foundation, at
Bangladesh Shilpakola Academy, National Gallery, Dhaka, Bangladesh.

2020 - South Asia-Southern Asia University Educational Exchange
Exhibition, China.

2021 - 'Lighting the Fire of Freedom: Bangabandhu Sheikh Mujibur
Rahman' and 'Art of the Young Nation: Bangladesh' at Art Gallery of
Mississauga, Canada.

2021 - 'Bangabandhu and Britain: A Centenary Collection' in London,
UK.

2021 – Colorful Mutualism - Exhibition/COP15, Yunnan Art University,
Kunming, China.

Art camp

2020 – Brightening the Spirit, an online Art camp 2020, an initiative by
Gallery Cosmos.

2020 – ‘Sheikh Hasina: On the Right Side of History’ organized by
Gallery Cosmos.

2021 - 50 Springs of Freedom – Cosmos Art camp 2021, an initiative by
Gallery Cosmos.

Department of Graphic Design (1948)

Graphic Design is one of the most eminent subjects among modern art
education and apprentices globally. It has a very fluid transaction in
various spheres of our societal, economical, cultural, political and practical
aspects. Because, whatever we do and whatever message we want to
convey to people around us, for successful communication, information
has to be presented in a very gripping way. For aesthetic and acceptable
representation of any information, knowledge of Graphic Design is
inevitable. So, Graphic design has manifold importance in modern world;
to make a piece of information representable is one of them, enhancing its
aesthetic representation is the other one.

Faculty of Fine Arts, the first and foremost institute to teach fine arts in
Bangladesh, started functioning under the strong leadership of Zainul
Abedin, back in 1948 under the name of Government Institute of Arts.
Graphic Design was known as Department of Commercial Art in that
period. Potua Kamrul Hasan was in charge of this department at its very
beginning.

After Mr. Quamr Hassan, Khwaza Shafique Ahmed was in charge of
Graphic Design. Mr. Ahmed is still remembered for his strict and
successful academic and administrative endeavors.

After him, the department continued enhancing its legacy with nationally-
internationally acclaimed artists like Qayyum Chowdhury and Samarjit
Roy Choudhury. The department also had artist Mustafa Monwar
(adjunct), Syed Ali Azam and Md. Zamir Uddin as teachers and course
instructors.

In 1956 the institute was reformed as a college and after the Independence, it was named as Bangladesh college of Arts & Crafts and the department was named as - Byaboharik Shilpakala (Practical Arts) instead of Commercial Art for a while. Since 1983, when the college was taken under University of Dhaka - the department was named as 'Department of Graphic Design' - contextualizing it with the global academic world. Still it is known by this name.

According to the number of students enrolled, Department of Graphic Design is the second largest department of Faculty of Fine Arts. However according to the stipulation of current world and students choice, this department can proudly claim it as the most sorted out one, among all other departments under Faculty of Fine Art.

According to the demands of modern world, Department of Graphic Design is always concerned with preparing highly educated and professional graduates. IT literacy is very important in today's world. This department has a full- functioning computer lab of itself. To make its students eligible to present their projects in front of international clients, a special course in English language skills is also run by this department for enhancing students English spoken capability.

Considering the national and international context of today's world, Department of Graphic Design is definitely one of the most important subjects of Institute of Fine Arts.

Chairman & Associate Professor

Mr. Md. Israfil Pk.

Professor

F.M. Kaiser [LPR]

Associate Professor

(1) Mr. Md. Maksudur Rahman; (2) Mr. Reza Asad Al Huda Anupam.

Assistant Professor

(1) Mrs. Vadreshu Rita; (2) Sima Islam; (3) Mr. Md. Harun-Ar-Rashid; (4) Farjana Ahmed.

Part-Time Teacher

(1) Professor Dr. Masudur Rahman; (2) Md. Shazed Ul Hoq Khan Abir.

Total Student (Session 2020-21)

Students	BFA	MFA	PhD	Total
Male	54	24	00	78
Female	50	20	01	71
Grand Total				149

Course Curriculum

BFA (Hons.)	:	4 years	Full Credit:	190
MFA	:	2 years	Full Credit:	82

Theory : History of Art & Civilization, Computer Basic, Art Materials & Technique, History of Graphic Design, Marketing & Communication, Aesthetics, Art of Bangladesh, Dissertation, History of Graphic Design.
Creation & Formation : Drawing, Outdoor Study, Design Study, Study & Composition, Still Life, Calligraphy, Creative Typography, Illustration, Advertising Art & Photography, Brand Identity, Package Design, Motion Graphics, Internship, Portfolio & Presentation, Publication Design.

Computer lab

- The department has two standard computer labs with 50 computers with all necessary softwares of Graphic Design. One of the labs is for undergrad/BFA students. The other one is for graduate/ MFA students.

Departmental Library

Under Construction

Departmental Publication

Departmental Journal on the occasion of University of Dhaka centennial and 50 years of Independence is under publishing process. Album of Annual Art Exhibition, 2019 is under publishing process

Department of Printmaking (1948)

"Printmaking" is a language for modern-artists which can help them to reconstruct reality from private experience. This language encompasses a number of categories that described the process used: Relief Process, Intaglio Process (Etching, Drypoint etc), Planographic Process (Lithograph, Plotography etc), Offset Monotype and Monoprint. Department of printmaking established in 1948 as a Graphic Art Department. This name has been changed as "Printmaking Department" in 1978. After 2008 when Charukala became a Faculty of the Dhaka University, from the time. Now it is established as a well known Department of Printmaking, Faculty of Fine Art, Dhaka University. From the beginning of the establishment of Fine Art (1948) Mr. Shafiuddin Ahmed, Mr. Habibur Rahman and Syed Ali Ahsan were engaged as a teacher of this Department. Before that time, all of them were engaged as a teacher of Calcutta Govt. Art College. Not to mention, before leaving for Japan, one of the renowned artists of the department, Mohammad Kibria, joined as a teacher in the Department of Drawing and Painting on 10-07-1955. He worked in the Department of Drawing and Painting (1955-1961). After completing his studies in Japan, he returned to the country in 1963 and joined the Printmaking Department as a lecturer. He was appointed Professor Emeritus in 2008 and was a respected figure in the department until his death. Later, artist Mahmudul Haque also worked as a teacher in Drawing and Painting Department from 1969-1989. After returning from Japan, he worked in that department. He joined the Printmaking Department as a professor in 1990 and is currently working as an honorary professor. Another famous personality Syed Abul Braq Alvi was joined with this department from 1972. Now the Professor Syed Abul Braq Alvi associated as a Honorary Professor in this Department.

Chairman

Dr. Sheikh Mohammad Rokonuzzaman

Professor

(1) Rokeya Sultana, M.F.A (Visva Bharati University, Shantiniketan, India); (2) Md. Anisuzzaman, M.F.A (Tama Art University, Tokyo, Japan).

Associate Professor

Dr. Sheikh Mohammad Rokonuzzaman, M.F.A (Visva Bharati University, Shantiniketan, India).

Assistant Professor

(1) Joya Shahrin Huq, M.V.A (Maharaja Sayajirao University of Baroda, India); (2) Asmita Alam Shammy, M.F.A (Rabindra Bharati University, Kolkata, India); (3) Md. Nazir Hossain Khan, M.F.A (Faculty of Fine Art, University of Dhaka, Dhaka); (4) Kamruzzaman, M.F.A (Faculty of Fine Art, University of Dhaka, Dhaka).

Honorary Professor

(1) Professor Mahmudul Haque; (2) Professor Syed Abul Barq Alvi.

Part-Time Teacher

Juton Chandra Roy

Number of Students

Class	Year	Student Male	Student Female	Total Student
1st Year B.F.A (Hon's)	2020-2021	9	6	15
2nd Year B.F.A (Hon's)	2020-2021	5	5	10
3rd Year B.F.A (Hon's)	2020-2021	5	6	11

4th Year B.F.A (Hon's)	2020-2021	8	3	11
1st Part M.F.A	2020-2021	5	9	14
2nd Part M.F.A	2020-2021	4	2	6
Total		36	31	67

Examination Result

Class	Academic year	Number of Examiners	Total Pass	Total Fail	Total %
1st Year B.F.A (Hon's)	2019-2020				The results will be published soon
2nd Year B.F.A (Hon's)	2019-2020				Will be held soon
3rd Year B.F.A (Hon's)	2019-2020				Will be held soon
4th Year B.F.A (Hon's)	2019-2020	14	14		100%
1st Part M.F.A	2019-2020				Will be held soon
2nd Part M.F.A	2019-2020	5	4	1	80%

পাঠ্যক্রম [পাঠ্যক্রম-সহযোগী ও পাঠ্যক্রম-অতিরিক্ত কার্যক্রম]

বি.এফ.এ সম্মান কোর্স	:	৪ বছর
এম.এফ.এ	:	২ বছর
পিএইচ.ডি	:	৪ বছর

Teachers Publication, Article, Exhibition and Others Activities

Professor Rokeya Sultana

১। International Biennial Print Exhibit: 2020 ROC at Taiwan. 2020

Professor Md. Anisuzzaman

১। জাতির পিতা বঙ্গবন্ধু শেখ মুজিবুর রহমানের জন্মশতবার্ষিকী উদযাপনের প্রস্তুতিপূর্বে বাংলাদেশ উপ-হাইকমিশন, কলকাতার উদ্যোগে একটি আর্ট-ক্যাম্পে অংশগ্রহণ। ২০২০

Dr. Sheikh Mohammad Rokonzaman, Associate Professor

১। “Brushstockes of Harmony”, Presents one of the 100 accepted Artists, First International online Juried Exhibition, IWS California, 2021.

২। ‘Pro-Printmaker World premier’ An International open call for Prints ,Organized by Kolkata Ink,India, 2020.

৩। 2nd Print Biennale India 2020, Lalit Kala Akademi, New Delhi. India. 2020

৪। 4th International Printmaking Triennial of ULUS, Belgrade, Serbia, June 2020.

৫। ‘Tangibility of Time’, Ctg. Art Club Presents, Online Virtual Art Exhibition 15-25th July, 2020.

৬। “September select Collect” Exhibition Organized by Galleri Kaya. Dhaka. 21st September 2020. 7th-30 September 2020.

Joya Shahrin Huq, Assiatant Professor

১। YSMA (Family Ship) International Group Art exhibition; Yeonseok Mountain Museum , South Korea. 2020

২। Prime Minister Sheikh Hasina’s 75th Birthday celebration 75 female artist exhibition organized by Bangladesh Shilpakala Academy, Dhaka, Bangladesh. 2021

৩। Museum of Intensity curated by Zihan Karim ,24th National art exhibition, Organized by Shilpakola Academy, Dhaka Bangladesh. 2021

Asmita Alam Shamy, Assistant Professor

- ১। Printmaking Exhibition on 99th birth celebration of Shilpaguru Shafiuddin Ahmed. Arranged by Shafiuddin Ahmed Printmaking Studio. 2021.
- ২। 24th National Art Exhibition 2021, arranged by Bangladesh Shilpakala Academy Venue: National Art Gallery
- ৩। "100 years celebration of Dhaka University" Arranged by Dhaka University Alumni association. 2021.
- ৪। "Art Against Corona" Art camp organized by Bangladesh Shilpakala Academy, Year 2020.
- ৫। Script writer for Safety internet use for children, Meena series. 2020
- ৬। "Art Against Corona" Art camp organised by Bangladesh Shilpakala Academy Year 2020.

Md. Nazir Hossain Khan, Assistant Professor

- ১। শিল্পীর আলোয় বঙ্গবন্ধু শিল্পকর্ম প্রদর্শনী ২০২০, বাংলাদেশ শিল্পকলা একাডেমী, ঢাকা। ২০২০
- ২। "Art Against Corona" Art camp organized by Bangladesh Shilpakala Academy, Year 2020.
- ৩। বঙ্গবন্ধুর জীবন থেকে চিত্র পটে 'মহানায়ক' শিল্পকর্ম প্রদর্শনী ২০২০, বাংলাদেশ শিল্পকলা একাডেমী, ঢাকা।

Mr. Kamruzzaman, Assistant Professor

- ১। Flower Whispers--Invitational Exhibition of contemporary international small Prints. in China printmaking museum. Shenzhen. 2021
- ২। Splitgraphic International Graphic Art Biennial
www.splitgraphic.hr splitgraphic@gmail.com Majstora Jurja 5 Split
- ৩। Third International Print Biennale, Yerevan 2021 organized by KulturDialog Armenia in Yerevan,
<http://yerevanprintbiennale.com/>
- ৪। jogja mini print biennial . Indonesia Jakarta.
jogjaminiprints.com

- ৫। Qu Bi Gallery, Corso Fogazzaro, Vicenza. MINIPRINT Exhibition and exchange. 2021
- ৬। Taiwan international print Biennale, 2020
- ৭। Worldwide print project, Italy.
https://www.incisoricontemporanei.it/en/articles/WorldWide-Prints_8.htm
- ৮। Virtual online exhibition. Engravist print biennale .2020,
<http://www.engravist.art/>
- ৯। Qu Bi Gallery, Corso Fogazzaro, Vicenza. MINIPRINT Exhibition and exchange. 2021

Department of Oriental Art (1955)

In 1948 Faculty of Fine Art (Former Institute of Fine Arts) established with only three departments under the leadership of Shilpacharya Zainul Abedin. In 1955 Department of Oriental Art established with some optimistic motivation. The objective of Oriental Art Department is to practice the glorious and rich traditional art of Asia to save and nurture the continuity of our own art trend, following the objective and ideal of Bengal School, which originated in opposition to western academic realism. The students of Oriental Art Department have been practicing art with great success since 1955. The students of this department synthesize modern Western and Oriental Art with tradition. So an innovative ground is created in this department where modern Western and Oriental Art blend together. This blending enrich our art practice by nourishing Bangladeshi traditional Art.

Artist Shafiqul Ameen was included as teacher at the early phase of the Department. Then artist Rashid Chowdhury, artist Md. Abul Hashem Khan, artist Aminul Islam, artist Md. Abdus Satter, artist Nasreen Begum and artist Shawkatuzzaman, artist Md. Abdul Aziz, artist Dr. Mizanur Rahman, artist Dr. Malay Bala, artist Kantideb Adhikary, artist Gopal Chandra Trivedi, artist Dipti Rani Datta, artist Sumon Kumar Baidya, artist Amit Nandi and Artist Dr. Sushanta Kumar Adhikary had joined the department respectively.

The Department of Oriental Art is on the way of prosperity in all perspective with the active support of the teachers mentioned. Not only had that teachers' competence, creativity, participation in local and foreign workshops, exhibitions and achieved awards increased fame and respect of the department both in the country and abroad. This department is determined to spread these achievements to all over the world from the responsibility for the society and humanity. In this respect department's reputation and the total number of students are increasing. The department offers four programs that include BFA, MFA, MPhil and PhD. The duration of BFA (honors) course is four years and MFA is two years.

Chairman

Kantideb Adhikary

Professor

(1) Dr. Malay Bala; (2) Dr. Mizanur Rahaman Fakir; (3) Dr. Sushanto Kumar Sdhikary.

Associate Professor

Md. Abdul Aziz

Assistant Professor

(1) Kantideb Adhikary; (2) Gopal Chandra Trivedi; (3) Dipti Rani Datta; (4) Sumon Kumar Baidya; (5) Amit Nandi.

Honorary Professor

Professor Dr. Md. Abdus Satter

Student Counselor

Amit Nandi, Assistant Professor

Number of Students

Curriculum	Duration	Male	Female	Total Number of Student
BFA Hons program	4 year	22	47	69
MFA Program	2 year	02	03	05
M.Phil Program	2year	00	05	05
Phd Program		02		02

Total number of Students

81

Research Article, Exhibition and other Activities

Professor Dr. Malay Bala

Exhibition

2021 24th National Art Exhibition, Organised by Bangladesh Shilpakala Academy, 29 June – 15 September 2021

Dr. Sushanta Kumar Adhikary

Professor

Exhibition

2020: Solo Painting Exhibition (Virtual), Organised by 'Art Family', India.

2021: 24th National Art Exhibition, Organised by Bangladesh Shilpakala Academy, Dhaka.

Award

2021 Best award (Oriental Art), 24th National Art Exhibition, Organized by Bangladesh Shilpakala academy, Dhaka.

Md. Abdul Aziz

Associate Professor

Exhibition

2021: Online Solo Exhibition in the Online Zervas Art Gallery Patras, Greece 2021.

2021: 5th International Online Art Contest & Online Art Camp-2021.

2021: International Online Art Competition-2021, Delhi, India.

2021: World Heritage International Online Miniature Art Exhibition & Contest 2021.

Dipti Rani Datta

Assistant Professor

Research Project:

1. Submitted final report of One Year UGC research project titled 'Ekusher Alpana: A New Catalyst for Socio-Cultural Change.' 18 March, 2021.

Research Article:

1. Purusher Bratakotha: Netrakona Zelar Tinti Namuna O Punorbibechonar Prostab, Journal of the Asiatic Society of Bangladesh, June 2021, No.39, Summer Issue, 1428
2. Loko Image Sangskriti: Rickshaw Chitre Podma-Motif, Rabindra University Journal, Issue-3, February 2021, Bangladesh.
3. Deshvag theke Bangladesh: Murtaza Basheer-er khnoje, Ahana (Peer-Reviewed Bilingual Yearly on Visual Art and Culture), Volume VII, 2021, Govt. College of Art & Craft, Tripura, India

Sumon Kumar Baidya

Assistant Professor

- 1.'Aparajito Soumitra' An artistic tribute to the legend,Indo Bangla art exhibition by 40 artists of India & Bangladesh. 25th to 31st December,2020 at New south gallery, Academy of FinFine Arts,Kolkata,India.Organised by Prachi Protichi SA 2 Netaji Market,Bolpur,Birbhum,West Bengal
- 2.'Bangabandhu and Bangladesh' group art exhibition,5th to 9th February 2021 at Academy of Fine Arts,Kolkata,India.Organised by Ministry of Information Government of the People's Republic of Bangladesh, Bangladesh Deputy High Commission, Kolkata,India.

Amit Nandi

Assistant Professor

Exhibiton

1. Art Against Corona: A Social and Cultural movement through Art, 27 October - 26 November 2020, Chitrashala Gallery, organised by Bangladesh Shilpakala Academy, Dhaka
2. 22nd Young Art Exhibition, 30th November - 29th December 2020, Chitrashala Gallery, organised by Bangladesh Shilpakala Academy, Dhaka
3. 24th National Art Exhibition 2021, 29th June - 15 September 2021, Chitrashala Gallery, organised by Bangladesh Shilpakala Academy, Dhaka

Gopal Chandra Trivedi

Assistant Professor

Exhibiton

1. Art Against Corona: A Social and Cultural movement through Art, 27 October - 26 November 2020, Chitrashala Gallery, organised by Bangladesh Shilpakala Academy, Dhaka
2. 50 Years of Independence Painting Exhibition 25-29 December 2020, Bangladesh Shishu Academy, Faridpur

Department of Ceramics (1961)

The Department of Ceramic, Faculty of Fine Art was established in 1961. Under the Government Institute of Arts & Crafts, artist Mir Mustafa Ali was the founder and the only teacher of this department. In 1962 the department got a donation from the Asia Foundation and Japanese Ceramist " Koichi Takita" Joined as teacher as part of this program. Later on the students of First batch Artist Maran Chand Pal, Artist Gopesh Malakar, Artist Shamsul Islam Nizamee and Artist Abu Syed Talukdar joined as a teacher. Presently there are 6 Permanent & 2 Part time teachers in teachinging this Department.

Chairman

Mr. Mohammad Subbir-Al Razy, M F A

Professor

Azharul Islam Sheikh, Ph.D. (Rajshahi University)

Associate Professor

(1) Mr.Md. Robiul Islam, M F A (M. S University of Baroda, India); (2) Mr. Sapan Kumar Sikder, M F A; (3) Mr. Debashis Pal, M FA.

Assistant Professor

Chinmaye Sikder, M F A

Part-Time Teacher

(1) Professor Dr. Ajoy Kumar Das; (2) Mr. Mynoddin Ahmed (Moinuddin Khaled).

Number of students

Male	28
Female	23
Total	51

Department of Sculpture (1963)

The Department of Sculpture of the Faculty of Fine Art was established in 1963. The founding head of the Department was Prof. Abdur Razzaque. The number of teachers and students of the Department at present are given below:

Chairman & Assistant Professor

Nasima Haque Mitu

Professor

Lala Rukh Selim

Associate Professor

A A M Kaoser Hassan
Mukul Kumar Barai

Assistant Professor

Nasimul Khabir

Honorary-Professor

Md. Hamiduzzaman Khan

Part-Time Teacher

Syed Tareq Rahman

Student Advisor

Nasimul Khabir

Curricular:

B. F. A Honors Course	:	4 years
M. F. A Course	:	2 years
Phd Course	:	4 years

Exhibition, Workshop, Seminar and Others Activities

পিএইচডি সেমিনার (অনলাইন)-২: নাসিমা হক মিতু, 'প্রতিষ্ঠিত ভাস্কর মো. হামিদুজ্জামান খান : প্রতিষ্ঠা অর্জন ও ভাস্কর্য প্রবণতা', ৩০শে শ্রাবণ ১৪২৮ বঙ্গাব্দ, ১৪ আগস্ট ২০২১।

Department of Crafts (1967)**Chairperson & Assistant Professor**

Farhana Ferdousi

Associate Professor

(1) Md. Faruk Ahamad Mullah; (2) Md. Abdul Momen.

Assistant Professor

Md. Jahangir Hossain

Part-Time Teacher

(1) Hridi Arddra Ahmed; (2) A.B.M Rokon-Uz-Zaman.

Student Adviser

Md. Abdul Momen

Number of Students

Male Student	Female Student	Total Student
30	56	86

Curricular

- B.F.A. Honors Program : 4 years
 M.F.A. Program : 2 years
 M.Phil. Program : 2 years
 Phd. Program : According to common rules of Dhaka University.

Departmental Educational Activities

1. জয়িতা ফাউন্ডেশনের সক্ষমতা বিনির্মাণে প্রকল্প জয়িতা ফাউন্ডেশন মহিলা ও শিশু বিষয়ক মন্ত্রণালয় আয়োজিত বিভিন্ন বিশ্ববিদ্যালয়ের শিক্ষার্থীদের জন্য চারু ও কারুকলা পণ্যের নকশা উন্নয়ন বিষয়ক দিনব্যাপী প্রশিক্ষণ কর্মশালায় আলোচক হিসেবে অংশগ্রহণ। আলোচ্য বিষয়-‘কারুপণ্য বৈচিত্র্যে এপলিকের ব্যবহার’ তারিখ : ১৪ই ফেব্রুয়ারি ২০২১।
২. করোনাকালীন সময় দরিদ্র ও মেধাবী ছাত্র-ছাত্রীদের মাঝে বিভাগীয় উন্নয়ন তহবিল থেকে আর্থিক সহযোগিতা প্রদান।
৩. রোকেয়া হল অ্যালামনাই এসোসিয়েশন, ঢাঃবি থেকে বিভাগীয় চারজন শিক্ষার্থীকে আর্থিক সহযোগিতা প্রদান।

Teachers Activities**Md. Faruk Ahamad Mullah**

Associate Professor

৪. “করোনার বিরুদ্ধে শিল্প” একটি সামাজিক ও সাংস্কৃতিক আন্দোলন। শিল্পকলা প্রদর্শনী, বাংলাদেশ শিল্পকলা একাডেমি, ২৭ অক্টোবর থেকে ২৬ নভেম্বর ২০২০।
৫. জয়িতা ফাউন্ডেশনের সক্ষমতা বিনির্মাণে প্রকল্প জয়িতা ফাউন্ডেশন মহিলা ও শিশু বিষয়ক মন্ত্রণালয় আয়োজিত বিভিন্ন বিশ্ববিদ্যালয়ের শিক্ষার্থীদের জন্য চারু ও কারুকলা পণ্যের নকশা উন্নয়ন বিষয়ক দিনব্যাপী প্রশিক্ষণ কর্মশালায় আলোচক হিসেবে অংশগ্রহণ। আলোচ্য বিষয় ‘কারুপণ্য বৈচিত্র্যে এপলিকের ব্যবহার’ তারিখ : ১৪ই ফেব্রুয়ারি ২০২১।

Md. Abdul Momen

Associate Professor

1. Art against Corona, Art camp’2020, National Art gallery, Bangladesh Shilpakala Academy, Dhaka.

2. ‘The power of Art’ an art camp, International Research Institute, Bangladesh.
3. 3rd And Virtual Art Show : Bangabondhu Art Exhibition’ 25-31 August’ 2020.
4. Digital Exhibition of the Bridge, 9 October’ 2020.
5. The Bridge international contemporary art Exhibition- 2020.
6. 5th international online festival 2020, Tune of Art, Focus Bangladesh, Dhaka, 27th -29th September ’2020.

Farhana Ferdausi

Assistant Professor

1. 2020 : 5th Tune of Art 2020 Online Festival from 27-29 September-2020.
2. 2020 : 111 Mini print Cantabria A Group International Art Exhibition Spain, from 14-31 August-2020.
3. 2020 : Dialogs E Interpretations International online printmaking Exhibition Colombo 15-31 October-2020.
4. 2021 : 24th National Art Exhibition, Bangladesh Shilpakala Academy, Dhaka, 29 June-15 September 2021.
5. 2021 : Small Object Workshop organized by Britto Arts Trust 18-25 March, 2021.
৬. অনলাইন পোস্টার প্রদর্শনী ১৪২৮, ১লা বৈশাখ উপলক্ষ্যে পোস্টার কর্মশালা, পরিচালনা- শিল্পী তরুণ ঘোষ। আয়োজনে- মঙ্গল শোভাযাত্রা গবেষণা ও প্রসার কেন্দ্র। স্থান- চিত্রকলা গ্যালারি।
৭. জয়িতা ফাউন্ডেশনের সক্ষমতা বিনির্মাণে প্রকল্প জয়িতা ফাউন্ডেশন মহিলা ও শিশু বিষয়ক মন্ত্রণালয় আয়োজিত ‘চারু ও কারুপণ্যে শৈল্পিক প্রকাশ’ ২রা ফেব্রুয়ারি

২০২১ নারী উদ্যোক্তা ও বিভিন্ন বিশ্ববিদ্যালয়ের শিক্ষার্থীদের দিনব্যাপী প্রশিক্ষণ কর্মশালায় আলোচক হিসেবে অংশগ্রহণ।

৮. জয়িতা ফাউন্ডেশন মহিলা ও শিশু বিষয়ক মন্ত্রণালয় আয়োজিত ‘ কারুপণ্যে টাই-ডাই এর নান্দনিক ব্যবহার’-১৮ মার্চ, ২০২১, নারী উদ্যোক্তা ও বিভিন্ন বিশ্ববিদ্যালয়ের শিক্ষার্থীদের দিনব্যাপী প্রশিক্ষণ কর্মশালায় আলোচক হিসেবে অংশগ্রহণ।

৯. জয়িতা ফাউন্ডেশনের সক্ষমতা বিনির্মাণে প্রকল্প জয়িতা ফাউন্ডেশন মহিলা ও শিশু বিষয়ক মন্ত্রণালয় কর্তৃক আয়োজিত বাংলাদেশের সকল জেলার নারী উদ্যোক্তা সৃষ্টির লক্ষ্যে ফ্যাশন ডিজাইন কর্মশালায় রিসোর্স পার্সন হিসেবে ২৭ জুন ২০২১ হতে অদ্যাবধি নিয়োজিত।

Department of Art History (1963)

Chairperson & Assistant Professor

Sanjoy Chakraborty (Bachelor & Masters from Rabindra Bharati University, Kolkata, India)

Publication and Presentation

1. ‘Exploring The Origins of Performance Art of Bangladesh’ Program-Footnote For The Future, Samdani Art Foundation, Dhaka, Bangladesh, 17th September 2020.
2. ‘Configuring Bangladeshi Modern Art Tendencies Through Performance Art’, Modern Art Histories in and across Africa, South and Southeast Asia (MAHASSA). A program of the Institute for Comparative Modernities (ICM) at Cornell University, Dhaka Art Summit and Asia Art Archive, with support from the Getty Foundation’s Connecting Art Histories, DAS (Dhaka Art Summit) Silpokala Academy, Dhaka, Bangladesh, 2020

Exhibitions

1. Prane Prokritite, 2nd Edition, A Performance Art in 24th National Art Exhibition, Show Curated by Joydeb Roaja, 29th June. Silpokala Academy, Dhaka, 2021

2. An Online Group Exhibition of the faculty member of Faculty of Fine Art, University of Dhaka. by Artcon Gallery, 3rd January. 2021
3. Primera Trienal Internacional de Performance Deformes, November 2020 to April 2021, CHILE
4. ‘Longitude latitude 8’, Curated online show by Sezzad. 18th Oct to 14th Nov, 2020, Dhaka
5. ‘Art Against Corona’, Silpokala Academy, 2020, Dhaka

Professor

Naheed Akhter, M.A. (Maharaja Sayajirao University, India) [L.P.R.]

Associate Professor

Dr. Skeikh Manir Uddin, M.A., PhD, Rajshahi University, Bangladesh

Assistant Professor

Mrs. Sabrina Shahnaj, Masters

Publication

“Tibbeti ‘Thanka’ Chitrakarmer Sarup Samikkha”, *Pracchobiddya Patrika, Ekadsoh Sankha*, June 2021, Professor Dilip Kumar Bhattacharja Research Centre, Sankskrit Dept. University of Dhaka

“তিব্বতি ‘থঙ্কা’ চিত্র কর্মের স্বরূপ সমীক্ষা”, *প্রাচ্যবিদ্যা পত্রিকা, একাদশ সংখ্যা*, জুন ২০২১, অধ্যাপক দিলীপ কুমার ভট্টাচার্য গবেষণা কেন্দ্র, সংস্কৃত বিভাগ, ঢাকা বিশ্ববিদ্যালয়

Exhibitions

1. Picasso Award 2021, BM Fine Art and Culture: 2021
2. 2nd Annual International Online Miniature Art Contest and Exhibition, IOMAC GLOBE ART: 2021
3. International Online Exhibition, Zervas Art Club: 2021
4. ANTAS International Online Art Exhibition, The Art Ancients: 2021:
5. 24th National Art Exhibition, Bangladesh Shilpakala Academy, Dhaka: 2021
6. 5th Tune of Art International Online Festival, Focus Bangladesh: 2020

Award

Picasso Silver Award 2021, BM Fine Art and Culture

Assistant Professor

Masuda Khatun Jui, M.A. (Maharaja Sayajirao University, India)

Lecturer

(1) Md. Aktaruzzaman, M.A.; (2) Nifat Sultana.

Honorary Professor

Professor Bulbon Osman

Part-Time Teacher

Mst. Taslima Begum, M.A.

Publication

‘আলপনার রূপান্তর’ চারুকলা বিভাগের গবেষণা জার্নাল দ্য জাহাঙ্গীরনগর বিশ্ববিদ্যালয় জার্নাল অব ফাইন আর্ট স্টাডিজ এর পঞ্চম সংখ্যায় প্রকাশের জন্য মনোনীত।

Institutes**Number of Students**

Students	Number
Male	51
Female	45
Total	96

Departmental Activities

অন-লাইন পরীক্ষার বিষয়ে যন্ত্রপাতি ক্রয়, অনলাইন পরীক্ষা অনুষ্ঠানের জন্য প্রয়োজনীয় ওয়ার্কশপের মাধ্যমে শিক্ষকবৃন্দের দক্ষতা অর্জন এবং দুটি বর্ষের পরীক্ষা অনলাইনে সফলভাবে অনুষ্ঠিত হয়েছে।

Institute of Education and Research (1960)

The Institute of Education and Research was established as the first institution of the University of Dhaka in 1959 with the technical and financial assistance of the USAID. It is run by the Second Statute under President's Order of 1973 and governed by a separate Board of Governors headed by the Vice Chancellor of the University of Dhaka.

Director

Dr. Md. Abdul Halim, MSc, MEd, PhD (Baroda)

Professor

(1) Dr. Syeda Tahmina Akhter, MSc, Dip-in Ed, MEd, MSc (York, UK), PhD (Monash Univ., Australia); (2) Dr. Md. Wahiduzzaman, LL.M, Dip-in-Ed, MEd, PhD (Nottingham, UK.); (3) Hosne Ara Begum (EER), MSc, MEd, MSc (Sussex); (4) Dr. Mohammad Ali Zinnah, MA, Dip-in-Ed, PhD (Sains Univ., Malaysia); (5) Dr. Diba Hossain, MSc, MEd, PhD; (6) Md. Fazlur Rahman, MA (Aligarh), MA (TESOL, USA); (7) Dr. Selina Banu, MSc, Dip-in-Ed, MEd (Melbourne, Australia), PhD, (8) Dr. S M Hafizur Rahman, MSc, MEd (Edith Cowan University), PhD (Monash Univ., Australia); (9) Dr. Mohammad Tariq Ahsan, MEd, Master of Special Education (Monash Univ., Australia), PhD, (Monash Univ., Australia); (10) Mohammad Nure Alam Siddique, MSc, MEd (Monash Univ., Australia); (11) Dr. Md. Abdus Salam, MEd, MA (Wales, UK), PhD; (12) Dr. Md. Serajul Islam, MSc, PhD, (Hokkaido Univ., Japan); (13) Dr. Md. Ariful Haque Kabir, MSc, MEd (New Zealand), PhD, (Monash Univ., Australia); (14) Md. Alamgir Hossain, MEd, MPhil (Oslo Univ., Norway); (15) Dr. Md. Ahsan Habib, MEd, MA (Rohampton, London, Charles univ.), PhD, (Monash univ., Australia); (16) Dr. Mohammad Moninoor Roshid, MEd, PhD, (Monash univ., Australia); (17) Dr. Md. Saiful Malak, MEd, MEd, (Griffith univ., Australia), PhD (Monash univ., Australia); (18) Dr. Tposh Kumar Biswas, MEd, MPhil (Norway), PhD; (19) Dr. Muhammed Mahbubur Rahman, MEd, MEd (Canterbury Univ., New Zealand), PhD (Canterbury Univ., New Zealand); (20) Dr. Md. Khairul Islam, MEd, MA in Education (York University, UK), PhD (Monash university, Australia).

Associate Professor

(1) Shah Shamim Ahmed, MEd, MA (Manila, Philippines); (2) Mohammad Mojibur Rahman, MEd, MPhil; (3) Syeda Atiqun Nahar, MEd, MPhil; (4) Dr. Abu Naeem Mohammad Salahuddin, MEd, MEd. (Canterbury Univ., New Zealand), PhD, (Canterbury University, New Zealand); (5) Mohammad Ashraf Sadek, MEd, (6) Tamanna Sultana, MSc, MEd, MPhil, MSc (Bristol, UK); (7) Mr. Debadash Halder, MSc, MPhil; (8) Umme Mustari Tithi, MEd; (9) Jurana Aziz, MA, MEd, [Study Leave]; (10) Dr. Shahrier Haider, MEd, Ph.D (Monash university, Australia); (11) Dr. Sumera Ahsan, MEd, PhD (USA); (12) Dr. Mohammad Mahboob Morshed, MEd, PhD (USA).

Assistant Professor

(1) Sharmin Kabir, MSc, MEd; (2) Zeba Farhana, MSc, MEd; (3) Rezina Ahmed, MSc, MEd; (4) Sheikh Tahmina Awal, MSc, MEd; (5) Sabbir Ahmed Chowdhury, MSc, MEd, [Study Leave]; (6) Tahmina Hoq, MSc, MEd, [Study Leave]; (7) Saira Hossain, MEd, MS, (New South Wales University, Australia); [Study Leave], (8) Dr. Asim Das, MEd, PhD (Hiroshima University, Japan).

Lecturer

(1) Mr. A.B.M. Ahasan Raqib, MEd; (2) Ms. Iffat Naomee, MEd, MPhil; (3) Mr. Farhan Azim, MEd [Study Leave]; (4) Ms. Rayhan Ara Zaman, MEd; (5) Ms. Tasmia Nowrin, MEd; (6) Aparna Rani Dey, MEd.

Honorary Professor

(1) Professor Mr. Md. Nazmul Hoq, M.Sc, M.Ed, M.A; (Exeter) (2) Professor Dr. Mariam Begum, MA, MEd, PhD.

Part-Time Teacher

(1) Professor Dr. Md. Farid Uddin Ahmed (Political Science); (2) Professor Dr. Asis Takulder.

Number of students studying from July 2020 to June 2021

SL No.	Batch	Student (Male)	Student (Female)	Total Student
1	26 th Batch, 1 st year (Honors)	91	90	181
2	25 th Batch, 2 nd year (Honors)	83	75	158
3	24 th Batch, 3 rd year (Honors)	82	76	158
4	23 rd Batch, 4 th year (Honors)	83	56	139
5	21 st Batch, (Masters)	101	55	156
6	22 nd Batch, (Masters)	87	68	155
7	M.Ed (Evening)	240	215	455
8	MPhil	27	34	61
9	PhD	14	13	27
Total Students =		808	682	1490

Examination Results

SL No.	Year and Classes	No. of Examinees	Classes obtained			Passed	Percentage of Pass (%)
			Ist	2nd	3rd		
1	4 th year (22 th Batch) Bachelor of Education (Hon.) Session: 2017-	152	-	-	-	148	97.37%

	2018						
2	3 rd year (23 th Batch) Bachelor of Education (Hon.) Session: 2016-2017	145	-	-	-	137	94.48%
3	2 nd year (24 th Batch) Bachelor of Education (Hon.) Session: 2016-2017	163	-	-	-	158	96.93%
4	1 st year (25 th Batch) Bachelor of Education (Hon.) Session: 2015-2016	180	-	-	-	158	92.40%
5	Master of Education (Evening) Term- III	79				79	100%

	(Non- Thesis Group) Session: 2017- 2018						
6	Master of Education (Evening) Term- III (Thesis Group) Session: 2017- 2018	04				04	100%
7	Master of Education (Evening) Term- I (Non- Thesis Group) Session: 2018- 2019	66				66	100%
8	Master of Education (Evening) Term- I (Thesis Group) Session: 2018- 2019	06				06	100%

Publications

Professor Dr. Diba Hossain

প্রতিবন্ধিতা শব্দকোষ; গবেষণা, সংকলন এবং অভিধান ও বিশ্বকোষ বিভাগ, বাংলা একাডেমি, ঢাকা - ১০০০, জ্যৈষ্ঠ ১৪২৮/জুন ২০২১

Mr. Debadash Halder

প্রকাশনা: প্রতিবন্ধিতা শব্দকোষ; গবেষণা, সংকলন এবং অভিধান ও বিশ্বকোষ বিভাগ, বাংলা একাডেমি, ঢাকা - ১০০০, জ্যৈষ্ঠ ১৪২৮/জুন ২০২১

Ms. Rayhan Ara Zaman

প্রতিবন্ধিতা শব্দকোষ; গবেষণা, সংকলন এবং অভিধান ও বিশ্বকোষ বিভাগ, বাংলা একাডেমি, ঢাকা - ১০০০, জ্যৈষ্ঠ ১৪২৮/জুন ২০২১

Institute of Statistical Research And Training (1964)

Director

Mohammad Shafiqur Rahman, MSc, MS (Nottingham), PhD (London)

Professor

(1) Syed Shahadat Hossain, MSc, PhD (Deakin) [Sabbatical Leave]; (2) Azmeri Khan, MSc, MS (Deakin), PhD (Deakin); (3) Md. Amir Hossain, MSc, PhD (Jadabpur); (4) Begum Zainab, MSc; (5) Muhammad Shuaib, MSc; (6) Abu Hena M Mahbub-ul Latif, MSc, MSc (UBC), PhD (Gottingen) (7) Md. Ohidul Islam Siddiqui, MSc, PhD (Chicago); (8) Md. Israt Rayhan, MSc, PhD (Hanover); (9) Mohammad Shafiqur Rahman, MSc, MS (Nottingham), PhD (London); (10) Tamanna Howlader, MSc, MS (Concordia), PhD (Concordia); (11) Mohammad Shahed Masud, MSc, PhD (Plymouth).

Associate Professor

(1) Jahida Gulshan, MSc, MSc (Newfoundland); (2) Md. Hasinur RahamanKhan, MSc, MS (Warwick), Ph.D. (Warwick); (3) Mohammad Lutfor Rahman, MSc, MS (Nottingham), PhD (Warwick) (London); (4) Muhammad Iftakhar Alam, MSc, Ph.D. (London); (5) Md. Anower Hossain, MSc, MS (Nottingham), Ph.D. (London).

Assistant Professor

(1) Paritosh Kumer Roy, MSc.; [Study Leave for PhD]; (2) Mohammad Shamsul Alam, MS; [Study Leave for PhD]; (3) Mohaimen Mansur, MS, PhD (London); (4) Yesmin Akhter, MSc [Resignation is under process]; (5) Md. Mahsin, MSc [Resignation is under process]; (6) Md. Rashedul Hoque, MS; [Study Leave for PhD]; (7) Md. Shaddam Hossain, MS [Study Leave for PhD]; (8) Nabil Awan, MS [Study Leave for PhD].

Lecturer

(1) Farhana Sadia, MS [The subject of termination of employment is in process]; (2) Ajmery Jaman, MS [Study Leave for PhD]; (3) Humayera Islam, MS; [Study Leave for PhD]; (4) Md. Tuhin Sheikh, MS [Study Leave for PhD]; (5) Elizabeth Bianca Sarker, MS [Study Leave for PhD]; (6) Tahmina Akter, MS [Study Leave for PhD]; (7) Noor Jahan Akter, MS, MSc [Southampton]; (8) Nasrin Lipi, MS; (9) Md. Mynul Islam, MS; (10) Rownak Jahan Tamanna, MS; (11) Ms. Tasneem Fatima Alam, MS [Study Leave for PhD].

Supernumerary Professor

(1) Professor Dr. Khan Abdul Matin. M A Statistics, MA Economic (Chittagong). MSc Demography (Jons Hopkins), Ph.D.; (2) Professor M Sekander Hayat Khan, MSc, PhD (Otago).

Honorary Professor

Professor P. K. Md. Motiur Rahman, MSc (Rajshahi), MPhil, Ph.D.

Part-Time Teacher

(1) Dr. Chandranath Poddar, Professor, Department of Mathematics, University of Dhaka; (2) Dr. Muhammad Ferdous, Associate Professor, Department of Applied Statistics, University of Dhaka; (3) Dr. Liton Kumar Saha, Assistant Professor, Department of Applied Mathematics, University of Dhaka; (4) Md. Fazlur Rahman, Professor, Institute of Education and Research (IER), University of Dhaka.

Number of Students

Course Name		Session	Male	Female	Total
A	Ph D	2020-2021	00	00	00
B	M Phil	2020-2021	00	00	00
C	M S in Applied Statistics	2020-2021	28	16	44
	4 th Year B S Hons (integrated) in Applied Statistics	2020-2021	28	11	39
	3 rd Year B S Hons (integrated) in Applied Statistics	2020-2021	44	5	49
	2 nd Year B S Hons (integrated) in Applied Statistics	2020-2021	50	12	62
	1 st Year B S Hons (integrated) in Applied Statistics	2020-2021	42	19	61
Total			192	63	255

Examination Results

Year & Class	No. of Examinees	Passed	Percentage
4 th Year BS Hons. (integrated) in Applied Statistics Examination, 2020	39	Examination is in progress	N/A
MS in Applied Statistics Examination, 2020 (Non-Thesis)	23	Examination is over on dated 18.10.2021 but result is not published yet.	N/A
MS in Applied Statistics Examination, 2020 (Thesis)	21	Examination is over on dated 18.10.2021 but result is not published yet.	N/A
Total	83		

Co-Curriculum Activities

Due to COVID-19 pandemic situation the university was closed. All co-curricular activities were suspended.

Seminar, Workshop and Short-course held at ISRT

- a. A seminar was held through online meeting platform ZOOM on July 13, 2020. Dr. Tanbin Rahman, Postdoctoral Fellow at the MD Anderson Cancer Center, USA was the speaker. The topic of the seminar: A brief introduction to Transcriptomic data analysis.
- b. A seminar was held through online meeting platform ZOOM on July 26, 2020. Nabil Awan, Assistant Professor (on leave), ISRT, DU and PhD candidate at the University of Pittsburgh, USA. The topic of the seminar: R Shiny app for the beginners
- c. A seminar was held through online meeting platform ZOOM on October 10, 2020. Abdus S. Wahed, Professor of Biostatistics, School of Public Health, University of Pittsburgh, USA was the speaker. The topic of the seminar: Opportunities and Challenges for Statisticians During Pandemics.
- d. A seminar was held through online meeting platform ZOOM on March 20, 2020. Jahangir Alam, MS, Data Scientist Associate Director, Novartis Pharmaceutical, New Jersey, USA.. The topic of the seminar: Clinical Trials and application of Statistical Modeling and Machine Learning in Biomedical Data

ISRT individually arranged these seminars.

Research Journal Published from ISRT/Training Program

- a. Journal of Statistical Research (JSR) – An International Journal – Published from 1970. December 2020, the *Journal of Statistical Research (JSR)*, Volume 54, No. 2 was published.

- b. Institute of Statistical Research and Training (ISRT) organized three online training programs entitled “SPSS & Applied Statistics”, “Stata & Applied Statistics” and “R for data analytics” for the people of several institutes or organizations who are related with research and for development of their competence.

Research Activities

Publication and Research Paper

Mohammad Shafiqur Rahman

Two articles were published in 2020-2021 academic year:

1. Nusrat N, **Rahman MS** (2021). Dealing with separation or near-to-separation in the model for multinomial response with application to childhood health seeking behavior data from a complex survey. *Journal of Applied Statistics*.
2. Adhikary, A and **Rahman MS** (2020). Firth’s penalized method in Cox proportional hazard framework for developing predictive models for sparse or heavily censored survival data. *Journal of Statistical Computation and Simulation*.
<https://doi.org/10.1080/00949655.2020.1817924>

Dr. Jahida Gulshan

Two articles were published in 2020-2021 academic year:

1. Khan, J.R. and **Gulshan, J.** Heterogeneous effects of factors on child nutritional status in Bangladesh using linear quantile mixed model, *Biostatistics & Epidemiology*, 4(1), 265-281
(<https://www.tandfonline.com/doi/abs/10.1080/24709360.2020.1842048>). (2020)
2. Mahmud, S., **Gulshan, J.**, Tasneem, F and Ahmed, S.S. Seroconversion of Hepatitis B Vaccine in Young Bangladeshi Children: A Tertiary Centre Experience, *World Journal of Vaccines*, 11 (02):7-18.
https://www.scirp.org/pdf/wjv_2021030814200028.pdf (2021)

Dr. Md. Hasinur Rahaman Khan

Six articles were published in 2019-2020 academic year:

1. A. Mimi and M.H.R. Khan. Variable Selection for Censored Data Using Modified Correlation Adjusted correlation (MCAR) Scores. *Statistics in Medicine*. 1-19 doi: 10.1002/sim.9110 (June, 2021).
2. M.H.B. Siam, M.M. Hasan, S.M. Tashrif, M.H.R. Khan, E. Raheem, and M.S. Hossain. Insights into the first seven months of COVID-19 pandemic in Bangladesh: Lessons learned from a high-risk country. *Heliyon*. doi: 10.1016/j.heliyon.2021.e07385 (June, 2021).
3. Z.Z. Sultana, F.U. Hoque, J. Beyene, M.A. Islam, M.H.R. Khan, S. Ahmed, D.H. Hawlader and A. Hossain. HIV Infection and Multidrug Resistant Tuberculosis: A Systematic Review and Meta-analysis. *BMC Infectious Diseases*, 21:51. doi: 10.1186/s12879-020-05749-2 (January, 2021).
4. M.H.R. Khan and A. Hossain. Machine Learning Approaches Reveal that Number of Tests does not Matter to Predict Global COVID-19 Confirmed Cases. *Frontiers in Artificial Intelligence*, 3:561801. doi: 10.3389/frai.2020.561801 (November, 2020).
5. M. Ali, G.U. Ahsan, R. Khan, M.H.R. Khan and A. Hossain. Immediate impact of stay-at-home orders to control COVID-19 transmission on mental well-being in Bangladeshi adult population: Patterns, Explanations, and future directions. *BMC Research Notes*, Volume 13, Article number 494 (October, 2021).
6. M.H.R. Khan, and T. Howlader. Breaking the Back of COVID-19: Is Bangladesh Doing Enough Testing?. *Journal of Biomedical Analytics*, Vol. 3(2): 25-35 (September, 2021).

Dr. Muhammad Iftakhar Alam

Four articles were published in 2020-2021 academic year:

1. **Alam, M. I.**, Mansur, Mohaimen and Barman, Prianka. Early childhood development in Bangladesh and its socio-demographic determinants of importance. *Early Child Development and Care*, 1-20, 2021

2. Rahman, Rezoanoor and **Alam, M. I.** Stopping for efficacy in single-arm phase II clinical trials. *Journal of Applied Statistics*, 1-20, 2021
3. **Alam, M. I.** and Sultana, Nigar, Construction of windows for pharmacokinetic sampling. *Austrian Journal of Statistics* 50(5), 23-37, 2021
4. Khan, Noor M. and **Alam, M. I.**, Early stopping in seamless phase I/II clinical trials. *Pharmaceutical Statistics* 20(2), 390-412, 2020

Dr. Mohaimen Mansur

One article was published in 2020-2021 academic year:

1. Hasan ATMH, Das SC, Islam MS, **Mansur M**, Shawon MSR. Impact of COVID-19 on hospital admission of acute stroke patients in Bangladesh, *PLOS ONE* 16(1), January 2021. (with Hasan ATMH et al.)

Personal Achievements

A) Mrs. Jahida Gulshan

PhD degree in Applied Statistics, University of Dhaka

Date: April 08, 2021

Title of PhD thesis: Modelling Longitudinal Binary Outcomes for Analysing Covariate Dependence

Institute of Business Administration (1966)

Director

Professor Mohammad A. Momen, M.B.A. (Drake, USA), M.Com.

Professor

(1) Syed Ferhat Anwar, PhD, DUT (Canada), MBA, MSc; (2) Mohammad Abdul Momen, MBA (Drake, USA), MCom; (3) Md. Jawadur Rahim Zahid, PhD (MBS, UK), MBA; (4) Abu Yousuf Md. Abdullah, PhD,

International MBA (Helsinki School of Economics, Finland), MBA, Post Doctoral Research (University of Malaysia-Perils, Malaysia); (5) Shakil Huda, MSc (Texas Tech, USA), MBA; (6) Syed Munir Khasru, MBA (Wharton, USA), M.Com. [Extra ordinary leave]; (7) Mushtaque Ahmed, MBA; (8) Sheikh Morshed Jahan, M.A. Intl. Dev. Policy (Duke), MBA; (9) Md. Mohiuddin, PhD (Cardiff, UK), PGD, Research Method (UK), MBA; (10) Md. Ridwanul Haq, PhD (UWS, Australia), Masters (ANU, Australia), PGD, Training & Teaching (Sydney), MBA.

Associate Professor

(1) Shakila Yasmin, PhD, MBA (Schulich School of Business, Canada), MBA; (2) Sutapa Bhattacharjee, MBA (Willamette, USA), MBA; (3) Khaled Mahmud, MBA, (Bently University, USA), MBA (4) Melita Mehjabeen, PhD (Manchester, UK), PGD in Dev. Studies (Sri Lanka), MBA; (5) Rezwanul Huque Khan, PhD (Warwick, UK), MBA; (6) Md. Rezaul Kabir, PhD (Auston, UK), MSc. (Auston, UK), PG Certificate (Auston, UK); (7) Homayara Latifa Ahmed, MBA (Study leave); (8) Md. Iftekharul Amin, MBA; (9) Syeda Mahrufa Bashar, MBA, (Study leave); (10) Mohammad Saif Noman Khan, MBA (York, Canada), MBA, MA; (11) Md. Mohiuddin Ahmed, MBA [Forced leave].

Assistant Professor

(1) Md. Farhan Imtiaz, MBA [Study leave]; (2) Tasneema Afrin, MBA, MS (USA); (3) A.T.M. Jakaria Khan, MBA [Study leave]; (4) Khonika Gope, MBA (USA), MBA; (5) Tanisha Bukth, MBA; (6) Fairuz Chowdhury, MBA (USA), MBA; (7) Avijit Mallik, MBA [Study leave].

Lecturer

(1) Rafia Afrin, MBA [Study leave]; (2) Swarup Saha, MBA [Study leave].

BBA Program

Number of Students in the Fall Semester (July 1 to December 31, 2020)

Batch & Year	Male	Female	Total
BBA 25 th Batch	73	30	103

(4 th Year)			
BBA 26 th Batch (3 rd Year)	66	36	102
BBA 27 th Batch (2 nd Year)	59	32	91
BBA 28 th Batch (1 st Year)	67	39	106
Other batches	3	1	4
Total	268	138	406

Results: Semester- Fall 2020

According to the results of the fall semester (July 1 to December 31, 2020), the number of students of the graduating BBA 24th batch and BBA 25th, 26th, 27th and the newly admitted BBA 28th batches are given below. Out of the 100 students of the graduating BBA 24th batch, 96 students have graduated. The rest 4 students could not fulfill the degree requirements (Internship, Comprehensive etc.) and hence will graduate with the next batch.

Batch	Year	Number of Examinees	Results			
			1 st (CGPA From 3.00 to 4.00)	2 nd (CGPA From 2.50 to 3.00)	3 rd (CGPA From 2.00 to < 2.49)	Fail
24	Graduating Batch	100	69	31	0	0
25	4 th	103	81	22	0	0
26	3 rd	102	72	30	0	0
27	2 nd	91	77	14	0	0
28	1 st	106	93	11	2	0
Other batches		4	1	3	0	0

Number of Students in the Spring Semester (January 1 to June 30, 2021)

Batch & Year	Male	Female	Total
BBA 26 th Batch (4 th Year)	66	36	102
BBA 27 th Batch (3 rd Year)	59	32	91
BBA 28 th Batch (2 nd Year)	62	39	101
Other batches	5	1	6
Total	192	108	300

Results: Semester- Spring 2021

According to the results of the spring semester (January 1 to June 30, 2021), the number of students of the graduating BBA 25th batch and BBA 26th, 27th, 28th batches are given below. Out of the 103 students of the graduating BBA 25th batch, 97 students have graduated. The rest 6 students could not fulfill the degree requirements (Internship etc.) and hence will graduate with the next batch.

Batch	Year	Results				
		Number of Examinees	1 st (CGPA From 3.00 to 4.00)	2 nd (CGPA From 2.50 to 3.00)	3rd (CGPA From 2.00 to 2.49)	Fail

25	Graduating Batch	103	81	22	0	0
26	4 th	102	80	22	0	0
27	3 rd	91	83	8	0	0
28	2 nd	101	84	16	1	0
	Other batches	6	3	3	0	0

MBA Program

From July 01, 2020 to June 30, 2021

Male	353
Female	51

Fall 2020 Semester

MBA Full time Students

MBA Part time Students

Session (2020-2021)	Total	Session (2020-2021)	Total
52D Full time Students	2	51E Part time Students	1
54D Full time Students	1	57E Part time Students	2
55D Full time Students	2	59E Part time Students	21
57D Full time Students	4	61E Part time Students	42
58D Full time Students	5	62E Part time Students	48
59D Full	3	63E Part time Students	60

time Students				
60D Full time Students	3	Total=		
61D Full time Students	10			
62D Full time Students	98			
63D Full time Students	102			
Total =	230			

Male	262
Female	61

**Spring
2021
Semester**

**MBA Part time
Students**

MBA Full time Students		Session (2020-2021)	Total
Session (2020-2021)	Total	47E Part time Students	1
52D Full time Students	2	51E Part time Students	1
55D Full time Students	2	53E Part time Students	1
57D Full time Students	3	57E Part time Students	1
58D Full	3	59E Part time	7

time Students		Students	
59D Full time Students	2	61E Part time Students	40
60D Full time Students	2	62E Part time Students	45
61D Full time Students	9	63E Part time Students	52
62D Full time Students	100	Total=	148
63D Full time Students	52		
Total =	175		

**Total Number of MBA students of 2020-2021
Session, Full time & Part time = 727**

Male	65
Female	8

**Result of MBA Graduates (2020) published by
the Vice Chancellor of DU, 08 March 2021**

Class	Total No. of Candidates	Class/Division	CGPA 3.0-4.0	CGPA 2.5 - <3.0	3rd Class	Total Pass	%
51D Full time	2	1	1	0	2	100%	

Students						
53D Full time Students	1	1			0	1
54D Full time Students	1	1			0	1
55D Full time Students	2	2			0	2
56D Full time Students	1	1			0	1
57D Full time Students	2	1		1	0	2
58D Full time Students	4	2		2	0	4
59D Full time Students	6	6			0	6
60D Full time Students	32	30		2		32
53E Part time Students	3	2		1	0	3
55E Part time Students	1			1	0	1
57E Part time Students	14	7		7	0	14
59E Part time	4	4			0	4

Students						
Total =	73	58	15	0	73	

Program Name: Executive MBA Program**Students Status Session 2020-2021****Fall 2020**

Class/Session	Male Students	Female Students	Total Students
36th Batch	45	4	49
35th Batch	29	2	31
34th Batch	27	6	33
Others Batch	31	7	38
Total	132	19	151

Spring 2021

Class/Session	Male Students	Female Students	Total Students
36th Batch	45	4	49
35th Batch	29	2	31
Others Batch	26	4	30
Total	100	10	110

Summer 2021

Class/Session	Male Students	Female Students	Total Students
36th Batch	44	4	48
Others Batch	26	3	29
Total	70	7	77

Total	44	9	53
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Exam Result

Class	Total No. of Candidates	Class/Division		Total Pass	Percentage of Pass
		CGPA 3.00-4.00 (1 st Class)	CGPA 2.50-2.99 (2 nd Class)		
35th Batch and Irregular Batches	39	32	7	39	100%
36th Batch and Irregular Batches	75	72	3	75	100%
Total	114	104	10	114	

DBA Program : 2020-2021

Class/Session	Male Students	Female Students	Total Students
1 st Batch	04	0	04
2 nd Batch	07	0	07
3 rd Batch	09	01	10
4 th Batch	10	04	14
5 th Batch	07	02	09
6 th Batch	04	0	04
7 th Batch	03	02	05

M. Phil. Program : 2020-2021

Male Students	Female Students	Total Students
02	01	03

Ph.D. Program: 2020-2021

Male Students	Female Students	Total Students
05	0	05

Institute of Nutrition and Food Science (1969)**Director**

Professor Dr. Khaleda Islam

Professor

(1) Nazma Shaheen, M.Sc., Ph.D. (Kagosima); (2) Sheikh Nazrul Islam, M, Pharm (DU), Ph.D (Strathclyd, U.K); (3) Khaleda Islam, D.P.H (Netherlands), Ph.D; (4) Md. Mohiduzzaman, M.Sc; (5) Md. Saidul Arefin, M. Phil., MD (BSMMU); (6) Abu Torab M.A. Rahim, M.Sc., Ph.D. (Kumamoto); (7) M. Akhtaruzzaman, M. Sc., Ph.D. (Okayama); (8) Md. Nizamul Hoque Bhuiyan, M. Sc., DAND, M. Phil., Ph.D; (9) Sharmin Rumi Alim, M.Sc., Ph.D. (Ahimi).

Associate Professor

(1) Dr. Mohammad Abdus Zaher, M. Phil; (2) Kazi Mohammad Rezaul Karim, M.S; Ph.D.; (Malaysia) ; (3) Ruhul Amin, M.S (Colorado); Ph.D.; (U.S.A.) ; (4) Md. Khurshidul Zahid, M.S, Ph.D., (U.S.A); (5) Sumaiya Mamun, M.S.; Ph.D. (Cambridge, U.K.).

Assistant Professor

(1) Ali Abbas Mohammad Kurshed, M.S; (Ghent, Belgium), [Study leave]; (2) Ila Ismail, M.S; (3) Avonti Basak Tukun, M.S; (4) Saiful Islam, M.S; (5) Kazi Turzaun Akhter, M.S.

Lecturer

(1) Hazera Binte Sufian, M.S; (2) Saba Tasnim, M.S; [Study leave]; (3) Nafis Md. Irfan, M.S. [Study leave]; (4) Ishrat Norin Khan, M.S. [Study leave].

Academic Result of INFS

(Honors course started from 1997-98 under the Faculty of Biological Science).

Class	Session	Percentage of pass
1 st year BS(Hons.)	2018-2019	74.47%
2 nd year BS(Hons.)	2018-2019	92.30%
3 rd year BS(Hons.)	2018-2019	100%
4 th year BS(Hons.)	2018-2019	96.77%
M.S.	2018-2019(Non thesis)	85.71%
	2018-2019 (Thesis)	100%
	M.Phil 2018-2019	90.90%

Running B.S (Hons) and MS Batches

Batch	Year & session	Course co-ordinator & Chairman
23 th	1 st year, 2019-2020	Dr. Md. Khurshidul Zahid, Assistant Professor
22 th	2 nd year, 2019-2020	Dr. M. Akhtaruzzaman, Professor
21 th	3 rd year, 2019-2020	Dr. Kazi Mohammed Rezaul Karim, Associate Professor
20 th	4 th year, 2019-2020	Dr. Nizamul Hoque, Professor
19 th	M.S. 2019-2020	Dr. Md. Saidul Arafin, Professor
	M.Phil 2018-2019	Dr. Md. Saidul Arafin, Professor
	M.Phil 2019-2020	Dr. Md. Ruhul Amin, Associate Professor

Number of Students

Batch	Year & session	Number of students
23 th	1 st year, 2019-2020	46
22 th	2 nd year, 2019-2020	51
21 th	3 rd year, 2019-2020	24
20 th	4 th year, 2019-2020	33
19 th	M.S. 2019-2020	30
	M.Phil 2018-2019	14
	M.Phil 2019-2020	13

Co and extra-curriculum activities

1. Food processing industry visit

Visit to food processing industry is arranged for INFS students every year. Students ARE able to achieve sufficient knowledge on food production, processing, marketing and distribution due to this visit.

2. Sports Activities: Students of INFS (Institute of Nutrition and Food Science) regularly participate in the inter-department football, basketball, badminton and cricket tournament of University of Dhaka. In addition, students also arrange indoor games competition within the institute.

3. Journal publication: INFS has its own publication section. From this institute, *Bangladesh Journal of Nutrition* is published every year.

Institute of Social Welfare and Research (1973)

Director

Professor Tahmina Akhtar

Professor

(1) A S M Atiqur Rahman, MSS (Social welfare), M Demography, Ph.D; (2) Muhammad Samad, MSS, Ph.D; (3) Md. Nurul Islam, MSS, Ph.D; (4) Tahmina Akhtar, MSS; (5) Tania Rahman, M.Sc, Ph.D; (6) Md. Golam Azam, MA (R.U), M.Phil (R.U), MS & Ph.D.(Tsukuba, Japan); (7) Mahbuba Sultana, MSS, Ph.D. (Bangalor, India); (8) Golam Rabbani, MSS, MS (Gothenburg, Sweden), Ph.D; (9) Md. Rezaul Islam, MSS, MSW & Ph.D (Nottingham, England); (10) Md. Fozle Khoda, MSS (R.U), MS (Gothenburg, Sweden), International Masters in Family Related Policies & Social Services in Europe (IMFPSE), Ph.D.(Australia); (11) Mohammad Shahin Khan, MSS, MA in Globalisation & Development (Antwerp, Belgium), Ph.D; (12) Sk. Tauhidul Islam, MSS, MS (Gothenburg, Sweden), Ph.D; (13) Mohammad Hafiz Uddin Bhuiyan, MSS, Ph.D. (14) Md. Rabiul Islam, MSS, Ph.D; (15) Shahana Nasrin, MSS, M.Phil (University of Bergen, Norway), Ph.D.

Associate Professor

(1) Md. Ashraful Alam, MSS, Ph.D.

Assistant Professor

(1) Mohammad Mainuddin Mollah, MSS; (2) Anuradha Bardhan, MSS; (3) Md. Tawohidul Haque, MSS; (4) Saidur Rahman, MSS [on study leave]; (5) Kamrun Nahar, MSS [on study leave].

Part-Time Teacher

(1) Professor Md. Lutfor Rahaman, (Dept. of Statistics, DU); (2) Mr. Md. Elias Uddin (Lecturer, Dept. of English, DU).

Students

Years and Classes	Session	Numbers
1 st Year (1 st & 2 nd Semester) BSS Hons	2019-2020	115
2 nd Year (3 rd & 4 th Semester) BSS Hons	2019-2020	108
3 rd Year (5 th & 6 th Semester) BSS	2019-2020	111

Hons		
4 th Year (7 th & 8 th Semester) BSS Hons	2019-2020	114
MSS (1 st & 2 nd Semester)	2019-2020	97
M Phil 1 st Part	2018-2019	06
M Phil 1 st Part	2019-2020	02
MSS Previous (Evening Programme)	2017-2018	59
MSS Previous (Evening Programme)	2018-2019	09
MSS Final (Evening Programme)	2017-2018	73
One Year MSS Final (Evening Programme)	2019-2020	108
Specialized Masters Program	2018-2019	215
Specialized Masters Program	2019-2020	294
Total		1315

Examination Results

Year and Classes	Number of examinees	Passed	Percentage of pass
MSS Final Examination of 2019	115	111	96.52%
M. Phil Degree Award		2	

Professor Bashira Mannan Memorandum Speech 2021: The Institute arranged a Program on Professor Bashira Mannan Memorial Speech 2021 on 09 February 2021 at the Institute auditorum. The program was presided over by Professor Momtaz Uddin Ahamed Honourable Treasurer of Dhaka University and the Chairman of Trusteefund of Professor Bashira Mannan Memorial Fund. The Honourable Vice-Chancellor of Dhaka University Professor Dr. Md. Akhtaruzzaman attended the program as chief guest and the Honourable Pro-Vice-Chancellor(Admin) of Dhaka University

Professor Dr Muhammad Samad and the Honourable Pro-Vice-Chancellor(Academic) of Dhaka University Professor Dr. A S M Maksud Kamal attended the programe as the special guest. In that program Mrs Kamrun Nahar, former secretary of the Ministry of Women and Children Affairs, Government of the People's Republic of Bangladesh

Publication and Research paper:

Research Activities:

01. **Professor Dr. A S M Atiqur Rahman (Supervisor)**, Older People in Heat Wave : A Study on Extreme Heat Wave Prone Area in Bangladesh, Presented by Md. Shohel Rana ((MSS Thesis, Session 2018-2019), Institute of Social Welfare and Research, University of Dhaka. Dhaka. Bangladesh.
02. **Professor Dr. Md. Nurul Islam (Supervisor)**, Livelihood Patterns of Garo Community: A Study of a Village in Tangail District, Presented by Emrul Kabir(MSS Thesis, Session 2018-2019), Institute of Social Welfare and Research, University of Dhaka. Dhaka. Bangladesh.
03. **Professor Tahmina Akhtar (Supervisor)**, Conditions and Psycho-social Consequences of Suicidal Attempt: A Study of Dhaka City, Presented by Eftakher Alam Juwel (MSS Thesis, Session 2018-2019), Institute of Social Welfare and Research, University of Dhaka. Dhaka.
04. **Professor Dr. Tania Rahman (Supervisor)**, Knowledge Attitude and Awareness about Reproductive Health of Adolescent Girls in Bangladesh", Presented by Sadia Afrin Bindu (MSS Thesis, Session 2018-2019), Institute of Social Welfare and Research, University of Dhaka. Dhaka.
05. **Professor Dr. Md. Golam Azam (Supervisor)**, Impact of Changing Urban Environment on the Health of Residents: A Study in Dhaka City, Presented by Md. Saifur Rahman (MSS Thesis, Session 2018-2019) , Institute of Social Welfare and Research, University of Dhaka. Dhaka.

06. **Professor Dr. Mahbuba Sultana (Supervisor)**, Situation of Widow in Bangladesh: A Study on Two Villages, Presented by: Bilkis Akter (MSS Thesis, Session 2018-2019), Institute of Social Welfare and Research, University of Dhaka. Dhaka.
07. **Professor Dr. Golam Rabbani (Supervisor)**, Lives and Livelihood Pattern of Haor (wetlands) People in Kishoreganj. Presented by Abul Hasnat tarek (MSS Thesis, Session 2018-2019), Institute of Social Welfare and Research, University of Dhaka. Dhaka.
08. **Professor Dr. M Rezaul Islam (Supervisor)**, Reproductive Health care Services among Community Clinics in Rural Bangladesh: Types of Services, Service Satisfaction and Service Gaps, Presented by Nargis Fatema (MSS Thesis, Session 2018-2019), Institute of Social Welfare and Research, University of Dhaka. Dhaka. Bangladesh.
09. **Professor Dr. Md. Fozle Khoda (Supervisor)**, Harassment against Female Passengers in Public Transports: A Study in Dhaka City, Presented by Md. Tuhin Mia (MSS Thesis, Session 2018-2019), Institute of Social Welfare and Research, University of Dhaka. Dhaka.
10. **Professor Dr. Mohammad Shahin Khan (Supervisor)**, The livelihood Strategies and Challenges of Potters: A Study on Dhamrai Upazila, Manikganj, Presented by sheristy Ray Rumpa(MSS Thesis, Session 2018-2019) , Institute of Social Welfare and Research, University of Dhaka. Dhaka.
11. **Professor Dr. Sk. Tauhidul Islam (Supervisor)**, Survival Strategy of Acid Victim Women in Bangladesh, Presented by Hasan Al Banna (MSS Thesis, Session 2018-2019) , Institute of Social Welfare and Research, University of Dhaka. Dhaka.

12. **Professor Dr. Mohammad Hafiz Uddin Bhuiyan (Supervisor)**, A Study on Socio-economic Changing Pattern in Rural Society of Bangladesh, Presented by Md. Tafimul Islam (MSS Thesis, Session 2018-2019), Institute of Social Welfare and Research, University of Dhaka. Dhaka.
13. **Professor Dr. Md. Rabiul Islam (Supervisor)**, Elder Abuse and Neglect in Rural Bangladesh; A Study, Presented by Emon Ahmed Sifat (MSS Thesis, Session 2018-2019), Institute of Social Welfare and Research, University of Dhaka. Dhaka.
14. Padma Multipurpose Bridge: Impacts on Lives and Livelihoods of Project Affected People, Report Submitted by Institute of Social Welfare and Research, University of Dhaka, Dhaka, Bangladesh

Conference

- 1) Institute of Social Welfare and Research, University of Dhaka organized a seminar on “ Golden Jubilee of the Independence of Bangladesh: Gender Equality and Justice Achievement on 08 March 2021 at the auditorium of this Institute. In observance of the Birth Centenary of the Father of the Nation Bangabandhu Sheikh Mujibur Rahman; Centenary of Dhaka University and Golden Jubilee of the Independence of Bangladesh. Dr. Md. Moniruzzaman, Director (Planning and Development), Bangladesh Bridge Authority attended the program as the chief guest and the Managing Director of Proomixko Group, Mrs. Moushimi Islam attended the program as the special guest. The program was presided over by the by Professor Tahmina Akhtar, the Director of the Institute of Social Welfare and Research.

Institute of Modern Languages (1974)

Director

Professor Dr. A.B.M. Razaul Karim Faquire

Professor

(1) A.B.M. Razaul Karim Faquire, BSc and MSc in Psychology, Higher-Diploma in Japanese as Foreign Language, Teaching Japanese as Foreign Language (Equivalent to Masters) (Japan Foundation Japanese Language Institute), Post-Graduate Study (Hyogo University of Teacher Education), Ph.D. in Japanese Linguistics, Inviting Research Fellow (Kobe Gakuin University), Visiting Research Fellow (National Institute for Japanese Language and Linguistics), Visiting Professor (Kobe Gakuin University); (2) Iffat Ara Nasreen Majid, MA English Literature, MA ELT (UK), Diploma in University Teaching & Research (Germany), Certificate Courses in TEFL, Textbook Writing (UK); (3) Shishir Bhattacharja, Ph.D. (Montreal, Canada), Masters and MPhil (Sorbonne, Paris); (4) Sayeedur Rahman, Ph.D. (India); (5) Shaila Sultana, Ph.D. (University of Technology, Sydney, Australia); MA (King’s College, London, UK); MA and BA Hons. (Jahangirnagar University, Dhaka, Bangladesh), Post-Graduate Diploma (Monash University, Melbourne, Australia); (6) Shamim Banu, MA Persian, MA Urdu; (7) Mohammad Absar Kamal, MA French (Jawaharlal Nehru University, New Delhi, India), M.Sc. Physics, CEFP (Paris); (8) Mohammed Ansarul Alam, Ph.D. & MA Japanese Language Education (Tokyo, Japan), Advanced Training for Japanese Language Teachers (Japan Foundation, Japan), Long Term Training Program for Foreign Teachers of the Japanese Language (Japan Foundation, Japan), MSS International Relations.

Associate Professor

(1) Sultan Ahamed, BA Arabic Language and Literature (Bagdad) [Equivalent to MA]; (2) Md. Afzal Hossain, Ph.D., MSS, MA in Chinese Language, Yunnan University, China (Applied Linguistics); (3) Rupa Chakraborty, MA Bangla; (4) Sabrina Ahmed Chowdhury, MA English, M Phil, English Dept.; (5) Bipul Chandra Debnath, MA French (The English and Foreign Languages University, Hyderabad, India) [Equivalent to MPhil], MSc Mathematics, BEd (National University), Higher Diploma

in French, DELF (Paris), CEFP (Alliance Française); (6) Miah Mohammad Naushad Kabir, MA in ELT, Ph.D.

Assistant Professor

(1) Abdullah Rafique-um-Munir Chowdhury, MA (London), Certificate in Spanish Language Teaching (Madrid); (2) Gagaeva Kizilgioul, MA (Lumumba University); (3) Md. Nurul Islam Mujib, MA English Linguistics, PG Diploma Japanese Studies, Long Term Training Program for Foreign Teachers of the Japanese Language (Japan Foundation, Japan), Higher Diploma in Japanese; (4) Md. Monir Uddin, MA Islamic History & Culture, Ph.D. (Japan) Long Term Training Program for Foreign Teachers of the Japanese Language (Japan Foundation, Japan); (5) Jannatul Ferdous, M.A.; (6) Md. Nabinur Rahman, M.A.in Applied Linguistics & ELT.

Lecturer

(1) Shahzadi Ema, M.A.(Jawaharlal Nehru University, India), [On Education Leave]; (2) Sharmi Baroa, M.A.; (3) Jannatun Nahar, M.A. in Chinese; (4) Shamsul Karim, M.A.; (5) Sheuly Fateha, M.A. in Korean Studies; (6) Mizanur Rahman, M.A. [On Study Leave].

Part-Time teacher

(1) Professor Dr. Muhammad Fazlur Rahman, MA (Arabic); (2) Professor Dr. S.M.Imamul Huq, MSc Soil Science, MSc. (AIT Bangkok), PhD (Nancy, France); (3) Professor Dr. Kulsum Abul Bashar Majumder, MA, PhD (Bombay); (4) Md. Liakat Ali Khan, MSS, Diploma in Education, (D.U.); (5) Samia Sharmin Haque; (6) Antonova Ekaterina Evgenyevna (Germany); (7) Irin Sultana.

Honorary Foreign Teachers

(1) Ms. Maria Amparo Porta Rivas (Spanish); (2) Maria Amparo Rodrigo Mateu (Spanish); (3) Noa Alvarez Montero (Spanish); (4) Sergio Carrascoso Martinez (Spanish); (5) Miguel Vivanco Izquierdo (Spanish); (6) Mr. Mirza Wasfi Jabber (Spanish); (7) Ms. Maleeha Hafiz (Spanish); (8) Chi Yuxue (Chinese).

The following Languages and Courses were offered in the Academic year 2019-2020

SL. No.	Subject	Name of the Course
1	Arabic Language	Junior, Senior, Diploma and Higher Diploma Certificate Course in Arabic Language
2	Bengali ,,	Junior, Senior and Diploma Certificate Course in Bangla as a foreign Language
3	Chinese ,,	Junior, Senior, Diploma and Higher Diploma Certificate Course in Chinese Language
4	French ,,	Junior, Senior, Diploma and Higher Diploma Certificate Course in French Language
5	German ,,	Junior Certificate Course in German Language
6	Hindi	Junior Certificate Course in Hindi
7	English ,,	Junior and Senior Certificate Course in English Language
8	Korean ,,	Junior, Senior, Diploma and Higher Diploma Certificate Course in Korean Language
9	Japanese ,,	Junior, Senior Diploma and Higher Diploma Certificate Course in Japanese Language
10	Persian ,,	Junior Senior and Diploma Certificate Course in Persian Language
11	Spanish ,,	Junior A-1, Senior A-2, Diploma B-1 and Higher Diploma Certificate Course in Spanish Language
12	Russian ,,	Junior and Senior Certificate Course in Russian Language
13	Turkey ,,	Junior Certificate Course in Turkey Language
14	Italian ,,	Junior Certificate Course in Italian Language
15	Chinese Language and Culture	B.A. (Hons.) in Chinese Language and Culture
16	English for Speakers of other Languages	B.A. (Hons.) in English for Speakers of other Languages
17	French Language and	B.A. (Hons.) in French Language and Culture

	Culture	
18	Japanese Language and Culture	B.A. (Hons.) in Japanese Language and Culture
19	TESOL	MA in Teaching English for Speakers of other Languages
20	French Language and Culture	MA in French Language and Culture
21	Japanese Language and Culture	MA in Japanese Language and Culture
22	Chinese Language and Culture	MA in Chinese Language and Culture
23	M. Phil	Different foreign Language
24	P.hd	Different foreign Language

Total Number of students for courses mentioned above

Male -1,237	Female -1,266	Total 2,503
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Publications & Academic Activities of the IML Teachers in the session 2020-2021

Annual Statement for the Session of 2020-2021

Professor Dr. ABM Razaul Karim Faquire

Article

Faquire, Razaul Karim. Consolidating English as a medium of instruction in the education system of Bangladesh, Journal of The Asiatic Society of Bangladesh (Humanities). *The Asiatic Society of Bangladesh*, June 2021. vol.66(1), pp.43-59. ISSN 1015-6836

Presentation at the International Conference

Faquire, Razaul Karim. グローバリゼーションとリングワ・フランカとしての日本語の位置づけ (Globalization and the Status of Japanese as Lingua Franca). 『第 2 回インドネシア日本語教育学会による国際セミナー (2nd International Seminar on Japanese Studies, Language and Education)』 . *Online Conference by the Indonesian Japanese Language Education Society*. October 24, 2020. [Online presentation].

Professor Dr. Shaila Sultana Chief Editor

Sultana, S., Roshid, M., Haider, Z., Kabir, N., and Hasan, M. (2021). *The Routledge Handbook of English Language Education in Bangladesh*. London: Routledge.

Books/ Book Chapters

Sultana, S. (2021). Future directions for sociolinguistics research in Bangladesh. *On Language in Leapyear* (pp. 159-192). Dhaka: Paankouri.

Sultana, S. (2021). “Khaet” (Hick) vs. “fast” and the construction of others: Educational background and identification of university students in Bangladesh. In Sultana, S., Roshid, M., Haider, Z., Kabir, N., and Hasan, M. (Eds). *The Routledge Handbook of English Education in Bangladesh* (pp. 255-270). London: Routledge.

Sultana, S. & Roshid, M. M. (2021). English language and English language education in the multilingual ecology of Bangladesh: Past, present and future. In Sultana, S., Roshid, M., Haider, Z., Kabir, N., and Hasan, M. (Eds). *The Routledge Handbook of English Education in Bangladesh* (pp. 1 – 14). London: Routledge.

Khan, M. H. & **Sultana, S.** (2021). A critical exploration of private university students' approach toward English as a medium of instruction in Bangladesh. In **Sultana, S.,** Roshid, M., Haider, Z., Kabir, N., and Hasan, M. (Eds). *The Routledge Handbook of English Education in Bangladesh* (pp. 284-297). London: Routledge.

Sultana, S. (2020). TV advertisements in the mediascape of Bangladesh: A disjuncture between the realities of the emerging 'transsemiotic' arena and the language policies in practice. *Language, Digital Communication and Society* (pp. 39-72). Oxford: Peter Lang.

Journal Article

Khan, R., Jahan, A., **Sultana, S.,** Naushaad Kabir, M. M., Haider, M. Z., & Roshid, M. M. (2021). Accessing online instruction amidst COVID-19 in Bangladesh: Barriers and coping strategies. *Language Teaching Research Quarterly*, 22, 33-48.

Sultana, S. (2021). Indigenous ethnic languages in Bangladesh: Paradoxes of the multilingual ecology. *Ethnicities*, 1-26. DOI: 14687968211021520.

Sultana, S. & Bolander, B. (2021). English in a multilingual ecology: "structures of feeling" in South and Central Asia. *Multilingua*, <https://doi.org/10.1515/multi-2020-0141>

Professor Dr. Mohammed Ansarul Alam

Academic Qualification: Masters & PhD in Japanese Language Education (Japan), Post-Doctoral Fellow (Japan).

Research Article

1. আন্তঃসাংস্কৃতিক যোগাযোগ দক্ষতা বৃদ্ধিতে জাপানে বসবাসরত বাংলাদেশীদের বাস্তব অভিজ্ঞতা থেকে তৈরি পাঠ উপকরণের পর্যালোচনা। *Journal of the Institute of Modern Languages*. University of Dhaka. Vol

- 30: 25-42. 2020. (Language: Bengali)
2. শিক্ষার্থীদের বাস্তব অভিজ্ঞতা ও চাহিদার আলোকে বাংলায় রচিত ও অনুদিত জাপানি ভাষাশিক্ষার পাঠ উপকরণের পর্যালোচনা। In Bhattacharja, S. & Kabir, M.M.N. (Eds.) *On Language in Leapyear* (pp 193-214). Dhaka: Institute of Modern Languages. 2020.(Language: Bengali)
3. Japanese Language Education in Bangladesh -Recent Developments and Challenges-. In A. Shyam (Ed.) *Japanese Language Education in South Asia -Issues & Challenges-* (pp 14-38). Hyderabad: The EFL University Press. 2020.(Language: English)

Presentations (all Virtual)

1. On "Japanese Language Education in Bangladesh -focusing on NEW NORMAL situation-"at the 3rdInternational Conference on Japanese Language Education in South Asia, The English and Foreign Languages University, Hyderabad, India on 7-8th November 2020.
2. On "An Experimental Use of Case Materials Prepared for Bangladeshi Learners -Focusing on Appropriateness of Supporting Materials-"at the 3rdInternational Conference on Japanese Language Education in South Asia, The English and Foreign Languages University, Hyderabad, India on 7-8th November 2020.
3. On "Japanese Language Education at the University of Dhaka - Issues to be Addressed-"at the International Conference (Japanology in New Era), Dept. of Japanese Studies at University of Dhaka on 28-29thJanuary 2021.
4. On "An Experiment on Changing Bangladeshi University Students' Viewpoint through Case Learning -from the Scenario of the 'Japanese for Special Purpose' Course at the University of Dhaka-"at the 27thPrinceton Japanese Pedagogy Forum, Princeton University, USA on 8th May 2021.

Special Lectures (all Virtual):

1. On "Present Situation of Bangladesh in the COVID-19 Pandemic" at LiTA Web Seminar, Japan on 15th November 2020.

2. On “Prospect of the Research in the Field of Japanese Language Education in Bangladesh” at the Virtual Seminar organized by the Society for Teaching Japanese as a Foreign Language, Japan on 20th March 2021.

Rupa Chakraborty

Associate Professor

Publication

ফেব্রুয়ারি ২০২১, “বাংলাদেশে আবৃত্তিচর্চা”, আবৃত্তি-ভুবন, সম্পাদনা জগন্নাথ বসু, লালমাটি প্রকাশনা, ৩ শ্যামাচরণ দে স্ট্রিট, কলকাতা, ৭০০০৭৩

Sabrina Ahmed Chowdhury

Associate Professor

Publication

1. Student Anxiety in Speaking: A study of English Language Courses at the University of Dhaka, THT Journal: The Journal for Teachers Helping Teachers, vol.8, no.1, pp.6-21, 2020 .
2. Teaching Pronunciation in the English Language Courses at the University of Dhaka, The Dhaka University Journal of Linguistics (DUJL) , vol.12 , no.1 , pp.117-134 , 2021

Dr. Miah Mohammad Naushad Kabir

Associate Professor

Publication: Books

1. 2021 : Co-edited with Shaila Sultana, M. Moninoor Roshid, Md. Zulfeqar Haider, & Mahmud Hasan Khan (2021). *The Routledge Handbook of English Language Education in Bangladesh*. UK: Routledge. <<https://www.routledge.com/The-Routledge-Handbook-of-English-Language-Education-in-Bangladesh/Sultana-Roshid-Haider-Kabir->

Khan/p/book/9780367405755> ISBN 9780367405755 (January, 2021)

2. 2021 : Co-edited with Shirshir Bhattacharja. *On Language In Leapyear*. (2020). Dhaka: Institute of Modern Languages, University of Dhaka. ISBN: 978-984-34- 9551-8. (January, 2021)

Articles

1. **2021:** Co-authored with Rubina Khan, Akhter Jahan, Shaila Sultana, Md. Zulfeqar Haider, & M. Moninoor Roshid, an article title ‘Accessing Online Instruction amidst COVID-19 in Bangladesh: Barriers and Coping Strategies Language’ in *Teaching Research Quarterly*, Vol 22, 33-48. doi: 10.32038/Itrq.2021.22.03 (25 June, 2021)
2. **2021:** A book chapter title ‘Literature in Language Teaching: The Myths and the Realities in Bangladesh’ (pp.202-219). In Sultana, S., Roshid, M.M., Haider, M. Z. Kabir, M. M. N., & Khan, M. H. (Eds.). (2021) *The Routledge Handbook of English Language Education in Bangladesh*. UK: Routledge. (January, 2021)
3. **2021:** Co-authored with Mahmud Hasan Khan and Md. Zulfeqar Haider, a book chapter titled ‘Lessons from the Past and the Future Directives for English Language Education in Bangladesh’ (pp. 411-420). In Sultana, S., Roshid, M. M., Haider, M. Z. Kabir, M. M. N., & Khan, M. H. (Eds.) (2021). *The Routledge Handbook of English Language Education in Bangladesh*. UK: Routledge. (January, 2021)

Educational activities

BECAME TEACHER IN CHARGE (TIC) HEAD OF THE DEPARTMENT OF ENGLISH LANGUAGE ON 1 JULY, 2021.

Sheuly Fateha

Lecturer

Publication

A Comparative study on Honorific System between Bengali and Korean Language, Journal of the Institute of Modern Languages, Vol-30, PP: 177-193, 2020.

Institute of Health Economics (1998)

Director

Dr. Nasrin Sultana, MSS, Ph.D.

Professor

(1) Syed Abdul Hamid, MSS, M SC (York), Ph.D. (Sheffield); (2) Nahid Akhter Jahan, MSS, M.Sc. (York); (3) Nasrin Sultana, MSS, Ph.D.; (4) Sharmeen Mobin Bhuiyan, MSS; Ph.D.

Associate Professor

(1) Taslima Rahman, MSS, MHE [study leave]; (2) Shafiun Nahin Shimul, MSS, MHE, Ph D; (Nebraska Lincoln).

Assistant Professor

(1) Rafia Rahman, MBBS, MPH; (2) Israt Jahan Kakoly, MSS, MSS (Carlton); (3) K. M. Nafiz Ifteakhar Tulan, MSS; (4) Farah Ishaq, MSS, MSc (Manchester); (5) Md. Azhar Uddin, MSS [study leave].

Lecturer

(1) Refaya Rashmin, MSS, MSc (Oxford) [study leave]; (2) Israt Tahira Sheba, MSS; (3) Moriam Khanam, MSS; (4) Ragaul Azim, MSS; (5) Dr: Faojia Sultana, MBBS, MPH; (6) Dr: Aninda Nishat Moitry , MBBS, MPH; (7) Suzana Karim, MSS [study leave]; (8) Moin Uddin Ahmed, MSc (Stockholm) [study leave]; (9) Zobaida Ahmed Piu, MSS [study leave]; (10) Krishna Roy Chowdhury, MSS, MSc (McGill); (11) Afrida Tasnim MSS; (12) Fariha Kadir MSS.

Honorary Professor

Professor Shamsuddin Ahmad, M A, MS (McMaster), Ph D (Monash).

Number of Students

Name of Course and Session		Numbers
BSS (Hons), 2019-20	First Year	77
BSS (Hons), 2018-19	Second Year	77
BSS (Hons), 2017-18	Third Year	65
BSS (Hons), 2016-17	Fourth Year	58
BSS (Hons), 2015-16	Masters	48
Ph D		04

Examination Results

Name of Course and Session	No. of Examinees	Year	CGP A 3.75 and above	CGP A 3.74-3.50	CGP A 3.49-2.00	Pas sed	Perce ntage of Pass
BSS (Hons), 2015-16	48	Mast ers	No Exam because of Covid' 19				
BSS (Hons), 2016-17	58	Four th	02	06	39	47	100%
BSS (Hons), 2017-18	71	Thir d	No Exam because of Covid' 19				
BSS (Hons), 2018-19	77	Seco nd					
BSS (Hons), 2019-20	77	First					

Book Publications

Dr. Rafia Rahman

"Health Economics and Public Health" SHINEEKS publisher, USA, March, 2021.

"*Insights into Economics and Management*" (Chapter 1) British Publisher International, UK, Vol. 9, 5 May, 2021.

Article

Moriam Khanam

Hasan, E., **Khanam, M.**, & Shimul, S. (2020) Socioeconomic Inequalities in Overweight and Obesity among Women of Reproductive Age in Bangladesh: A Decomposition Approach. *BMC Women's Health*. 20 (263). <https://doi.org/10.1186/s12905-020-01135-x>, November 2020.

Khanam, M., Hasan, E. & Sarker, A.R. (2021). Prevalence and Factors of Hypertension Among Bangladeshi Adults. *High Blood Pressure & Cardiovascular Prevention* 28, 393–403. <https://doi.org/10.1007/s40292-021-00461-x>, May 2021.

Shafiun Nahin Shimul

Hussain, A. K. M., Rouf, A. S. S., Shimul, S. N., Nargis, N., Kessaram, T. M., Huq, S. M., ... & Drope, J. (2020). The Economic Cost of Tobacco Farming in Bangladesh. *International Journal of Environmental Research and Public Health*, 17(24), 9447.

Hasan, E., Khanam, M., & Shimul, S. N. (2020). Socio-economic inequalities in overweight and obesity among women of reproductive age in Bangladesh: a decomposition approach. *BMC Women's Health*, 20(1), 1-11.

Águas, R., Mahdi, A., Shretta, R., Horby, P., Landray, M., & White, L, CoMo Consortium(....., Shimul) (2021). Potential health and economic impacts of dexamethasone treatment for patients with COVID-19. *Nature communications*, 12(1), 1-8

Institute of Information Technology (2001)

Director

Dr. Mohammed Shafiul Alam Khan, M.S. Ph.D. (UK)

Professor

(1) Zerina Begum, M.S., M Phil, Ph.D; (2) Mohd. Zulfiqar Hafiz, M.S; (3) Md. Mahabubul Alam Joarder, M.S., Ph.D. (Japan ; (4) Kazi Muhaymin-Us-Sakib, M.S, Ph. D (Melbourne); (6) Md. Shariful Islam, M.S. Royal Institute of Technology (KHT), Sweden, Ph.D., (South Korea); (6) Dr. Mohammad Shoyaib, M.S, Ph.D. (South Korea).

Associate Professor

(1) B.M. Mainul Hossain, M.S., Ph.D. (illinois, USA); (2) Naushin Nower, M.S., Ph.D. (Japan Institute of Advance Science and Technology, Japan); (3) Sumon Ahmed, M.S. Ph.D.(UK); (4) Shah Mostafa Khaled M.S., M.S (Canada) [on study leave].

Assistant Professor

(1) Rezvi Shahriar, M.S. [on study leave]; (2) Muhammad Nurul Ahad Tawhid, M.S. [on study leave]; (3) Emon Kumar Dey, M.S. [on study leave]; (4) Ahmedul Kabir, M.S. Ph.D.(USA); (5) Sheikh Muhammad Sarwar, M.S. [on study leave]; (6) Alim Ul Gias, M.S. (on study leave); (7) Rayhanur Rahman, M.S. [on study leave]; (8) Asif Imran, M.S. [on study leave]; (9) Amit Seal Ami, M.S. [on study leave]; (10) Md. Saeed Siddik, M.S.[on study leave].

Lecturer

(1) Nadia Nahar, M.S.[on study leave]; (2) Abdus Satter; (3) Kishan Kumar Ganguly.

Number of Students

Bachelor of Science in Software Engineering (BSSE)

Total Students: 35

Master of Science in Software Engineering (MSSE)

Total Students: 10

Doctor of Philosophy (Ph.D)

Total Students: 01

Result of BSSE Examination

Session	Examinee	Passed	Percentage
2020-2021	31	31	100%

Result of MSSE Examination

Session	Examinee	Passed	Percentage
2020-2021	11	11	100%

List of Publications: Academic Session 2020 - 2021

1. Md. Abdullah-Al-Shafi, **Md. Shariful Islam**, Ali Newaz Bahar "5-Input majority gate based optimized full adder circuit in nanoscale coplanar quantum-dot cellular automata", International Nano Letters, vol. 10, pp 177 – 195 (2020) (Springer)
2. Md. Iftekharul Amin, **Md. Shariful Islam, Mohammed Shafiul Alam Khan** "Analyzing the Factors Affecting the Adoption of Online Banking Among the Consumers of Dhaka City Using Technology Acceptance Model (TAM)", Journal of Business Administration, vol 41(1), pp. 110-145 (2020)
3. Nishat Tasnim Niloy, **Md. Shariful Islam**, "IntellCache: An Intelligent Web Caching Scheme for Multimedia Contents", in proceedings of 9th ICIEV, Japan, 2020
4. Jamilur Rahman, Md. Iftekharul Amin, **Mohammed Shafiul Alam Khan**. "A New Approach to Scrutiny of the TLS Implementation", Bangladesh J. Sci. Res. 31-33(1): pp 42 - 48, 2020
5. Abu Rafe Md Jamil and **Naushin Nower**. " A Comprehensive Analysis of Reward Function for Adaptive Traffic Signal Control" Knowledge Engineering and Data Science Journal, Vol. 4 No. 2, 2021.
6. Abu Rafe Md Jamil, **Kishan Kumar Ganguly**, and **Naushin Nower**. "Adaptive traffic signal control system using

composite reward architecture based deep reinforcement learning." IET Intelligent Transport Systems 14.14 (2021): 2030-2041.

7. **Naushin Nower**, "Supporting Audio Privacy in Emerging IoT Environment", International Journal of Wireless and Microwave Technologies (IJWMT), 2021
8. **Tawhid, M.N.A.**, Siuly, S. and Wang, H., 2020. Diagnosis of autism spectrum disorder from EEG using a time–frequency spectrogram image-based approach. Electronics Letters, 56(25), pp.1372-1375.
9. Syed Fatiul Huq, Md. Aquib Azmain, **Nadia Nahar, Md. Nurul Ahad Tawhid**, 2020. On the Evolutionary Properties of Fix Inducing Changes. 8th International Workshop on Quantitative Approaches to Software Quality 2020 (QuASoQ), 2767, pp.13-20
10. **Tawhid, M.N.A.**, Siuly, S., Wang, H., Whittaker, F., Wang, K. and Zhang, Y., 2021. A spectrogram image based intelligent technique for automatic detection of autism spectrum disorder from EEG. Plos one, 16(6), p.e0253094.
11. Moumita Asad, Rafed Muhammad Yasir, Shihab Shahriar, **Nadia Nahar, Md Nurul Ahad Tawhid**, 2021. Analyzing Program Comprehensibility of Go Projects, 2021, pp.255-260
12. **Abdus Satter**, "ABMMRS Eradicator: Improving Accuracy in Recommending Move Methods for Web-based MVC Projects and Libraries Using Method's External Dependencies." International Journal of Software Engineering and Knowledge Engineering, Vol. 30, No. 09, PP: 1289-1307, October, 2020, World Scientific
13. Atish Kumar Dipongkor, Rayhanul Islam, **Nadia Nahar**, Iftekhar Ahmed, **Kishan Kumar Ganguly**, S.M. Arif Raian,

- Abdus Satter**, "Reduction of Multiple Move Method Suggestions Using Total Call-Frequencies of Distinct Entities". International Journal of Information Engineering and Electronic Business (IJIEEB), Vol.12, No.4, PP. 21-29, August 2020, Modern Education and Computer Science Press.
14. Moumita Asad, **Kishan Kumar Ganguly**, and **Kazi Sakib**, "Combined similarity based automated program repair approaches for expression level bugs," in Evaluation of Novel Approaches to Software Engineering, Revised Selected Papers, Communications in Computer and Information Science, Vol. 1375.Springer, 2020, pp. 311–335
 15. Toukir Ahammed, Moumita Asad and **Kazi Sakib**, "Understanding the Relationship between Missing Link Community Smell and Fix-inducing Changes", In Proceedings of the 16th International Conference on Evaluation of Novel Approaches to Software Engineering – ENASE, 469-475, 2021.
 16. Toukir Ahammed, Moumita Asad, **Kazi Sakib**. "Understanding the Involvement of Developers in Missing Link Community Smell: An exploratory Study on Apache Projects", In proceedings of the 8th International Workshop on Quantitative Approaches to Software Quality (QuASoQ20) co-located with 27th Asia-Pacific Software Engineering Conference (APSEC 2020) Singapore, December, 2020, pp: 64 – 70.
 17. Rayhanul Islam, **Abdus Satter**, Atish Kumar Dipongkor, **Md. Saeed Siddik**, **Kazi Sakib**. "A Novel Approach for Converting N-Dimensional Dataset into Two Dimensions to Improve Accuracy in Software Defect Prediction", *Journal of Software*, Vol: 15, No. 6, pp: 147 - 162, 2020
 18. S. Mahmud, M.T.H Tonmoy, K.K. Bhaumik, AKM Rahman, M.A. Amin, **M. Shoyaib**, A.H.K and A.A. Ali, "Human Activity Recognition from Wearable Sensor Data using Self-Attention", 24th European Conference on Artificial Intelligence (ECAI), Spain, 2020 (**CORE rank A**). [Submitted on 17 Mar 2020]
 19. Md. Masudur Rahman, **Abdus Satter**, **B M Mainul Hossain**, "An Empirical Study on Stack Overflow Security Vulnerability in Well-known Open Source Software Systems". International Journal of Computer Applications. Vol. 176, No. 39, 2020
 20. Afia Sajeeda, Shahla Shaan Ahmed and **B M Mainul Hossain**, "Bangla Missing Data Imputation using HexaGAN Framework", ICCIT 2020 The 23rd International Conference on Computer and Information Technology. December 19-21, Dhaka, Bangladesh, 2020
 21. Akhter, Suravi, Sadia Sharmin, **Sumon Ahmed**, Abu Ashfaqur Sajib, and **Mohammad Shoyaib**. "mRelief: A Reward Penalty Based Feature Subset Selection Considering Data Overlapping Problem." In International Conference on Computational Science, pp. 278-292. Springer, Cham, 2021. (**CORE rank A**)
 22. Asadullah Hill Galib and **B M Mainul Hossain**, "Significant API Calls in Android Malware Detection." The 32nd International Conference on Software Engineering & Knowledge Engineering (SEKE), Pittsburgh, USA : 2020 .
 23. Afia Sajeeda, Shahla Shaan Ahmed and **B M Mainul Hossain**, "A Step towards Text Generation in Bangla Language Using Generative Adversarial Network", 6th ICERIE : International Conference on Engineering Research, Innovation and Education, To be held : Sylhet, Bangladesh, February 26-28, 2021
 24. Shihab Shahriar Khan, Nishat Tasnim Niloy, Md. Aquib Azmain and **Ahmedul Kabir**, "Impact of Label Noise and Efficacy of Noise Filters in Software Defect Prediction", In Proceedings of the 32nd International Conference on Software Engineering

- & Knowledge Engineering (SEKE 2020), Pittsburgh, USA, July 2020.
25. Fazle Rabbi, Md. Nazmul Haque, Md. Eusha Kadir, **Md. Saeed Siddik** and **Ahmedul Kabir**, " An Ensemble Approach to Detect Code Comment Inconsistencies using Topic Modeling", In Proceedings of the 32nd International Conference on Software Engineering & Knowledge Engineering (SEKE 2020), Pittsburgh, USA, July 2020.
26. Ishtiaque Hussain, Ahmed Shamim Hasan, Rafed Muhammad Yasir, **Ahmedul Kabir** and Syed Ishtiaque Ahmed, "How Well Does Undergraduate Education Prepare Software Engineers? Perspectives of Practitioners in Bangladesh," IEEE 32nd Conference on Software Engineering Education and Training (CSEE&T), Munich, Germany, Nov 2020, pp. 1-10, DOI: 10.1109/CSEET49119.2020.9206232.
27. **Abdus Satter**, "A Context Based Approach for Recommending Move Class Refactoring", 2020 27th Asia-Pacific Software Engineering Conference (APSEC)
28. Md A Aquib Azmain, and **Kishan Kumar Ganguly**. "Automated Repair of Asymmetric Web Pages during Resolution of Mobile Friendly Problems." International Conference on Evaluation of Novel Approaches to Software Engineering. Springer, 2021.

Institute of Energy (1981/2011)

Director

Saiful Huque, M.Sc, Ph.D.

Professor

Saiful Huque, M.Sc, Ph.D.

Assistant Professor

- (1) S M Nasif Shams, M.Sc (Dublin City University, Dublin, Ireland), Ph.D (Dublin Institute of Technology, Dublin, Ireland); (2) Abu Shahadat Md. Ibrahim, M.S.

Lecturer

Himangshu Ranjan Ghosh, M.Sc, Ph.D.

Part-Time Teacher

- (1) Dr. Md. Habibur Rahman, Professor, Department of Electrical & Electronic Engineering, University of Dhaka; (2) Md. Mahidul Haque Prodhan, Assistant Professor, Department of Nuclear Engineering, University of Dhaka.

Student Enrollment

Course Title: MS in Renewable Energy Technology (RET)

Session	No. of students	Total Student
2019 - 2020	40 (MRET)	86
	46 (PMRET)	

Examination results:

Session	No. of Examinee	Total Passed	Percentage
2019-2020 (1st Semester)	38 (MRET)	36	94.74%
	45 (PMRET)	42	93.33%

Activities of the Institute

- Institute of Energy, University of Dhaka, GreenTech Foundation and Bangladesh Solar Energy Society jointly organized a virtual seminar entitled '20th National Renewable Energy Green Expo-2020' on 24-25 June, 2020. The main topic of the seminar was "**Sustainable Energy for Climate Actions: Bangladesh Perspective during Covid-19 Pandemic**". Hon'ble Prime Minister's Adviser on Private sector Industry and Investment Minister Mr. Salman F. Rahman was present as the Chief Guest and Hon'ble Vice-Chancellor, University of Dhaka Prof. Dr. Md. Akhtaruzzaman presided the seminar.

2. A Learning Sharing Virtual Workshop on ***“Improved Cookstove (ICS) nexs Un/Under Used Biomass & Faecal Sludge Mixed Briquette (FSmB) Market Study”*** jointly organized by SNV Netherlands Development Organisation and Practical Action Bangladesh. This virtual workshop was held on 28 September, 2020. Mohammad Alauddin, Chairman (Additional Secretary), Sustainable and Renewable Energy Development Authority (SREDA), was present at the workshop as the Chief Guest. Prof. Dr. Saiful Huque, Director, Institute of Energy, University of Dhaka participated in the workshop.
3. GreenTech Foundation Bangladesh in collaboration with United Nations Global Compact & UN Sustainable Development Solutions Network (SDSN) organized a discussion session on ***“Mapping the Renewable Energy Sector to the UN Sustainable Development Goals: Showcase Bangladesh”*** was held on 30 September 2020 in virtual mode. Prof. Dr. Saiful Huque, Director of the institute participated in this session.
4. In a virtual seminar entitled ***“Fire Resistance Steel Structure Solution for Industries Building”*** organized by Bangladesh Green Building Academy on October 9, 2020. Director of the institute Prof. Dr. Saiful Huque participated in the program.
5. Bangladesh Standards and Testing Institution (BSTI) organized a program entitled ***“Bangabandhu's dream for industrial development: The role of 'values' in building a safe and sustainable world (শিল্পখাতের উন্নয়নে বঙ্গবন্ধুর স্বপ্ন: নিরাপদ ও টেকসই পৃথিবী গড়তে 'মান' এর ভূমিকা)”*** was held on 14 October, 2020. Hon'ble Industries Minister Mr. Nurul Majid Mahmud Humayun MP was present as the Chief Guest and Hon'ble State Minister Mr. Kamal Ahmed Majumder MP was present as the Special Guest. Mr. K M Ali Azam, Secretary, Ministry of Industries and Mr. Sheikh Fazle Fahim, President, FBCCI also present. . Director of the institute Prof. Dr. Saiful Huque participated in the program.
6. Sustainable and Renewable Energy Development Authority (SREDA) of the Ministry of Power, Energy and Mineral Resources organized ***“A half-day consultation workshop on the draft National Solar Energy Road Map: 2021-2041”*** was held on 8 November, 2020 at SREDA Conference Hall. Mohammad Alauddin, Chairman, SREDA Chaired the session. Prof. Dr. Saiful Huque, Director, Institute of Energy participated in the workshop.
7. Sustainable and Renewable Energy Development Authority (SREDA) of the Ministry of Power, Energy and Mineral Resources organized ***“A Working Group Meeting on Q-Control and Power Factor Penalties Assessment and Mitigation and Technical Implications of Distribution Grid-connected Solar IPPs with Case Study of Mongla Floating Solar PV”*** was held on 10 November, 2020 at online platform. Mr. Mohammad Alauddin, Chairman, SREDA Chaired the session. Prof. Dr. Saiful Huque, Director of the institute participated in the Meeting.
8. United International University, Dhaka and Practical Action Bangladesh jointly organized a virtual knowledge sharing workshop on ***“Modern Energy Cooking System”***. This virtual workshop will be held on 19 November 2020. Mr. Mohammad Alauddin, Chairman (Additional Secretary), Sustainable and Renewable Energy Development Authority (SREDA), Power Division, Ministry of Power, Energy and Mineral Resources was present at the workshop as the Chief Guest. Prof. Dr. Saiful Huque Director of the institute participated in the workshop.
9. The United States Agency for International Development (USAID) organized a program entitled ***“Advanced Energy Systems: Grid Integration of Variable Renewable Energy and Flexibility Solutions Webinar Series”*** was held on 8-9 and 13-14

December, 2020. Prof. Dr. Saiful Huque, Director of the institute participated in this program.

10. SNV Netherlands Development Organisation and GIZ in collaboration with Practical Action organized a program entitled “*Exposure Visit and Inauguration Ceremony of Briquette Production Centre at Jhenaidah*” was held on 22 June, 2021 at Aid Complex, Jhenaidah or virtually conducted using the Microsoft Teams platform. Mst. Khaleida Khanam, Honourable Member of Parliament (MP) was present at the ceremony as a chief guest. Mrs. Salima Jahan, Joint Secretary & Member – Renewable Energy, SREDA, MPEMR, Mr. Saidul Karim Mintu, Honourable Mayor of Jhenaidah Municipality and Mr. Henrik Personn, Project Leader, EnDev Bangladesh were present as Special Guests. Dr. Sue Ellis, Country Director, Bangladesh, SNV Netherlands Development Organisation, presided the program. Prof. Dr. Saiful Huque, Director, Institute of Energy participated in this program.

Activities as a consultant

Institute of Energy, University of Dhaka also consults with various organizations on solar energy in setting up RE power plants, developing and implementing projects.

Energy Park (Outdoor Lab)

Energy Park is being used as an outdoor lab for teachers, researchers and students of this Institute and all departments of University of Dhaka. Energy Park is also open to the public during university office hour to showcase the use of renewable energy technology.

Installation of Solar PV plant:

Institute of Energy, University of Dhaka and Bengal Solar Bangladesh is working to install 3.5 MW Solar PV Power Plant on the roofs of different buildings of the university campus. The DPDC / Ministry of Power is in the process of fixing the Tariff.

Publications

1. Ali Ahmad, Md. Abdullah Al Mamun, Md. Al-Mamun, Saiful Huque and Mohammad Ismail “*LFO Perovskites as Oxygen Carriers for Chemical Looping Oxygen Uncoupling (CLOU)*” Journal of Thermal Analysis and Calorimetry, 2020.
2. Gour Chand Mazumder, S M Nasif Shams, Md. Habibur Rahman and Saiful Huque, “*Production of Green Hydrogen in Bangladesh and its Levelized Cost*”, Dhaka University Journal of Applied Science and Engineering, 2021.

Institute of Leather Engineering and Technology (1947)

Director

Professor Dr. Mohammed Mizanur Rahman

Professor

(1) Md. Abdul Mottalib, B.SC (Hon's), M.Sc. (JU), Ph.D. (JU).

Associate Professor

(1) Mr. Uttam Kumar Roy, B.Sc. in Mechanical Engineering (CUET), M. Engineering (A.E.M) (BUET); (2) Mr. Sobur Ahmed, B.Sc. in Leather Technology, Pg. in Footwear Technology and Management (M.Sc. equivalent), FDDI, India, Ph.D. (Continuing); (3) Mr. Md. Forhad Ali, B.Sc. (Hon's), M.Sc. (RU), Ph.D. (Continuing).

Assistant Professor

(1) Mr. Fatema-Tuj-Zohra, B.Sc. in Leather Technology, Pg. in Footwear Technology and Management (M. Sc. equivalent), FDDI, India, Ph.D. (Continuing); (2) Mr. Amal Kanti Deb, B.Sc. in Leather Technology, M.Phil. in Applied Chemistry & Chemical Engineering [Study leave]; (3) Mr. Noor Mohammad, B.Sc. in Leather Technology, M. Sc. in Design and Manufacturing (Footwear Design), De 'Montfort University, England; (4)

Mrs. Umme Habiba Bodrun Naher, B. Sc. in Leather Technology, Diploma in Leather Goods Manufacture (IILP, India); (5) Dr. Abdulla Al Mamun, B. Sc. in Leather Technology, M. Sc. in Chemistry and Bio-Science; Ph.D. and Post-Doctoral Research Associate, Khagoshema University, Japan; Project Researcher in Tokyo University, Japan; (6) Mr. Salauhuddin Haolader, B. Sc. (Physics); M. Sc. (Physics); (7) Dr. Manjushree Chowdhury, B. Sc. in Leather Technology; Ph.D. in Environmental Science (RU); (8) Mr. Md. Rashed-Ul-Islam, B.Sc. in Leather Engineering, M. Sc. in Applied Chemistry and Chemical Engineering, MBA (Finance).

Lecturer

(1) Mr. Md. Shakaawat Hossain, B. Sc. (Hon's), M.Sc. (National University); (2) Mr. Mahbubur Rahman Khan, B.S (Honor's), M.S in Mathematics; 3. Mr. Tusher Sharder, B. Sc. (Honor's), M.S in Applied Mathematics; (4) Mrs. Etee Kawna Roy, B.Sc. in Applied Physics, Electronic and Communication Engineering, M.Sc.in Electrical and Electronic Engineering [Study leave]; (5) Mr. Rayhanul Islam, B.Sc. in Software Engineering (I.I.T), DU; M. Sc. in Software Engineering (I.I.T); (6) Mr. Abdul Muktedir, B.Sc. in Leather Products Engineering, M.Sc. in Advanced Engineering, BUET; (7) Mr. Amjad Hossan, B.Sc. (Chemistry); M. Sc. (Inorganic Chemistry); (8) Mr. Md. Rayhan Sarker, B. Sc. & M. Sc.; (9) Mrs. Kawsar Akhter, B. Sc. & M. Sc.; (10) Mrs. Mst. Sharmin Akhter, B. Sc. & M. Sc.; (11) Mrs. Razia Sultana, B. Sc. & M. Sc.; (12) Mr. Mukter Alam, B. Sc. & M. Sc.; (13) Mr. Md. Adib Hossen Chisty, B. Sc. & M. Sc.; (14) Mr. Mohammad Khan, B.Sc.(BUET) & M.S. (USA); (15) Mr. Md. Delwar Hossen, B.Sc. & M. Sc.; (16) Mr. Md. Saidur Rahman Shakil, B.Sc. & M. Sc.; (17) Mr. Md. Arafat Hossen, B.Sc. & M. Sc.; (18) Mrs. Sanzida Haque Rimu, B. Sc. & M. Sc. (MBSTU).

Foreman (Lecturer equivalent)

Mr. Md. Ali Muztaba, B. Sc. in Leather Technology, Diploma in Leather Goods Manufacturer (IILP, India).

Research works of teachers

Publications

S. L.	Name of Teachers	Time table of thesis	Subject of thesis
1	Mr. Uttam Kumar Roy, B.Sc. in Mechanical Engineering (CUET), M. Engineering (A.E.M) (BUET).	July,2020, Jun, 2021	1.S.K. Banik, 2. T.E. Nsfis, 3. U.K. Roy & M.S. Islam : Leather lime fleshing waste: A potential sources of biodiesel , OP-C 13, pp-41, International Conference on Science and Technology for Celebrating the Birth Centenary of Bangabandhu (ICSTB-2021), BCA 2021 : 6 Th Conference of Bangladesh Crystallographic Association, Day 2, 12 March 2021(Friday), Time : 14:30-16:27
2	Mr. Md. Forhad Ali, B.Sc. (Hon's), M.Sc. (RU), P.hD (DU, Continuing).	2020-2021	1. Title: Manufacturing of Novelty Leather from Sheep Stomach Md. Farhad Ali , Md Tanjid Ahmed Zahid and Tanvir Siddike Moin International Journal of Scientific & Engineering Research Volume 11, Issue 10, October-2020 ISSN 2229-5518 2. Title: Assessment of Typical Heavy Metals in Bangladeshi Tannery

			<p>Workers' Hair Md. Farhad Ali1*, Nadim Khan² and Md Tanjid Ahmed Zahid³ International Journal of Research and Innovation in Applied Science (IJRIAS) Volume V, Issue IX, September 2020 ISSN 2454-6194 3. Title: IDENTIFYING THE CAUSES OF FOOTWEAR REJECTION AND DEVisING BETTER SOLUTION FOR THE IMPROVEMENT OF FOOTWEAR QUALITY Farhad Ali, *Mukta Rani Sarkar and Arafat Hossain International Journal of Current Research Vol. 12, Issue, 09, pp.13693- 13698, September, 2020 4. Title: Investigating the peeling strength of resin & crepe rubber when attached to leather by means of solvent-based adhesives. Md. Farhad Ali, Md Tanjid Ahmed Zahid, Tama Rani Sarker* and Tanvir Siddike Moin International Journal of Scientific & Engineering Research Volume 11,</p>
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			<p>Issue 10, October-2020 ISSN 2229-5518 5. Title: Eco-friendly Treatment of Green Banana Fiber in compared to Chemical Treatment Md. Farhad Ali Journal of Materials and Environmental Science Volume 12, Issue 6, June- 2021 ISSN 2028-2508 6. Title: A Comparative Study on Physical Properties of Bag and Lining Leather from Two Different Origins Md. Farhad ALI1 , Mahbub KAMAL²*IOSR Journal of Environmental Science, Toxicology and Food Technology (IOSR- JESTFT) e-ISSN: 2319- 2402,p- ISSN: 2319- 2399.Volume 15, Issue Ser. II (March 2021) 7. Title: Physico- Mechanical Properties of Treated Chicken Feather- Reinforced Unsaturated Polyester Resin Based Composites Md. Farhad Ali1 , a, Md. Sahadat Hossain^{2,b}, Tanvir Siddike Moin^{1,c}, Samina Ahmed^{3,d} and A.M. Sarwaruddin Chowdhury⁴Nano</p>
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			Hybrids and Composites Submitted: 2021-01-04 ISSN: 2297-3400, Vol. 32, pp 73-848. Title: Fabrication and characterization of eco-friendly composite materials from natural animal fibers Author links open overlay panel Md. FarhadAlia Md. SahadatHossainb SaminaAhmedbc A.M.Sarwaruddin Chowdhuryd
3	Mr. Noor Mohammad, B.Sc. in Leather Technology (DU), M.Sc. in Design and Manufacturing (Footwear Design), De 'Montfort University, England.	Jun, 2021	Manual: Compliance – Act and Guidelines for Tanneries. Published by: BFLLEA & LSBPC, Ministry of Commerce, Bangladesh.
4	Mr. Md. Delwar Hossen, B. Sc. & M. Sc. (DU)	22 December, 2020	Quality assessment of shoe leather based on strength and comfort roeoptles collected from dilfexent footwear and leather industries in Bangladesh.

Number of Students

- A) B. Sc. Total Sits: 150
- B) Only the number of Students studying in Session 2020-2021 Admitted (With Re-Admission)

Description	Only the number of Students studying in Session 2020-2021 Admitted (With Re-Admission)								
	1 st Year		2 nd Year		3 rd Year		4 th Year		Total Students
	Students	Students	Students	Students	Students	Students	Students	Students	Students
Total =	108	31	119	39	119	27	87	31	561
	-	-	-	-	-	-	-	-	561

2. In other Stages :

Degree	Only the number of Students studying in Session 2020-2021 Admitted (With Re-Admission)		
	Students	Students	Total Students
B. Sc.	433	128	561
M. Sc. (1 st Semester)	95	23	118
M. Sc. (2 nd Semester)	52	15	67
Total Students =			746

Co-curriculum Activities

Students from Dhaka University will be seen participating in the following activities from July 01, 2020 to June 30, 2021

Industrial Visit

The students of the 3rd year and 4th year of Leather, Footwear and Products Engineering of this institute went to visit different Leather, footwear and leather Products industry like Apex, Picard, FB, Escort industry and enrich their knowledge.

Picnic

Last year, no students went to visit picnic in anywhere due to Covid-19 crisis.

New recruitment and contact program for new students

Institute of the 1st year B.Sc. in Leather Engineering, 1st year B.Sc. in Footwear Engineering, 1st year B.Sc. in Leather Products Engineering - 2021 students are not being admitted yet due to pandemic crisis.

Cricket

The cricket team of this Institute did not play regular round in inter-departmental cricket contest due to pandemic crisis.

Football

The football team of this Institute did not play regular round in inter-departmental football contest due to pandemic crisis.

Blood Donation Club

The blood donation club 'BADHON' run by the students of this institute donates blood to the needs of the people.

Youth Against Hunger

In winter, in extreme winter, the common people of the country suffer from the hardship of the people to take part in this winter festival, organized by the students of Youth Against Hunger in the remote areas of Sirajgonj and Rangpur district to give warm clothes to the poor. But it was not possible to distribute winter clothes in 2020-2021 due to Covid-19.

Film Society

Students of this institute see social movies through their film society for their pleasure.

Non-smoking Organization

Non-smoking organization run by the students of the institute organization prevent students from smoking.

Prothom Alo Bondhushova

The Prothom Alo friends organized by the institute students create friendship among the students.

Institute of Leather Engineering & Technology Debating Club- ILET DC

The members of ILET-DC organized by the institute students create friendship among the students

Institute of Disaster Management and Vulnerability Studies (2009)

Director

Professor Dr. Khondoker Mokaddem Hossain

Professor

(1) Khondoker Mokaddem Hossain, M.S.S; MD (Demography); Ph.D; (2) Mahbuba Nasreen, M.S.S; PhD [on deputation].

Assistant Professor:

(1) Md. Abul Kalam Azad, M.S.S, M.S.C [Education Leave]; (2) Dilara Zahid, M.S.S, Ph.D; (3) Md. Kalid Hasan, M.S.C, M.S.S, M.D.M [Education Leave]; (4) Monishankar Sarkar, M.S.S [Education Leave]; (5) Bivuti Bhushan Sikder, M.S.S; (6) Samima Prodhan, M.S.C, M.D.M.

Lecturer

(1) Md. Juel Mia, M.S.S; (2) Muhamamd Awfa Islam, MDM; (3) Musabber Ali Chisty, MDM, MSC.

Publications

1. Musabber Ali Chisty, Muhammad Awfa Islam, Ashfia Tasnim Munia, Md Mostafizur Rahman, Nadia Nahrin Rahman and Mourupa Mohima : Risk perception and information-seeking behavior during emergency: An exploratory study on COVID-19 pandemic in Bangladesh, International Journal of Disaster Risk Reduction (impact factor:4.320) , vol.65 , no.November Elsevier , 2021
2. Musabber Ali Chisty, Syeda Erena Alam Dola, Nesar Ahmed Khan and Md Mostafizur Rahman: Intersectionality, vulnerability

and resilience: why it is important to review the diversifications within groups at risk to achieve a resilient community, *Continuity & Resilience Review*, vol.3, no.2 Emerald Publishing Limited, pp.119-131, 2021.

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5. Azad, M. A. K., Mia, M. J., & Islam, A. K. M. N. (2020). Disaster Economic Loss and Income: An Assessment in Entitlement Perspective. *International Journal of Disaster Response and Emergency Management*, 3(2), 1–23. <https://doi.org/10.4018/ijdrem.2020070101>
6. Biswas, R. N., Islam, M. N., Mia, M. J., & Islam, M. N. (2020). Modeling on the spatial vulnerability of lightning disaster in Bangladesh using GIS and IDW techniques. *Spatial Information Research*, 28, 507–521. <https://doi.org/10.1007/s41324-019-00311-y>
7. Halim, K. S., & Mia, M. J. (2020). Street Vending during COVID-19: A View from Dhaka City. *Journal of Sociology*, 11(1), 105–122.

Number of Students, Class and Result:

Class	Number of the students	Total Pass	Percentage (%) of Result
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Master of Disaster Management (3 rd Batch 1 st Semester) Session: 2018-2019	33	32	96.96%
Master of Disaster Management (4 th Batch 1 st Semester) Session: 2018-2019	40	36	90%
Bachelor of Disaster Management (5 th Batch 7 th Semester) Session: 2018-2019	41	41	100%
Bachelor of Disaster Management (6 th Batch 4 th Semester) Session: 2018-2019	43	42	97.96%
Bachelor of Disaster Management (7 th Batch 2 nd Semester) Session: 2018-2019	44	44	100%
Bachelor of Disaster Management (7 th Batch 3 rd Semester) Session: 2019-2020	50	Result Not Published Yet	

Participation of the Institute and Students:

1. Organized a webinar titled “Ecosystem Based Disaster Risk Reduction and Intersectionality” to celebrate World Environment Day (Date- 5 June 2021)
2. Disaster Management Studio (Student led wing of IDMVS) organized an essay competition to celebrate the World Environment Day.

3. Organized Webinar on the ‘Employability & Entrepreneurship Development in Bangladesh: Pandemic & Beyond’ to celebrate the National Youth Day (Date- 1 November 2020)
4. Organized a virtual seminar to celebrate “International Day for Disaster Risk Reduction” (Date 11th October 2020)
5. Organized a virtual seminar to celebrate the bicentennial of birth of educator & social reformist Ishwar Chandra Vidyasagar (Date - 26 September 2020)
6. Organized a webinar titled “Women and Work in Pandemic: Resilience and Recovery (Date July 28, 2020)

Participation in Extra Curricular Activities:

1. **Sports:** All the sports competitions in and outside the campus were cancelled due Covid-19 restrictions
2. **Participation in seminar, conference, workshop and other activities:** Students of the Institute of Disaster Management and Vulnerability Studies participated in different seminars organized by the Institute, Ministry of Disaster Management and Relief and other international and humanitarian organizations.
3. **Awards and Fellowship:**
 - Masuma Moriom, a student of 4th Batch IDMVS has received Kalam Youth Leadership Award in 2021 for her phenomenal contribution in social work
 - Shakhawat Hossain Faisal, a student of 4th Batch IDMVS has received prestigious “Share-Net fellowship.”
 - Samia Rahman, a student of 7th Batch IDMVS got selected as a “Young Fellow for DRR” in the “**Asia Pacific Researchers, Practitioners & Policy-makers in Dialogue with Children & Youth**” project.

Recent Academic Contributions

Teachers Name: Professor Dr. Khondoker Mokaddem Hossain

- Presented a paper titled, ‘The Challenges of Modernization of University Governance System in Bangladesh’ at the 2020 Annual International Forum on Higher education, organized by China Association of Higher Education, held in Zhengzhou, China, November 20-22, 2020.
- Presented a paper titled, ‘The Challenges and Opportunities of Higher Education in Bangladesh’ at the 2020 Forum of Cooperation on Cultivating Intellectuals, organized by South and Southeast Asian University Forum held in Yunnan University, China, November 20, 2020.
- Presented a paper titled, ‘Application of Information Technology in Open and Distance Learning in the context of Higher Education in Bangladesh: An Overview’ at the Workshop on, “Computer Science Applications in Southeast Asian Universities” organized by S&SE ASIAN UN, Yunnan University, China, November 22, 2020.
- Presented a paper titled, ‘Exploring Investment Cooperation between Bangladesh and China during COVID-19 and postCOVID-19: An Overview’ at the Conference, “Post- COVID Regional Cooperation: New Opportunities and New Actions”, organized by S&SE ASIAN UN, Yunnan University, China, October 21, 2020.
- Conducted a research project as Principal Researcher on education titled, ‘Assessing the Status of Open and Distance Learning (ODL) at Bangladesh Open University (BOU) in the context of ICT Supported Tools and Techniques’ funded by BOU, January 2019 to September 2020.

Teachers Name: Professor Dr. Mahbuba Nasreen

- Appointed as the “South Asian Regional Lead” under the Gender Responsive Resilience and Intersectionality in Policy and Practice Network
- Appointed as the Adjunct Faculty, University College London

- Participated as an “Invited Speaker” in the Session Titled “Climate Impacts, Displacement and Adaptation in Bangladesh organized by IFRC.
- Co-presented a paper titled “Bangabandhu Sheikh Mujibur Rahman and Disaster Risk Reduction in Bangladesh (Event-Dhaka Bisshobiddaloye Bangabandhu Baktritramala)

Teachers Name: Musabber Ali Chisty

- Got selected as the Young Researcher in the **Asia Pacific Researchers, Practitioners & Policy-makers in Dialogue with Children & Youth** project

University Laboratory School and College (1964)

Principal

Mrs. Selina Banu: M.Sc, M.Ed [LPR]

Vice-Principal

Mrs. Selina Akter: M.S.S (Sociology), M.Ed, M.Phil

Assistant Professor

(1) Mir Mohammad Sadekuzzaman: M.Com., Dip-in-Ed [LPR]; (2) Md. Zahed Alam Khan: M.Sc., M.Ed.; (3) Kazi Nurul Islam : M.Sc., M.Ed.; (4) Md. Kamrul Islam Nuri: M.Sc., M.Ed.; (5) Mrs. Zinat Pervin: M.S.S [LPR]; (6) Md. Hasmatullah: M.Sc., M.Ed.; (7) Mrs. Nazma Akter: M.F.A., B.Ed. [LPR]; (8) Mrs. Shamsun Nahar : M.Sc., B.Ed.; (9) Mrs. Shimul Tasnim: M.A., B.Ed.; (10) Mrs. Raunaq Jabin: M.S.S., B.Ed.; (11) Mrs. Sadia Afroz Bithi: M.A., B.Ed. (12) Farzana Tanzil: M.A., B.Ed., Dip-in-Computer, CCNA, PGD; (13) Borun Kumar Saha: M.Sc., M.Ed

(14) A.B.M. Farhad, M.Sc, M.Ed (15) Mrs. Khorsheda Akhter: M.A. B.Ed (16) Mrs. Lithu Sharmin: M.S.S, B.Ed (17) Mrs. Hasna Banu: M.S.S, B.Ed (18) Mrs. Shirin Afroz: M.Sc, M.Ed, (19) Mrs. Farzana Foyez: M.A, M.Ed (20) Md. Emran Kabir: B.Ed (Hon’s), M.Ed, M.Phil, Ph.D (researcher) (21) Md. Shamsur Rahman: M.Com., B.P.Ed. (22) Mrs. Alo Arzoman Banu : M.A., M.Ed, M.Phil, Ph.D (researcher) (23) Mrs. Elina Begum: M.A., B.Ed. (24) Mrs. Masuda Akhter Happy: M.Sc., M.Ed (25) Md. Saidul Islam: M.Sc., B.Ed (26) Jahangir Alam Chowdhury: M.Sc., M.Ed. (27) Dr. Parvin Boby: M.A., M.Ed, Ph.D, (28) Md. Masud Parvez, M.A, M.Ed (29) Mrs. Tahera Yasmin, M.A, M.Ed. (30) Mohammad Towhidul Islam Bhuiyan, M.A, M.Ed., M.Phil (researcher) (31) Mrs. Sabina Sarmin: M.S.S., B.Ed. (32) Fatema Ferdous: M.S.S, M.Ed. (33) Dr. Taimur-Al-Mobarak, M.Sc, M.Ed, M.Phil, Ph.D (BUET) (34) Md. Mofizul Islam: M.Sc. B.Ed. (35) Mahmuda Akhter: M.A., M.Ed. (36) Akter Jahan Rubi: M.B.A, M.Ed, M.Phil (researcher), (37) Md. Saiful Islam Akon: M.A, M.Ed, Fulbright DAI (USA), (38) S.M. Mokbul Hossain: M.A, M.Ed (39) Mohammad Jahidul Hasan Bhuiyan: M.Sc., M.Ed (40) Morsheda Akhter: M.A, M.P.Ed, (41) Momotaz Begum: M.Sc, B.Ed. (42) Padma Biswas: M.S.S, (43) Nayla Tabassum: M.A, B.Ed. , (44) Mst. Sabina Yasmin: M.A, M.Ed, (45) Amatullah Amina Sharif: M.A, M.Ed, (46) Sukla Chowdhury: M.S, M.Ed. (47) Naima Islam: M.A, B.Ed, M.Ed. (48) Tahmina Akter: M.Sc, (4) Dilruba Karim: M.Sc., M.Ed.

Lecturer

(1) Mrs. Zakia Sultana: M.S.S, B.Ed (Absent) (2) Nazmun Nahar, M.B.A, B.Ed. (Absent) (3) Afsana Afroz, M.A, B.Ed (4) Hafsha Afroz, M.Ed.

Lecturer (English version)

Sadia Afroz: M.B.A, M.Ed, (2) Mominul Islam: M.A, M.Ed (3) Tania Rahman: M.Sc, M.Ed (4) Rihana Afroz: M.Sc. (5) Shahjadi Najnin: M.Ed.

Part-Time Teacher (English version)

(1) Gulshan Jahan: M.A, M.Ed, M.Phil, Ph.D (on going), (2) Sabina Yesmin: M.Sc, B.Ed, M.Ed (on going), (3) Kohinoor Begum: M.A, M.Ed, (4) Umme Toufa Jahan, M.A, M.Ed (5) Jointo Acharjo, M.A, M.Phil (on going), (6) Raisa Turani, M.F.A, M.Ed (7) Romela Afroz Khan: M.A,

M.Ed (8) Hashima Ferdaouse: M.S.S, B.Ed. (9) Sahedul Haque Chowdhury: M.B.S, B.Ed.

Number of Students

Bangla Medium:

Section	Number
Primary (K.G. to V)	599
Secondary (VI to X)	489
Higher Secondary(XI-XII)	418

English Version

(K.G - VIII)	407
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Total 1913

Examination Results

Name of Exam.	Branch/Group	No. of Examinees	Passed	Percentage of Pass
P.E.C-2020	-	111	111	100%
J.S.C Exam-2020	-	110	110	100%
S.S.C-2020	Science	36	36	100%
	B. Studies	27	27	100%
	Humanities	09	09	100%
	Total	72	72	100%
H.S.C-2020	Science	100	100	100%
	Humanities	47	47	100%
	B. Studies	36	36	100%
	Total	183	183	100%

Activities

The academic activities in the session of 2020-2021 commenced with the online classes on 01 July, 2020 due to Covid-19 pandemic. Besides, teaching learning activities continued under government arrangement through “Kishor Batayon” to support the students. Moreover, activities of schools at the beginning “Amar Ghor Amar School” program were telecast on Bangladesh Sangsad Television and parallelly our school also imparted

subject wise lessons to all the classes on Zoom Meeting making groups on Messenger and WhatsApp. Our school arranged a discussion meeting with all the teachers presided over by the Principal on Zoom on 15 August, 2020 to commemorate the brutal killing of Sheikh Russel who was a class four student of our school, the youngest son of Father of the Nation Bangabandhu Sheikh Mujibur Rahman and his other family members. On 23 August, 2020 the Principal along with the teachers planted trees to mark the occasion of Mujib-100. Subject wise Assignment Program continued along with online classes under government supervision from 01-07-2020 to 30-06-2021. Admission lottery of Bangla version for classes II, IV,VI and IX held on 30-12-2020 for the academic year 2021 and on the same day English version admission lottery from classes II to VIII also took place. Professor Dr. Md. Abdul Malek, honourable Director, Institute of Education and Research and the Principal of the institution were present on the occasion. The “Book Festival” was observed on 06 January, 2021 through distributing free textbooks given by the government to the students from classes KG to IX. The Director IER, the Principal and teachers were present on the occasion. An online discussion meeting was held chaired by the Principal to pay homage to the language martyrs on 21 February on “Shaheed Dibosh and International Mother Language Day”.

The Birth Anniversary of Father of the Nation and the Best Bengali of Thousand Years, Bangabandhu Sheikh Mujibur Rahman was observed on 17 March, 2021 through discussion and reminiscence of his life chaired by the Principal. Though in-person classes were suspended due to Covid-19 pandemic, subject wise online classes and Assignment Program initiated by the Department of Secondary and Higher Education continued. The academic session 2020-2021 ended in this way following health safety and cleanliness.

Udayan Uchha Madhyamik Bidyalaya (1955)

Principal

Jahura Begum, M.Sc, B.Ed,

Assistant Professor

(1) Muhammad Arifur Rahman, M.Com, (2) Mst. Asma Khatun, M.Sc, M.Ed, (3) Nitish Kumar Saha, M.Com, M.Ed, (4) Md. Asadul Alam, M.Sc, (5) Md. Tariqul Islam, M.Sc, B.Ed, (6) Ramesh Chandra Paul, M.Sc, (7) Kiran Chandra Bairagee, M.Sc, (8) Mukul Kumar Sarker, M.Sc, (9) Nayeem Ear Khan, M.Com, (10) Md. Humayan Kabir, M.A, (11) A K M Abdul Matin, M.A (English Literature), M.A (ELT), M.Ed (LE), (12) Md. Khairul Bashar, M.A, Diploma in TESL, Japan, M.Ed (LE), (13) Razia Begum, M.A in Applied Linguistics & ELT.

Lecturer

(1) Muhammad Abul Monsur, M.A, (2) Md. Mominul Islam Pradhan, M.Sc, M.Phil (BUET), (3) Mohammad Bakhtiar Shaheed, M.Sc, (4) Masuma Sultana, M.Sc, (5) Smita Azad, MBA, (6) Afroja Akter, M.Com, (7) Nasrin Sultana, M.A, (8) Nusrat Jahan Jessy, M.Sc, (9) Badrunnessa, M.Sc, (10) Fatima Khatun Kona, M.Sc (IT), (11) Anamika Rani Das, M.Sc, (12) Afroja Begum, M.Com, (13) Quazi Labiba, MSC, (14) Mojammel Haque, MSC, (15) Md. Abul Hossain Bepari, M.Sc, B.Ed, (16) Kishori Mohan Sarker, M.A, M.Ed, (17) Md. Abdus Salam, M.A, B.Ed, (18) Most. Munira Kaokab, M.A, B.Ed (19) Md. Habibur Rahman, M.Sc, Dip-in-Ed, (20) Mst. Shahnaj Begum, M.Sc., B.Ed., (21) Basudeb Ghosh, M.A, M.Phil (Part-1), Ph.D, (22) Sultan Nuruddin Ahad, M.Sc.

Assistant Teacher

(1) Mst. Nasima Khatun, M.S.S, (2) Syed Azfur Hossain, M.A, (3) Ratan Kanti Mondal, M.A, B.Ed, (4) Panchu Gopal Malo, M.A, M.Ed, (5) Md. Jakir Hossain, M.Sc, B.Ed, (6) Mehnaz Akter, M.A, (7) Naznin Binte Sayed, M.A, (8) Nilufa Yesmin, M.A, (9) Md. Mahbub Alam, M.A, B.Ed, (10) Md. Alauddin Mondal, M.A, B.Ed, (11) Mohammad Nasir uddin, M.A, B.Ed, (12) Sukla Rani Karmaker, M.S.S, B.Ed, (13) Nilufa Yeasmin, M.Sc, (14) Zaushad Alam, M.Sc, B.Ed, (15) Salma Pervin, M.A, M.Ed, (16) Abdul Karim, M.A, Kamil, (17) Md. Ruhul Amin, M.A, B.Ed, (18) Mousumi Rahman Mou, M.A, B.Ed, (19) Ismat Ara Khanam, M.A, B.Ed, (20) Afifa Moriom, M.S.S, B.Ed, (21) Sabita Rani Saha, M.A, M.Ed, L.L.B, (22) Mohammad Zakir Hossin, M.Sc, B.Ed, (23) Pangkaj Kumer Sarkar, M.Sc, B.Ed, (24) Himansu Kumar Roy, M.S.S, B.Ed, (25) Aleya Parveen, M.A, (26) Mahmuda Begum, M.Sc, M.Ed, (27) Khandakar Nasrin Rahman, M.A, M.Ed, (28) Mousumy shill, M.Sc, B.Ed (29) Fatema

Khatun, M.Sc, (30) Mst. Shorifa Khatun, M.Sc, (31) Sanjoy Kabiraj, M.Muse, (32) Sabreena Alam, M.A, (33) Khadija Kahan Mukta, M.A, M.B.A, B.Ed, (34) Razia Sultana, M.A, B.Ed, (35) Ferdousi Akter, M.S.S, (36) Rozina Akhter, M.A, (37) Khandokar Sabiha Khatun, M.Sc, M.Ed, (38) Mst. Hasina Khatun, M.Com, M.Ed, M.P.Ed, (39) Shubal Kumar Ghosh, M.A, B.P.Ed, M.P.Ed, (40) Prashanna Kumer Sarker, M.Sc, (41) Aatur Rahman, M.Sc, B.Ed, (42) Ronjana Rani Roy, M.S.S, B.P.Ed, M.P.Ed, (43) Romana Begum, B.Sc, (44) Mst. Shmsunnaher Begum, M.A, B.Ed, (45) Rina Pervin, M.A, (46) Most. Tanjir Mostofa, M.Sc, (47) Shaila Khatun Laboni, M.Sc, M.Ed, (48) Shamsun Nahar Afrin, M.A, (49) Munira Mustari, M.Sc, (50) Smita Das Tuli, M.F.A, (51) Barnali Rani Halder, M.S.S, B.Ed, (52) Sharaban Tahura, M.A, B.Ed, (53) Tasnova Orin, M.A, (54) Sabrina Binte Shahjahan, M.A. (55) Najmun Nahar sharmin, M.A (56) Halima Hahan, M.S.S, (57) Md. Nazrul Islam, M.Sc., B.Ed.

Demonstrator

(1) Zuhara Zakir, M.Sc.

Lecturer (Part Time)

(1) Fatema Shireen, MSS

Assistant Teacher (Part Time)

1. Tanjeela Islam, MSc, 2. Asma Khatun, M.Ed., 3. Banalata Mitra Bizli, BSC, MSC (Cont.) 4. Nazneen Sayed Nishat, MSC, 5. Afsana Khanam, MA, 6. Md. Nazmul Islam, MA.

Number of Students – 2020

SL	Class	Boys	Girls	Total Student
1.	Class Shishu – Class V (Bangla Version)	795	535	1330
2.	Class Shishu – Class VIII (English Version)	278	204	484
3.	Class VI – Class 10	738	550	1288
4.	Class XI & XII	526	237	763
	Total =	2337	1526	3865

Order of Events

- The National Mourning Day was observed on 15 August 2020 with due respect and solemnity. A highly informative discussion on the life and contribution of The Father of the Nation, Bangabandhu Sheikh Mujibur Rahman, was held through Zoom App. Students participated in essay writing and art competition on "Bangabandhu and Bangladesh".
- The Victory Day 2020 was observed in a festive mood. On that occasion, the discussion session was mainly on the history of Liberation War of Bangladesh, the childhood, education and political life and leadership of The Father of the Nation, Bangabandhu Sheikh Mujibur Rahman. An oath was taken to materialize his long cherished dream of building 'Sonar Bangla'. It is mentionable that, the discussion on Victory Day of this year was held through Zoom App.
- Academic Book Distribution Ceremony was held on 1 January 2021 maintaining hygiene of COVID-19. The books were received by the parents instead of students due to pandemic situation maintaining hygiene of COVID-19.
- It is mentionable that, classroom activities of Udayan Uchcha Madhyamik Bidyalaya were stopped on 16 March 2020 due to COVID-19 pandemic along with the other educational institutions of Bangladesh. COVID-19 is playing its devastating role still now globally. Under this circumstance, honourable Principal, Jahura Begum gave instructions to start online class on 06 May 2020 using Zoom App. Besides, Special Exercises are being conducted using both the institutional website, Messenger-group of respective classes, and through institution based activities. At present, online classroom activities and special exercises have been conducted through Zoom App, Messenger and Google Form. It is to be noted that Udayan Uchcha Madhyamik Bidyalaya is the pioneer of such educational activities during the pandemic situation.
- Due to COVID-19 situation, assignment program is going on from class VI-XII according to the Government's instruction. Assignments prepared by students are received step by step according to the guidance and supervision of the honorable Principal. The result of

assignments are given by the subject teachers through Messenger group after their assessment. It is to be noted that, online classroom activities from class Shishu to Five are going on smoothly according to the guidance of honorable Principal.

- Parent-teacher meeting is being held on every 2nd week of a month. Class-teachers and guardians exchange their ideas regarding students' academic development, their mental health awareness maintaining hygiene during COVID-19 situation, and the improvement of the lifestyle of students. The meetings are being held according to the instruction of honorable Principal, Jahura Begum. A webinar on 'Mental Health and Positive Parenting' was held according to the advice of the respected Chairman of Udayan Uchcha Madhyamik Bidyalaya and honorable Vice-Chancellor of University of Dhaka, Professor Dr. Md. Akhtaruzzaman and the other members of the Governing Body of this institution. This webinar was directed by the honorable chairman of the Department of Clinical Psychology of University of Dhaka.
- It is a matter of pleasure that, 'Bangabandhu Corner' has been established in the school premises under the supervision of the honourable Principal, Jahura Begum. The 'Bangabandhu Corner' is decorated with the books on the Father of the Nation, Bangabandhu Sheikh Mujibur Rahman. Besides, documentaries on Bangabandhu Sheikh Mujibur Rahman are kept in the 'Bangabandhu Corner' and paintings and creative writings of the students are displayed on the 'Sheikh Russel Wall Magazine'.

Overall, the combined efforts of all the teachers with their expertise contributing to different academic and co-curricular activities has made the academic year 2020-2021 a success, and Udayan Uchcha Madhyamik Bidyalaya is committed to itself in continuing so.

Research Centres and Bureau

Bureau of Economic Research (1956)

Chairman

Professor Dr. Mahbubul Mokaddem

Director

Professor Dr. Nazma Begum

Members

All Professors Department of Economics, University of Dhaka including Chairman of the Department (not basis on seniority) 1. Prof. Shamsun Naher Ahmed, 2. Prof. S M Ashiquzzaman, 3. Prof. Bazlul Hoque Khondker, 4. Prof. Farah Hasin, 5. Prof. Masuda Yasmeen, 6. Prof. Farzana Laiju, 7. Prof. Selim Raihan, 8. Prof. Firdousi Naher, 9. Prof. Rumana Huque, 10. Prof. Sayema Haque Bidisha, 11. Prof. Muhammad Shahadat Hossain Siddiquee, 12. Prof. Mohammed Helal Uddin, 13. Prof. A K M Ghulam Hussain, 14. Prof. Mohammad Iftekher Hossain. 15. Director General (Ex-officio), BIDS, Sher-e-Bangla Nagar, Dhaka.

Completed Research Projects

(i) Crop Diversification in Bangladesh: An Assessment of its Determinants and Challenges Project Leader Abul Kalam Azad, Assistant Professor, Department of Economics, University of Dhaka, Funded by Bureau of Economic Research, University of Dhaka.

(ii) Urban Decentralization and its Impact in South Asia: A Case Study of Dhaka and Kolkata Project Leader Dr. Firdousi Naher, Professor, Department of Economics, University of Dhaka, Funded by Bureau of Economic Research, University of Dhaka.

(iii) Effect of Social Safety Net on Consumption, Poverty and Other Outcome Variables Project Leader Sheikh Jafar Imran, Associate Professor, Department of Economics, University of Dhaka, Funded by Bureau of Economic Research, University of Dhaka.

(iv) Credit Access and Women's Bargaining Power within the Household: Evidence from a Randomized Controlled Trial (RCT) Project Leader Md. Amzad Hossain, Assistant Professor, Department of Economics, University of Dhaka, Funded by Bureau of Economic Research, University of Dhaka.

(v) Trust and Compliance During a Pandemic: Evidence from Bangladesh Project Leader Rubaiya Murshed, Lecturer, Department of Economics, University of Dhaka, Funded by Bureau of Economic Research, University of Dhaka.

(vi) Strengthening Tobacco Taxation Process Through Capacity Building, Knowledge Enhancement and Policy Development Project Leader Dr. Rumana Huque, Professor, Department of Economics, University of Dhaka, Funded by The Union.

On-Going Research Projects

(i) Remittances and Household Expenditure Behaviour in Bangladesh Project Leader Dr. Sayema Haque Bidisha, Professor, Department of Economics, University of Dhaka, Funded by Bureau of Economic Research, University of Dhaka.

(ii) Assessing the Readiness of the Ready-Made Garments Sector of Bangladesh to Establish a Circular Economy Project Leader Dr. Mohammad Thoufiqul Islam, Professor, Department of Management, University of Dhaka, Funded by Bureau of Economic Research, University of Dhaka.

(iii) Challenges and Prospects of Disabled Entrepreneurs: A Study on Sustainable Inclusive Economic Development of Bangladesh Project Leader Dr. Sumon Das, Professor, Department of Management, University of Dhaka, Funded by Bureau of Economic Research, University of Dhaka.

(iv) Using Machine Learning Tools to Predict Poverty in Bangladesh Project Leader Dr. Atonu Rabbani, Associate Professor, Department of Economics, University of Dhaka, Funded by Bureau of Economic Research, University of Dhaka.

(v) Multi-Dimensional Feasibility of Bangladesh's Solar Power Target Project Leader Moshahida Sultana, Associate Professor, Department of Accounting and Information Systems, University of Dhaka, Funded by Bureau of Economic Research, University of Dhaka.

(vi) Effect of Covid-19 Pandemic on Households Catastrophic Health Expenditure and Poverty Project Leader Md. Deen Islam, Assistant Professor, Department of Economics, University of Dhaka, Funded by Bureau of Economic Research, University of Dhaka.

(vii) How Does Institution Affect Bilateral Trade? Evidence from Structural Gravity Model Project Leader Mahtab Uddin, Assistant Professor, Department of Economics, University of Dhaka, Funded by Bureau of Economic Research, University of Dhaka.

(viii) An Assessment of Equity in Health in Bangladesh: A Scoping Review Project Leader Dr. Shafique uz Zaman, Professor, Department of Economics, University of Dhaka, Funded by Social Science Research Council (SSRC), Ministry of Planning.

(ix) Strengthening the Sustainable Tobacco Tax System in Bangladesh

Project Leader Dr. Rumana Huque, Professor, Department of Economics, University of Dhaka, Funded by The Union.

(x) Health Insurance in Bangladesh: Perception and Experience of People Having Insurance

Project Leader Dr. Rumana Huque and Dr. Nazma Begum, Professor, Department of Economics, University of Dhaka, Funded by Health Economics Unit Ministry of Health and Family Welfare.

(xi) Public Expenditure Tracking Survey for Health Sector in Bangladesh

Project Leader Dr. Rumana Huque and Dr. Muhammad Shahadat Hossain Siddiquee, Professor, Department of Economics, University of Dhaka, Funded by Mannion Daniels.

Training Courses

37th Advanced Training Course on Research Techniques in Social Sciences-2021 online training course provided to 33 participants was conducted by Bureau of Economic Research funded by the Social Science Research Council (SSRC), Ministry of Planning from 19.03.2021 to 10.04.2021. In the training Mohammad Akbar Kabir, Associate Professor, Department of Economics, University of Dhaka was the course Coordinator. Mr. Mohammad Jainul Bari, Secretary, Planning Division, Ministry of Planning, Government of Bangladesh was present as chief guest in the training program

Bureau of Business Research (1974)**Chairman**

Professor Dr. Afzal Hossain

Director

Professor Dr. Mohammad Abdul Moyeen

Department of Accounting & Information Systems

1. Prof. Riazur Rahman Chowdhury 2. Prof. Abdul Hakim 3. Prof. Dr. Tamina Khatoon 4. Prof. Diman Kumar Chowdhury 5. Prof. Maksudur Rahman Sarker 6. Prof. Dr. Mahmuda Aktar 7. Prof. Dr. Mahfuzul Huq 8. Prof. Nazim Uddin Bhuyian 9. Prof. Dr. Monjur Morshed 10. Prof. Dr. Md. Sharif Hossain. 11. Prof. Dr. Md. Hamidullah Bhuyan 12. Prof. Dr. Mizanur Rahman 13. Prof. Dr. Yousuf Kamal 14. Mr. Md. Al-Amin

Department of Management Studies

1. Prof. Ali Ahsan 2. Prof. Dr. Md. Serajul Islam 3. Prof. Dr. Shyam Sundar Karmakar 4. Prof. Aatur Rahman 5. Prof. Dr. Syed Golam Mowla 6. Prof. Ali Akkas 7. Prof. Dr. Farouk Ahmed 8. Prof. Dr. Muhammad Mohiuddin 9. Prof. Dr. Md. Mosharoff Hossain 10. Prof. Rubina Malek 11. Prof. Dr. Musfiq Mannan Chowdhury 12. Prof. Dr. Thoufiqul Islam 13. Prof. Dr. Sumon Das 14. Dr. Md. Mesba Uddin

Department of Marketing

1. Prof. Dr. Md. Mizanur Rahman 2. Prof. Dr. Belayet Hossain 3. Prof. A.N.M. Sayeedul Huq Khan 4. Prof. Dr. Haripada Bhattacharjee 5. Prof. Dr. Razia Begum 6. Prof. Dr. Md. Ashraf Islam Chowdhury 7. Prof. Dr. Zakir Hossain Bhuiyan 8. Prof. Dr. Anisur Rahman 9. Prof. Mubina Khondaker 10. Prof. Dr. ABM Shahidul Islam 11. Prof. Dr. Serajul Huq 12. Prof. Dr. Samir Kumar Sheel 13. Prof. Dr. Md. Masudur Rahman 14. Prof. Abu Naser Ahmed Ishtiaque 15. Prof. Dr. Md. Abul Kalam Azad 16. Prof. Dr. Imrana Yeasmin 17. Prof. Dr. Md. Moktar Ali 18. Prof. Dr. Aatur Rahman 19. Prof. Dr. Nasrin Akter 20. Prof. Dr. Md. Ismail Hossain 21. Mr. Anwar Hossain 22. Prof. Dr. Sheheli Pervin 23. Prof. A.K. M. Fazlul Huq Shah (Super Newmary)

Department of Finance

1. Prof. M. Shabbir Ahmed 2. Prof. Dr. M. Sadiqul Islam 3. Prof. Dr. Mahmud Osman Imam 4. Prof. Dr. A. A. Mahboob Uddin Chowdhury 5. Prof. Dr. M. Masud Rahman 6. Prof. Dr. Kismatul Ahsan 7. Prof. Dr. Jahangir Alam Chowdhury 8. Prof. H.M. Mosharuf Hossain 9. Prof. Mrs. Nausheen Rahman 10. Prof. Dr. Sheikh Shamsuddin Ahmed 11. Prof.

Khaleda Khatun 12. Mrs. Sabnaz Amin Auditi 13. Prof. Dr. Jamal Uddin Ahmed (Super Newmary)

Department of Banking

1. Prof. Dr. Md. Main Uddin 2. Prof. M. Mozahidul Islam 3. Prof. Dr. Md. Rafiqul Islam 4. Prof. Shible Rubayat Ul Islam 5. Prof. Abu Taleb 6. Prof. Dr. Hasina Sk 7. Dr. Abdullah Al-Mahmud

Department of Management Information Systems

1. Prof. Dr. Md. Akram Hossain 2. Prof. Dr. Md. Hasibur Rashid 3. Prof. Dr. Md. Abul Hannan Mia 4. Prof. Md. Moqbul Hossain Bhuiyan 5. Prof. Md. Abul Kashem 6. Prof. Dr. Md. Helal Uddin Ahmed 7. Dr. K.M. Salah Uddin

Department of International Business

1. Mr. Md. Rakib Uddin Bhuiyan 2. Prof. Dr. Abu Hena Reza Hasan 3. Prof. Dr. Chowdhury Saima Ferdous 4. Mrs. Hazeratun Nessa

Department of Tourism & Hospitality Management

1. Dr. Mohammad Bhduruzzaman Bhuiyan 2. Prof. Dr. Afzal Hossain 3. Prof. Mujib Uddin Ahmed 4. Dr. Md. Shariful Alam Khondoker

Department of Organization Strategy & Leadership

1. Prof. Dr. Altaf Jalil 2. Prof. Dr. Shariut Ullah 3. Mr. Md. Rasedur Rahman

External Member

1. Prof. Dr. Abul Barkat, Economics Department, D.U. 2. Prof. Dr. Sayed Farhat Anwar, IBA, D.U. 3. Mr. SK. Sur Chowdhury, Deputy Governor, Bangladesh Bank 4. Mr. Md. Obayed Ullah Al Masud, Managing Director, Sonali Bank Ltd.

On going Projects

1. Professional Independence vis-a-vis Management Advisory Services Controversy-A Study of Perception Statements in Bangladesh
by Prof. Santi Narayan Ghosh, Md. Ainul Islam and Swapan Kumar Bala.

2. Non-Government Support Services for the Promotion and Development of Small and Micro Enterprises in Bangladesh
by Mr. Md. Abdul Hanan Mia.

3. Managing Organizational Culture Through Organizational Climate

by Mr. Md. Sajjad M Jashim Uddin

4. Corporate Financial Disclosure Practices in Bangladesh

by Dr. Md Mizanur Rahman

5. Identification of the Characteristics of e-commerce websites
by Dr. Musfiq Mannan Chowdhury.

6. Accounting Quality Governance & Efficiency Evidence from Dhaka Stock Market

by Mr. Al Amin & Md. Saiful Alam.

7. Tunnelling though Retaining Dividends Evidence from Listed Companies of Bangladesh by Mr. Tareq

8. Export Potentiality of Pharmaceutical Products from Bangladesh

by Prof. Haripada Bhattacharjee

9. The Impact of Stock Market Crisis Firmlevel Performance; Evidence from A Developing Country

by Dr. M. Shain Miah & Al-Amin

10. A Strategic Approach to Sustainable archaeological tourism development: A study on Karotaji.

by Koushik Prashad Pathak & Abu reza M Muzareba.

11. Political Economy of clean Energy Transition The Case of Bangladesh

by Moshahida Sultana

12. Technology Improved Co-creation of Customer Experience; An Empirical Study on the Tourism Industry of Bangladesh

by Md. Kamruzzaman

13. Child Daycare Center (CDC); A Potential Business Segment for the women Entrepreneurs in Dhaka City

by Md. Jamil Sharif

14. Role of Professional Accountant in NGO Accountability by Dr. Md. Saiful Alam

Completed Project

1. E-waste Management in Bangladesh; The role of Stakeholders in reverse supply chain for developing a sustainable e waste Management
by Dr. Nasrin Akter
2. Corporate Social Responsibility Practices in the Garments Industry of Bangladesh by Prof. H.M. Mosharuf Hossain

Bose Centre for Advanced Study and Research in Natural Sciences (1974)

Chairman

Professor Dr. Md. Akhtaruzzaman
Vice-Chancellor
University of Dhaka

Director

Professor Dr. Supriya Saha
Department of Physics
University of Dhaka

Annual Allocation : Tk. 30,00,000/- only

Professor Dr. Supriya Saha was the Director of the Bose Centre for Advanced Study and Research in Natural Sciences until 29.06.2021. Professor Dr. Golam Mohammed Bhuiyan is the Director of the Bose Centre for Advanced Study and Research in Natural Sciences from the date of 30.06.2021.

Honorable Vice-Chancellor and Council Chair of the Bose Centre for Advanced Study and Research in Natural Sciences, Professor Dr. Akhtaruzzaman presided the Council Meeting held on 19.10.2020 through the online Zoom Video platform.

The 127th birth anniversary of the world renowned scientist Professor Satyan Bose was organized on 13.01.2021 in a Virtual Seminar.

In 2020-2021 financial year, 15 projects were supported by the Bose Centre for Advanced Study and Research in Natural Sciences. of them 10 projects engaged General fellows, 02 projects engaged M.Phil Fellows and 03 projects engaged Ph.D Fellows. Findings of the different research projects were presented at different conferences and published in national and international journals. A list of research projects supported by the Bose Centre for Advanced Study and Research in Natural Sciences during 2020-2021 is given below.

Bose Centre Project (2020-2021)

Sl. No	Research Project	Supervisor	Research Fellow
01	Adsorption studies of methylene blue from aqueous solution by using neem leaf powder as an adsorbent. Start : 01.09.2019	Prof. Dr. Md.Abu Bin Hasan Susan Dept. of Chemistry.	Rina Karmakar 01.09.19 – 31.03.21=19m General fellow
02	Preparation and characterization of colloidal manganese dioxide and its application for degradation of Levofloxacin in micellar media. Start : 01.09.2019	Dr. Saika Ahmed Asstt. Prof. Dept.of Chemistry.	Senjuti Nowroz 01.09.19 – 30.11.20=15m General fellow
03	A Numerical Investigation of Simple Pulsatile Flow through Circular Pipes. Start : 01.09.2019	Dr.Md.Zavid Iqbal Bangalee Assoc. Prof. Dept. of Applied	Md. Mizanur Rahman 01.09.2019 – 31.08.21=24m General fellow

		Mathematics.	
04	Development of Polyoxometalate-Based Supercapacitor Electrodes. Start : 01.09.2019	Prof. Dr. Md. Mominul Islam Dept. of Chemistry	Md. Mahinur Islam 01.09.20-30.06.21=10m General fellow
05	Fabrication and Characterization SnS and SnS ₂ thin films deposited by spin coating technique. Start : 01.09.2019	Prof Dr. Kazi Hanium Maria Dept. of Physics.	Md. Rezaul Kabir 01.09.19 – 31.03.21=19m General fellow
06	Synthesis and Characterization of biologically active heterocyclic pyrimidine derivatives. Start : 01.09.2019	Prof. Dr. Kawsari Akther Dept. of Chemistry.	Toshiba Zennat 01.09.19 – 30.06.21=22m M.Phil fellow
07	Isolation and Structure Elucidation of Bioactive Compounds from <i>Phyllanthus niruri</i> . Start : 01.09.2019	Prof. Dr. Mohammad Shoeb Dept. of Chemistry.	Md. Nazrul Islam 01.09.19 – 30.06.21-22m M. Phil fellow
08	Phytochemical and Microbiological investigation on the roots of <i>piper chaba</i> H. and <i>Bombax ceiba</i> L. Start: 01.02.2021	Dr. Tofail Ahmad Chowdhury Dean, Faculty of Science & Prof. Dept. of Chemistry.	Sunjida Akter 01.02.21- 31.10.21=09 m General Student
09	Development of Bio-voltaic Cells from	Prof. Dr. M. Emran	Md. Afzol Hossain 01.07.20- 30.04.21

	Plant extract electrolytes using Different Electrodes and Investigation of thier Electrochemical Performance. Start: 01.07.2020	Quayum Dept. of Chemistry.	= 10 m Ph.D. Student
10	Coordination Complexes of Drug ; Synthesis, Characterization and Biological Study. Start: 01.03.2021	Prof. Dr. Md. Abdus Salam Dept. of Chemistry	Shuchismita Dey 01.03.21- 31.08.21 = 06m. PhD fellow
11	Investigation of Structural and Electromagnetic Properties of Mn-Zn Ferrites Effective by Vanadium Substitution. Start: 01.03.2021	Iffat Nur Esha Lecturer Dept. of Physics..	Amita Hossain 01.03.21- 30.09.21=07m General fellow
12	Manufacturing and Properties of Banana Tree Fibers Composites Ambient with Multi-walled Carbon Nanotubes. Start: 01.03.2021	Enayet Hossain Assitt. Prof. Dept. of Physics.	Mahajabin Binte Mustafiz 01.03.21- 30.06.21=4m . General fellow
13	Thermofluidic	Prof. Dr.	Sultana Jahan

.	modeling for hybrid nanofluid near nonisothermal moving radiating thin needle. Start : 01.03.2021.	Mohammad Ferdows Dept. of Applied Mathematics.	01.03.21-30.09.21=07m . PhD fellow
14	Tailoring of $(1-y)\text{Ba}_{0.6}\text{Sr}_{0.4}\text{Cr}_{0.6}\text{Ti}_{0.4}\text{O}_3 + (y)\text{CoFe}_{1.8}\text{La}_{0.2}\text{O}_4$ Composites via Double Sintering Ceramic Technique and Analyzing its Multiferroic Properties. Start:01.03.2021	Armin Anwar Assitt. Prof. Dept. of Physics.	Rezaur Rahman 01.03.21- 31.10.21 = 08m General fellow
15	Synthesis and Chacacterization of the Structural, Electrical Magnetic Properties of Mn Substtuted Ni-Zn Ferrite. Start: 01.04.2021.	Prof. Dr. M. Mizanur Rahman Dept. of Physics.	Farhana Afrose Sonia 01.04.21-30.09.21 = 06m General fellow

Centre for Advanced Studies and Research in Biological Sciences (1975)

President

Professor Dr. Md. Akhtaruzzaman
Vice-Chancellor
University of Dhaka

Director

Professor Dr. Rakha Hari Sarker

Department of Botany
University of Dhaka

Annual Budget

Tk. 30,00,000/- (Thirty lacs), 2020-2021 for the financial year.

This research centre was established in 1975 to encourage research activities among the teachers of the Faculty of Biological Sciences. The activities of the centre are performed as per advice of ten teacher-members, one from each department, under this faculty. The money received from the university are disbursed among the teachers of the faculty for various research projects on advance. The Research projects are invited from the teachers and each project is reviewed by experts before it is accepted for financing.

Dev Centre for Philosophical Studies (1980)

Director

Professor Dr. A.K.M. Haroonar Raashid

Dev Centre for Philosophical Studies was established in 1980 at the University of Dhaka to realize the dream of Shaheed Dr. Gobinda Chandra Dev. His dream was to study and spread a philosophy which is life-oriented, morality-based and humanistic. During the session 2020-2021 Professor Dr. A.K.M. Haroonar Raashid (Haroon Rashid) worked as the Director of the Centre. From the very beginning two research journals- one in Bengali: *Darsana O Pragati* and the other in English: *Philosophy and Progress*- are being published regularly by the Centre. Dev Memorial Lecture is organised yearly by the Centre.

Webinar

Date	Subject	Speaker	Discussants	President
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18-01-2021	Governance for Environmental Human Rights Protection in the Context of Bangladesh: A Policy Perspective	Prof. Dr. Farid Ahmed Dept. of Philosophy Jahangirnagar University	Prof. Dr. Mizanur Rahman Dept. of Law University of Dhaka & Ex Chairman Human Rights Commission	Prof. Anu Muhammad Dept. of Economics Jahangirnagar University
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Dev Memorial Lecture 2019

Dev Centre for Philosophical Studies of Dhaka University organised ‘Dev Memorial Lecture 2019’ on 14 February, 2021 on Zoom platform. Professor Dr. Mahbul Mokeddem (M.M. Akash), Department of Economics, University of Dhaka delivered Dev Memorial Lecture titled “Post-truth Society: Confusing Chemistry of Truth-False”. The Chief Guest was the Vice Chancellor of Dhaka University Professor Dr. Md. Akhtaruzzaman and Dean of the Faculty of Arts Professor Dr. Abu Md. Delwar Hossain was the Special Guest. Professor Dr. A. S. M. Maksud Kamal Pro-Vice Chancellor (Academic) and Chairman, Dev Centre for Philosophical Studies, University of Dhaka presided over the Programme.

World Philosophy Day 2020

Department of Philosophy, Dev Centre for Philosophical Studies, Centre for Moral Development and Philosophy Department Alumni Association organised World Philosophy Day 2020 on 19 November, 2020 on Zoom platform. Professor Dr. Nayeema Haque, Department of Philosophy, University of Dhaka presented a paper entitled “Viral Disease and the Position of Individual Patient: Bioethics Versus Ethics of Public Health.” The Chief Guest was the Vice Chancellor Professor Dr. Md. Akhtaruzzaman. Dean of the Faculty of Arts Professor Dr. Abu Md. Delwar Hossain was the Special Guest. Professor Dr. Shah Kawthar Mustafa Abululayee, Director, Centre for Moral Development, University

of Dhaka delivered welcome address. Mrs. Mahfuza Rahman Chowdhury Babli, General Secretary, Dhaka University Philosophy Department Alumni Association and Professor Fahmida Rabbi, Head of the Department of Philosophy, Eden College spoke on the occasion. The programme was presided over by the Chairman of the Department of Philosophy Professor Dr. A.K.M. Haroonar Rashid (Haroon Rashid). A Souvenir, edited by Professor Md. Nuruzzaman was published on this occasion.

Centre for Advanced Research in Humanities (1984)

Chairman

Professor Dr. Syed Manzoorul Islam,
Department of English
University of Dhaka

Director

Professor Dr. Matiur Rahman
The Centre for Advanced Research in Humanities is an advanced research centre in the Faculty of Arts, University of Dhaka. It was established in the year 1984. The Centre is governed by the Executive Council with a Chairman and a Director. Besides there are the honorable members of the centre consisting of all the Professors of the Faculty of Arts. The centre was established with a view to extending research facilities in the departments of the Faculty of Arts. Its aim is to encourage inter-Departmental research works and to create facilities for the same. It regularly arranges seminar, symposium, discussion, meeting and lectures in various subjects and publishes research articles and books.

Monthly seminars, learned lectures, special lectures by distinguished scholars from home and abroad are held regularly under the auspices of the Centre. Besides, research orientation programmes are arranged with prominent scholars and experts in various disciplines as resource persons.

Library and Other

There is a library at the Centre. At present, more than three hundred books and periodicals are available here. This is quite inadequate for the researchers and faculty members of the University. *Bangla Charitavidan Prokalpa* is in progress.

The last Seminar is before Corona Pandemic was held on 24th February 2020. The Seminar was changed by Professor Dr. Shahnaz Nasrin Ila, delivered by Dr. Krisnendu Datta, Associate Professor, Department of Music of Sikim University of India, titled on *Bishayan : Ghorona O Bahirana*. All the seminars, Symposium & other gathering stopped at this time. But, at this time, *Nibondhomala* (22th part), *Shataborsher Sradhanjoli : Bangabondhu Sheikh Mujibur Rahman* (Special part) was published.

So far the Centre has published the following items (2021) :

1. Nibondhamala 22 volumes
2. Nibondhamala Special Vol.
3. Manobvidya Baktrita 14 volumes
4. Manobvidya Baktritamala,
5. Bangalir Chintadhara : Adhunik Jug
6. Banglar Itihash O Sanskritite Nagor
7. Banglar Itihash O Sanskritite Gram
8. Essays in Memory of Momtazur Rahman Tarafder
9. Oitijjeer Trish Basar : Uchator Manobvidya Gobeshona Kendra
10. Uchator Manobvidya Gobeshona Kendra : Potvumi O Udbodhoni Baktabba
11. Shataborsher Srodhanjoli : Bangabondhu Sheikh Mujibur Rahman (Special Part)

Centre for Advanced Research in Social Sciences (1984)

Chairman

Vice-Chancellor
University of Dhaka

Director

Professor Dr. Zia Rahman
Department of Criminology
University of Dhaka

Activities

The Centre for Advanced Research in Social Sciences, University of Dhaka was established in 1984. It is a research centre under the Faculty of Social Sciences mandated to carry out research activities of high standards befitting the academic excellence and achievement of the faculty members. Accordingly, the centre is devoted to extending research facilities to all the Departments under the Faculty of Social sciences; encouraging and fostering inter-departmental research activities; arranging seminars, holding discussion meetings and lectures on various subjects; publishing research papers and books and granting research scholarships.

The Centre provides assistance to the Faculty members and research students of the Faculty of Social Sciences to : (I) conduct research on key policy issues affecting Bangladesh's economic, social, administrative and political development; (II) present research outcomes through conferences, seminars, workshops as well as through publications of journals monograph, research reports and reports and seminar/workshop papers; (III) present research and mutually supportive academic pursuits; (IV) gather relevant information and knowledge utilizing training programmes through the Centre's information services, and library documentation facilities; (V) develop departmental curricula through exchange of expertise, consultations and discussions; (VI) and develop courses, cultural fellowships through exchanges of scholar as well as through inviting distinguished foreign scholars to give talks/speeches on the topics of academic interest etc.

The Centre has already published fourteen volumes of compilation of research papers in English, titled Perspectives in Social Science, and ten volumes of compilation in Bengali, titled Probandhabali consisting of papers presented by the University teachers and researchers in seminars held at the Centre.

The Centre has also published two special research based books, titled 'Karl Marx and Max Weber' (in English) and 'Samajik Biggan Gobeshona Paddthatee O Prokriya' (in Bengali). The Centre has a library of its own containing important research publications for use by the faculty members.

It is to be noted that due to the corona virus pandemic, the regular activities of Centre for Advanced research in social sciences, e.g. seminar, book discussion, open discussion, round table discussion etc., like other institutions of the country, also got disrupted. However, activities like collection of articles and reviews are going on.

Following is the list of Journal published by the Centre during the academic session 2020-2021

Name of the Journal	Name of the Editor	Publishing Date
“Probandhabali”- Volume-10 (In Bengali language)	Prof. Dr. Zia Rahman Director Centre for Advanced Research in Social Science.	March, 2021
“Perspectives in Social science” Volume-14 (In English language)	Prof. Dr. Zia Rahman Director Centre for Advanced Research in Social Science.	March, 2021

In the 2020-21 session, the publication of the Centre's Journal – “Prabandhabali” Volume-11 (in Bengali) and “Perspectives in Social

Science” volume- 15 (in English) has been delayed due to the Corona virus pandemic.

Semiconductor Technology Research Centre (1985)

Chairman

Professor Dr. Md. Akhtaruzzaman
Vice-Chancellor
University of Dhaka

Director

Professor Dr. Ishtiaque M. Syed.
Department of Physics
University of Dhaka

Annual Budget: 55,00,000/-

Research Fellow

Sl. no.	Name of Researcher	Title	Name of Supervisor
01.	Md. Kamal Uddin Department of Physics. D.U	Synthesis, Surface Modification and Characterization of Biocompatible Magnetic Iron Oxide Nanoparticles for Biomedical Applications, as a T ₂ MRI Contrast Agent.	Prof. Dr. Ishtiaque M. Syed Department of Physics. University of Dhaka.
02.	Md. Nazmun Sadat Khan Department of	Deposition and characterization of Tungsten Desulphide	Prof. Dr. Ishtiaque M. Syed

	Physics. D.U	(WS ₂) for the Application of Thin Film Solar Cell	Department of Physics. University of Dhaka.
03.	Afia Mubassira Islam Department of EEE D.U	Green Synthesis and Characterization of Copper Oxide Nanoparticles Decorated Graphene Oxide Nanocomposite for Photocatalytic Application	Prof. Dr. Mohammad Junaebur Rashid Department of EEE University of Dhaka.
04.	Mukta Rani Sarkar Institute of Leather Engineering and Technology, D.U	DFT based prediction of pressure dependent structural, elastic, electronic, and optical properties of N _a C ₆ : A potential high temperature superconductor	Dr. M. Nuruzzaman Khan Associate Professor Dept. of Applied Chemistry and Chemical Engineering University of Dhaka.
05.	Sumon Sarker Department of EEE D.U	Fabrication and improvement of hole mobility of Strained 3D p-type Fin FETs for 20-nm-1nm channel length	Prof. Dr. Mohammad Junaebur Rashid Department of EEE University of Dhaka.

Publications (2020-2021)

1. “Numerical approach to optimizing the doping concentration of the absorber layer to enhance the performance of a CdTe solar cell”. Jannatun Noor Sameera, Farjana Akter Jhuma and Mohammad Junaebur Rashid, *Semicond. Sci. Technol.* 36 (December 2020) 015022

2. “Promising magnetoelectric properties of (x)Ni_{0.46}Cu_{0.14}Zn_{0.40}Fe₂O₄ +(12x) Ba_{0.95}Sr_{0.05}Zr_{0.05}Ti_{0.95}O₃ multiferroic composites” Faria Ferdous, Ishtiaque M. Syed, and A. K. M. Akther Hossain *J. Mater. Sci: Journal of Materials Science: Materials in Electronics* volume 32, pages 8514–8534 (February 2021)
3. “Preparation of organic-modified magadiite–magnetic nanocomposite particles as an effective nanohybrid drug carrier material for cancer treatment and its properties of sustained release mechanism by Korsmeyer–Peppas kinetic model.” Mingliang Ge, Yueying Li, Caiping Zhu, Guodong Liang, Jahangir Alam SM, Guoqing Hu, Yuee Gui, Junaebur Rashid M, *Journal of Materials Science* volume 56, pages 14270–14286 (June 2021)
4. “Efficiency enhancement of CIGS solar cell by cubic silicon carbide as prospective buffer layer”. M. K. Sobayel, M. S. Chowdhury, T. Hossain, H. I. Alkhamash, S. Islam, M. Shahiduzzaman, Md. Akhtaruzzaman, K. Techato, M. J. Rashid, *Solar Energy*, Volume 224, August 2021, Pages 271-278
5. “Performance analysis of tungsten disulfide (WS₂) as an alternative buffer layer for CdTe solar cell through numerical modeling”. A. M. Islam, S. Islam, K. Sobayel, E. I. Emon, F. A. Jhuma, M. Shahiduzzaman, Md. Akhtaruzzaman, N. Amin, M. J. Rashid, *Optical Materials*, Volume 120, October 2021, 111296
6. “Room temperature ferroic orders in Zr and (Zr, Ni) doped SrTiO₃”. Shahrar Ahmed, A.K.M. Sarwar Hossain Faysal, M.N.I. Khan, M.A. Basith, Muhammad Shahriar Bashar, H.N. Das, Tarique Hasan, Intiaz Ahmed, *Results in Physics* 31 (2021) 104940 (22 October 2021)
7. “Bilayer CZTS/Si Absorber for Obtaining Highly Efficient CZTS Solar Cell”. M. S. Rahman, S. Islam, A. Khandaker, T. Hossain, M. J.

Rashid, Solar Energy, Volume, 230, Pages 1189-1198, November 2021

8. “Cubic Silicon Carbide (3C–SiC) as a buffer layer for high efficiency and highly stable CdTe solar cell”. Jannatun Noor Sameera, Mohammad Aminul Islam, Saiful Islam, Tasnia Hossain, MK Sobayel, Md Akhtaruzzaman, Nowshad Amin, Mohammad Junaebur Rashid, Optical Materials, Volume 123, January 2022, 111911

9. “Tuning the bandgap of $Cd_{1-x}Zn_xS$ ($x= 0-1$) buffer layer and CIGS absorber layer for obtaining high efficiency”. T. Hossain, M. K. Sobayel, F. T. Munna, S. Islam, H. I. Alkhamash, Khaled Althubeiti, S. M. Jahangir Alam, K. Techato, Md. Akhtaruzzaman, M. J. Rashid, Superlattices and Microstructures, Volume 161, January 2022, 107100

10. “First-principles prediction of pressure dependent mechanical, electronic, optical, and superconducting state properties of NaC_6 : A potential high- T_c superconductor”. Nazmun Sadat Khan, B. Rahman Rano, Ishtiaque M. Syed, R.S. Islam, S.H. Naqib, Results in Physics 33 (2022) 105182 (4 January 2022)

Biotechnology Research Centre (1985)

Chairman

Professor Dr. Md Akhtaruzzaman,
Vice-Chancellor
University of Dhaka

Director

Prof. Dr. Sharif Akteruzzaman
Department of Genetic Engineering and Biotechnology,
University of Dhaka

Council members

1. Dean, Faculty of Biological Sciences, University of Dhaka
2. Dean, Faculty of Pharmacy, University of Dhaka
3. Chairman, Department of Soil, Water and Environment, University of Dhaka
4. Chairman, Department of Botany, University of Dhaka
5. Chairman, Department of Zoology, University of Dhaka
6. Chairman, Department of Biochemistry and Molecular Biology, University of Dhaka
7. Chairman, Department of Fisheries, University of Dhaka
8. Chairman, Department of Microbiology, University of Dhaka
9. Chairman, Department of Genetic Engineering and Biotechnology, University of Dhaka
10. Chairman, Department of Psychology, University of Dhaka
11. Chairman, Department of Education and Counselling Psychology, University of Dhaka
12. Chairman, Department of Clinical Psychology, University of Dhaka
13. Prof. Dr. Shamima Nasrin Shahed, Department of Biochemistry and Molecular Biology, University of Dhaka (Vice-Chancellor’s nominee)
14. Prof. Dr. Jesmin, Department of Biochemistry and Molecular Biology, University of Dhaka (Vice-Chancellor’s nominee)
15. Prof. Dr. Sabita Rizwana Rahman, Department of Biochemistry and Molecular Biology, University of Dhaka (Vice-Chancellor’s nominee)
16. Prof. Dr. Anwarul Islam, Ex-Director, Biotechnology Research Centre

Research and other activities of the Centre

Biotechnology Research Centre is working to facilitate biotechnology research in medical science, agriculture and different areas of biological sciences. The Centre encourages faculty members from all the departments under the faculty of Biological Sciences to conduct research in various fields of biotechnology through providing research grants every year. Since its inception in 1985 the Centre has supported 267 research project. So far more than 95 research articles have been published in national and international journal based on the outcome of these research works supported by Biotechnology Research Centre. In the academic year of 2020-21 a total of 28

research projects have been selected and approved by the council for funding. All the projects have been completed successfully.

Seminar

A seminar on ‘Coronavirus (COVID-19) outbreak: Challenges and Concern for Bangladesh’ was organized by Biotechnology Research Centre on March 15, 2020. Prof. Dr. Md. Akhtaruzzaman, Vice- Chancellor, University of Dhaka was present as the chief guest. The Keynote speech was delivered by Prof. Dr. Benazir Ahmed, former director, Directorate General of Health Services. The seminar was presided by the Director of Biotechnology Research Centre, Prof. Dr. Sharif Akhteruzzaman.

Council meeting

Last council meeting of the centre was held on 07.01.2021. The council approved the proceedings of the last meeting and the budget of the centre for the fiscal year 202021.

Nazrul Research Centre (1988)

Chairman

Professor Dr. Md Akhtaruzzaman,
Vice-Chancellor
University of Dhaka

Director

Professor Dr. Soumitra Sekhar
Department of Bangla
University of Dhaka

Disaster Research Training and Management Centre (1989)

Chairman

Professor Dr. Md Akhtaruzzaman,
Vice-Chancellor
University of Dhaka

Director

Professor Dr. Naznin Afrose Huq
Department of Geography and Environment
University of Dhaka.

Research Officer

Mojammel Haque

Disaster Research Training and Management Centre,
Department of Geography and Environment, University of Dhaka.

Executive Members

(1) Treasurer, University of Dhaka (2) Dean, Faculty of Science, University of Dhaka (3) Dean, Faculty of social Science, University of Dhaka (4) Dean, Faculty of Biological Science, University of Dhaka (5) Dean, Earth and Environmental Sciences, University of Dhaka (6) Chairman, Department of Geography and Environment, D.U. (7) Professor nasrin Rafiq, Department of Geography and Environment, D.U (8) Professor Dr. Md. Shahidul Islam, Department of Geography and Environment, D.U (9) Professor Dr. Kazi Md. Fazlul Hoque, Department of Geography and Environment, D.U (10) Professor Dr. Md. Humayun Kabir, Department of Geography and Environment, D.U (11) Professor Nazmun Nahar, Department of Geography and Environment, D.U (12) Professor Dr. Md. Serajul Islam, Department of Geography and Environment, D.U (13) Dr. Nahid Rezwana, Associate Professor, Department of Geography and Environment, D.U, (14) S.M. Rafiqul Hassan, Assistant Professor, Department of Geography and Environment, D.U, (15) Al-Artat-Bin-Ali, Department of Geography and Environment, D.U (16) Chairman, Department of Geography and Environment, Jahangirnagar University (17) Chairman, Bangladesh Red Crescent Society, Dhaka (18) Chairman, Bangladesh Space Research and Remote Sensing Organization (SPARSO), Dhaka (19) Director General, Department of Disaster Management (DDM), Mohakhali, Dhaka (20) Director General, Department of Environment, Dhaka (21) Director, Bangladesh Meteorological Department, Dhaka (22) Director, Delta Research Centre, D.U (23) Director, Institute of Business Administration, D.U (24) Convener, Disaster Forum, Dhaka (25) Representative, Bangladesh Armed Force Division, Dhaka.

Annual activities of the centre for 2020-2021 session are as following :

Providing advanced research grants:

In order to provide advanced research grants Disaster Research Training and Management Center, University of Dhaka, requested for research proposals. In this regard, 3 (three) candidates from teachers and 11 (eleven) candidates from MS students applied and were selected for the grant.

Selected researchers from the teachers were given 30,000 (thirty thousand) taka each in two installments from this research grant. The students were given 5000 (five thousand) taka each from the grant.

Teachers who received grants already have submitted their research paper at the centre. Their names are mentioned below:

Teachers:

- 1) Dr. Md. Humayun Kabir, Professor, Department of Geography and Environment, University of Dhaka
- 2) Al Artat Bin Ali, Lecturer, Department of Geography and Environment, University of Dhaka
- 3) Raisa Sultana, Lecturer, Department of Geography and Environment, University of Dhaka

On 14th March, 2021 Disaster Research Training and Management Center organized a webinar on “Education Process with Technology for Formal Education”. Mr. Hussin Alam, Ph. D. fellow of the University of Wroclaw, Poland presented his research paper in the webinar.

There was an invitation for write-ups for Durjogbarta, the regular publication of the centre.

It is to be mentioned that due to COVID-19 pandemic, no further activities were undertaken from October 2020 to July 2021 as the centre remained completely closed for the time. The centre could not be run properly due to lack of fund at the time of pandemic in the 2020-2021 session.

Dr. Sirajul Haque Islamic Research Centre (2002)

President

Professor Dr. Md. Akhtaruzzaman
Vice-Chancellor
University of Dhaka

Director

Professor Dr. Muhammad Abdur Rashid

The Dr. Serajul Haque Centre for Islamic Research was established in 2002 with a view to expanding and encouraging research work in different respective fields of Islam. Since the date of its establishment the Centre has been executing seminars speeches, presentation and publication of articles aptly and duly. Prominent scholars and learned persons from home and abroad including Dhaka University take part in the research activities.

Journal of Dr. Serajul Haque Islamic Research Centre-Vols. 14 (July-December 2016), 15 (January-June 2017), 16 (July-December 2017), 17 (January-June 2018), 18 (July-December 2018), 19 (January-June 2019), 20 (July-December 2019), 21 (January-June 2020), 22 (July-December 2020) and 23 (January-June 2021) a combined issue is under process to be published.

Editorial Board

Editor : Prof. Dr. Muhammad Abdur Rashid, Director, Dr. Serajul Haque Centre for Islamic Research, D.U

Associate Editor : Dr. Md. Rafiqul Islam, Associate Professor, Dept. of Islamic Studies, D.U

Members : (1) Prof. Dr. Shah Kawther Mustafa Abululayee, Department of Philosophy, D.U; (2) Prof. Dr. Muhammad Abdul Latif, Department of Islamic Studies, D.U.; (3) Prof. Dr. Md. Shamsul Alam, Chairman, Department of Islamic Studies, D.U; (4) Professor Dr. A.K.M. Saiful Islam Khan, Department of Persian Language and Literature, D.U; (5) Prof. Dr. Feroza Yasmin, Department of Linguistics, D.U; (6) Prof. Dr. Hosne Ara, Department of Bangla, D.U.

Biomedical Research Center (1997)

Dierctor

Prof. A B M Faroque

Activities 2020-2021

Biomedical Research Centre when initiated in the year 1997, there was a grave situation prevailing in the country due to arsenic contamination in drinking water. In a vast area of Bangladesh comprising of many districts, the tubewells were lifting water tinted with high quantity of arsenic. This level was very hazardous for health and people who unknowingly had been drinking this water, started to suffer from arsenicosis. This endemic situation became a public health hazard at that time. There was another public health problem which was diarrhoea of the infants and children that became endemic too. This research centre started doing research on these two issues which afterwards lead to developing 'D-Arsenic'. It became a popular tool for arsenicosismitigationin in the affected areas of the country. Many patients got cured and returned to normal life. This treatment was given free of cost to them from this centre. Moreover, this centre discovered an anti-diarrheal drug 'Diaricide'. This medication created a good impact both among the people and the media at large.

Besides, scientists working in this centre were involved in various medicinal plant based research works. They were actively involved in doing research to isolate pharmacologically active compounds from various medicinal plants of the country. And since then, researchers of the Department of Pharmacy, and now of the Faculty of Pharmacy, have been using instruments of this centre. Thus to improve quality of our research works, we need more precision instruments. Fortunately, we have opportunities to get these highly expensive instruments as donations from various corners. But due to very acute space shortage at our premise, we face problems to improve our research capability.

Given this limitation, our centre has got some recent developments. Now it is more of the right type for Ph D, M Phil and M Pharm level research works and these researchers find these instruments much useful.

When this Coronavirus pandemic hit Bangladesh in March 2020, research works of the students and researchers associated with this centre was to a haltage. However some teachers and students of this faculty, came forward to produce hand sanitizers for free distribution amongst the teachers and students. This was done due to the fact that at the onset of this grave pandemic, hand sanitizers became scarce and were being sold at very high prices because of the limitless greed of the unscrupolous businessmen. Formula of this product and how to make i.e. the art of compounding were also disseminated free of cost to all the persons and organizations that were interested to know. This programme became widely acclaimed by the university community vis-á-vis the print and electronic media of that time. Many of these organizers started to produce hand sanitizers using our formula and know how.

Laboratory of this centre is now equipped with modern instruments like Laminar Air Flow, Shaking Incubator, Rotary Evaporator, Spectrophotometer, Hemolizer, Muffle Furnace, Moisture Analyzer, Electric Balance, Hot Air Oven, Incubator, Water Distillation Plant etc. More instruments are in the pipeline.

Currently, several research projects are undergoing for the interest of the state and its people. These are (i) Improving quality and setting standards of the Ayurvedic, Unani and Herbal medicines of the country, (ii) Preserving quality of the foodstuffs including iodized edible salt, (iii) Possible fortification of this salt with other micronutrients, (iv) Study possibilities of manufacturing active pharmaceuticals (APIs) from the natural sources of the country, and (v) Survey works related to various aspects of Coronavirus pandemic situation.

The centre has a collection of nearly 600 books of famous authors from home and abroad on various research works. These are being used by the teachers and students of relevant departments.

Bangladesh Australia Centre for Environmental Research (2003)

Founder Director

Professor Dr. S.M. Imamul Huq

Director (Acting)

Professor Dr. Shahid Akhtar Hossain

Research and Other Activities

The Bangladesh-Australia Centre for Environmental Research (BACER-DU) from its very beginning has been giving analytical services for soil, plant, waste, fertilizer and water in different sectors. The centre is a self-financed one. The centre has conducted various research programs on arsenic remediation and waste management. Some of the research works have been published in several national and international journals. The centre has collaborative research program with the Iwate University, Morioka, Japan, University of Turin, Italy, Soil Science Discipline of Khulna University, Soil Science Department of Chittagong University and Environmental Science and Resource Management Department of Mawlana Bhashani University of Science and Technology.

Dhaka University Cyber Centre (2003)

In December 2017, the Dhaka University Cyber Center was included with the ICT (Information and Communication Technology) Cell, including its management personnel & space at the TSC. It is now under renovation to converted as an international standard training center.

Arts Computer Center (2003)

Computer Fundamentals Course

Base No.	Course Duration	Total Student
34-A	23.10.2019-20.02.2020	27
35-A	16.03.2020-Running	23
37-B	20.02.2020-Running	27

Database Management System Course

14-B 18.02.2020- Running 25

Web Application

4th 08.09.2019-04.02.2020 24

Center in-Charge

Professor Dr. Md. Roknuzzaman

Part-Time Teacher

(1) Dr. Abu Khaled Mohammad Khademul Haque; (2) Dr. Asif Hossain Khan.

Dr. Abu Md. Delwar Hossain, Professor, Department of History, performed the responsibility as Chairman of the Arts Computer Center in this academic year (2020-2021).

Delta Research Centre (1991)

Director

Professor Dr. Kazi Matin Uddin Ahmed

Members

(1) Dr. Md. Anwar Hossain Bhuiyan, Professor, Department of Geology, DU; (2) Dr. Md. Bodruddoza Mia, Professor, Department of Geology, DU; (3) Dr. Md. Mostafizur Rahman, Associate Professor, Department of Geology, DU.

Research Projects

Sl	Name of Researcher	Topics of the research
1	Dr. Subrota Kumar Saha Professor, Department of Geology, DU	Geological mapping and study of the past sea-level records of the St. Martin's Island.

2	Prof. Dr. Md. Bodruddoza Mia Professor, Department of Geology, DU	Landslide Susceptibility Mapping using weights of evidence (WoE) and multi evaluation techniques: a case study of Khagrachari-Matiranga Road cut section, Khagrachari District in Bangladesh.
3	Dr. Md. Mustafizur Rahman Associate Professor, Department of Geology, DU	Origin and significance of Carbon Deposit at Sitakund Anticline, Bangladesh
4	Md. Yousuf Gazi Assistant Professor, Department of Geology, DU	Origin and characterization of Kaolinite clay lenses in the Dupi Tila Formation, Bengal Basin, Bangladesh.
5	Muntasir Akash Lecturer, Department of Geology, DU	Ecology and conservation of Fox <i>Vulpes bengalensis</i> , a vulnerable carnivore in human-dominated Barind landscape

বাংলাদেশে ব-দ্বীপ সংক্রান্ত সকল গবেষণাপত্রের অনলাইন Bibliography তৈরি করা হয়েছে, যা চলমান পর্যায়ে আছে এবং একটি গোল্ডেন ওয়েব পেইজ তৈরি করা হয়েছে। ওয়েব পেইজের লিংকটি : <https://sites.google.com/site/deltastudycenterdu/>

Centre for Advanced Research in Sciences (2004) [CARS]

Centre for Advanced Research in Sciences (CARS) was established in 2004 as a centre of excellence with the basic objective of creating state-of-the-art interdisciplinary research facilities for the scientists of the Centre, faculty members, and graduate students of science disciplines of the University of Dhaka and other research organizations to carry out advanced research to an internationally competitive level for human welfare and sustainable development of the country.

Director

Professor Dr. Md. Abdul Malek, MSc, PhD (Strathclyde)

Scientists

Chief Scientists

(1) Dr. Gazi Nurun Nahar Sultana, MSc, PhD (Ehime), (2) Dr. Md Latiful Bari, MSc, PhD (Osaka Prefecture).

Principal Scientists

(1) Dr. Md. Zakir Sultan, MPharm, PhD (Kongju National), (2) Dr. Rumana Akther Jahan, MSc, PhD (Tsukuba), (3) Dr. Sk Ariful Hoque, MPH, PhD (**Gunma**), (4) Dr. Rokeya Begum, MSc, PhD (Dhaka).

Senior Scientists

(1) Dr. Samiran Bhattacharjee, MSc, PhD (Jadavpur), (2) Dr. Asma Rahman, MPharm, PhD (Dhaka), (3) Hasina Akhter Simol, MS (Dhaka), (4) Dr. Md. Arafat Al Mamun, MS, PhD (Dhaka), (5) Dr. Mohammad Abdul Matin, MS, PhD (Pusan National), (6) Dr. Mohammad Nurul Huda, MS, PhD (Nagoya).

Senior Computer Scientist

Md. Abdur Rahman, MS (IT)

Scientists

(1) Dr. Tania Hossain, MS, PhD (Dhaka), (2) Md. Anowar Hosen, MS, MPhil (Dhaka), (3) Dr. Sharmin Zaman Emon, MS, PhD (Dhaka), (4) Farzana Yasmin, MS (on study leave).

Post-Doctoral Fellow

Dr. Md. Asaduzzaman Shishir, MS, PhD (Dhaka) (up to 31/12/2020)

Research Fellows

(1) Razia Sultana, MS (Dhaka) (up to 31/01/2021), (2) Ms. Amika Ahmed Manzum, MS (Dhaka).

Officers

Principal Accounts Officer: Md. Monir Hossain

Principal Administrative Officer: Safi Rezaoana

Executive Engineers: (1) Fazlul Haque, (2) Md. Fakrul Islam

Assistant Registrar: Mohammad Mosleh Uddin Khan

Senior Administrative Officer: Mohammad Ahashanul Kabir

Senior Technical Officers: (1) Mohammad Ashraful Islam, (2) Md. Mafizur Rahman, (3) Ummay Nasrin Sultana.

Technical Officers: Md. Abul Kalam Azad

Employees:

Class-II = 1, *Class-III* = 7 and *Class-IV* = 20

Scientific activities

(1) Research activities, (2) research supports/services, (3) education and training programs, (4) scientific seminar/symposium/conferences, (5) study tour, etc. The progress and development plan of these activities were discussed throughly in the C&D, RDA and LC meetings regularly.

Research Activities

The thirteen specialized laboratories, established with modern facilities for different disciplines and coordinated by thirteen Research Co-ordination Committees (RCCs) formed with the scientists of the centre and teachers of the university, were conducted by highly skilled scientists and faculties focusing on various research areas: (1) *Basic Facilities and Sample Processing Laboratory* (mainly for research supports and services), (2) *Environment and Analytical Chemistry Laboratory* (environmental pollution, water quality analysis, water and wastewater analysis, heavy metals, trace elements in biological fluids), (3) *Genetic Engineering and Biotechnology Laboratory* (genetic diseases, breast cancer, population and forensic genetics), (4) *Non-Linear Optics and Laser Spectroscopy Laboratory* (practical applications in industry, environmental monitoring, coal and mineral analysis), (5) *Drug Analysis and Research Laboratory* (new drug development, analysis of drug quality, bioavailability and bioequivalence, drug-metal and drug-drug interactions, herbal medicine), (6) *Food, Nutrition and Agriculture Laboratory* (food safety and food hygiene, chemical contaminants in food and drug, water and environmental microbiology, etc.), (7) *Material Science Research Laboratory* (nanomaterials and materials synthesis, materials chemistry, metal-organic frameworks, catalysis/adsorption, crystallography, solid solution chemistry, high temperature particle synthesis), (8) *Fermentation and Pilot Plant Laboratory* (fermentation biotechnology and industrial microbiology), (9) *Computer and Software Development Laboratory* (software development and engineering, application of machine learning in

software engineering, and computer simulation & modeling), (10) *Cell and Tissue Culture Laboratory* (molecular epidemiology, virology, cell culture, toxicology, commercially important antibiotic producing microbes, effect of climate change on emerging infections spreading in environment), (11) *Air Quality and Environmental Pollution Analysis Laboratory* (air pollution, particulate matter characterization), (12) *Psychological Assessment and Management Laboratory* (counseling on child and adult psychology), and (13) *Biological Hazard and Health Research Laboratory*, a newly established laboratory (analysis of biological hazards of multiple sectors including environmental, food and public health; interventions for controlling environmental pathogens, database development for biological hazard assessment in public health discipline, development of rapid detection technology for controlling biological hazards).

Major Scientific Equipment

X-Ray Diffractometer, DNA Sequencer, Atomic Absorption Spectrophotometer, Blocks Thermal Cycler, HybriBio System for detecting thalassemia mutation, Complete Gel Documentation System, Distilled water plants, Accelerated Stability Test Chambers, Air Quality Monitor (CO-analyzer, sulfur dioxide analyzer, ozone analyzer, oxide of nitrogen analyzer, particle size analyzer), Autoclave, Automatic food digestion chamber, Biosafety Cabinet, Bioreactor (5 L, 10 L, 100 L), CO₂ incubator, Differential Scanning Calorimeter, Disintegration Testing Equipment, Friability, Hardness Testing Equipment, Dissolution Testing Equipment, Electrochemical Work Station, Elemental Analyzer (CHNS/O), Fluorescence Invert Microscope, Fluorescence Spectrophotometer, Scanning Electron Microscope (SEM), Food Composition Analysis System, FT-IR Spectrophotometer, Gas Chromatograph, Hemocytometer for Cell Counting, HPLC System with UV, PDA, Fluorescence and RI detectors, Hybridization oven, Impedance Analyzer, Ion Exchange Chromatograph, Kjeldahl Estimation Unit, Kjeldahl Extraction System, Luminometer, Microplate Spectrophotometer, YAG Laser (Monochromator, Mounted on an Optical breadboard, Air Cooled Argon Ion Laser, Fiber Coupled Laser system, OPO with pump Laser system), PCR, RT-PCR, Refrigerated Centrifuge, Rotavapor, Thermogravimetric Analyzer, Total Organic Carbon (TOC) Analyzer, UV-VIS Spectrophotometer, Vacuum Concentrator, ELISA Reader, DO meter,

Nano pure water system, Quantus Fluorometer, DNA Gel Electrophoresis system, Industrial six gas analyzer

Research Projects/Grants

CARS Research Allocation

1. Evaluation of residual antibiotic and toxic metals in effluent treatment plant of pharmaceutical industries near Dhaka City. *Dr. Gazi Nurun Nahar Sultana and Farzana Yasmin.*
2. Production of biodiesel from waste cooking oil. *Md Anowar Hosen and Dr. Muhammad Nurul Huda.*
3. Determination of microplastics and heavy metals in surface water. *Farzana Yasmin and Dr. Gazi Nurun Nahar Sultana.*
4. Evaluation of methylenetetrahydrofolate reductase mutations as a cancer risk factor in Bangladesh. *Dr. Rokeya Begum and Dr. Gazi Nurun Nahar Sultana.*
5. Sequencing the inserted “Alu 2000bp” fragment in breast cancer patients to identify the related genes. *Dr. Gazi Nurun Nahar Sultana and Dr. Rokeya Begum.*
6. Fabrication of semiconducting nanoparticles and their non-linear optical properties. *Dr. Ishtiaque M. Syed, Dept of Physics and Dr. Aminul I. Talukder, Dept of Physics.*
7. Interaction among some selected metals and drugs using *in vitro* and *in vivo* analysis. *Dr. Zakir Sultan and Dr. S.M. Abdur Rahman, Dept. Clinical Pharmacy and Pharmacology.*
8. Screening of multiple antibiotic residues from cow-milk using High Performance Liquid Chromatography. *Dr. Asma Rahman and Dr. Md. Latiful Bari.*
9. Assessment and control of microbiological hazards on food packaging materials. *Dr. Sharmin Zaman Emon and Dr. Md. Latiful Bari.*
10. Hydrothermal assisted synthesis of metal oxide semiconductor nano-materials for energy producing devices. *Dr. Rumana Akhter Jahan and Dr. Samiran Bhattacharjee.*
11. Synthesis of 1-tetralone by heterogeneous catalysis. *Dr. Samiran Bhattacharjee and Hasina Akhter Simol.*

12. Preparation and characterization of chromium (Cr) doped bismuth (Bi) based ternary metal oxides, $\text{Bi}_2\text{Al}_y(\text{Cr}_x\text{Fe}_{1-x})_{4-y}\text{O}_9$. *Hasina Akhter Simol and Dr. Rumana Akhter Jahan.*
13. Production of bioethanol from agro-industrial residues. *Dr. Arafat Al Mamun and Amika Ahmed Manzum.*
14. User authentication and student attendance system. *Abdur Rahman and Dr. M. Shafiul Alam Khan, IIT.*
15. A DFT study on the metal ion selectivity of catechol complexes. *Dr. Abdul Matin and Abdur Rahman.*
16. Molecular characterization of Hand Foot Mouth Disease (HFMD) from children below five years age and their mode of spreading. *Dr. Sk. Ariful Hoque and Dr. Tania Hoain.*
17. Microbiological and physico-chemical properties of re-excavated canals of Dhaka city. *Dr. Tania Hoain and Dr. Sk. Ariful Hoque.*
18. Accumulation of particulate matter from air through dust-capturing plant species. *Dr. Muhammad Nurul Huda and Md Anowar Hosen.*
19. Efficacy of biodegradable organic sanitizers in controlling biohazards of currency notes/vegetables. *Dr. Md. Latiful Bari and Dr. Sharmin Zaman Emon.*

BANBEIS Grants

20. Chemical and morphological characteristics of particulate matter suspended in the air of the different dusty environment of Bangladesh. *Prof. Shahid Akhtar Hossain (Department of Soil, Water & Environment, University of Dhaka) and Dr. Muhammad Nurul Huda.*
21. Development of blood-based Biomarker from cell free DNA (cfDNA) for diagnosis of early breast cancer. *Dr. Gazi Nurun Nahar Sultana and Dr. Rumana Akhter Jahan.*
22. Investigation of leukotriene B4 receptor antagonists from Bangladeshi medicinal plants for treating and preventing asthma and respiratory inflammation. *Dr. Md. Zakir Sultan and Dr. Md. Asaduzzaman Shishir.*

Ministry of Science and Technology Grant

23. Characterization and optimization of fermentation condition for large-scale production of indigenous baker's yeast. *Dr. Md. Arafat Al Mamun and Dr. Sharmin Zaman.*

24. Prevalence and antibiotic resistance pattern of bacterial hazards from processing facilities and the environment surrounding small-scale poultry slaughter houses in Dhaka City. *Dr. Sharmin Zaman.*
25. Screening of anti-atherosclerotic medicinal herbs of Bangladesh. *Dr. Md. Zakir Sultan and Dr. Mohammad Abdul Matin.*
26. Allelopathic effect of soil microorganisms on selected plants. *Dr. Tania Hossain*
27. Isolation and characterization of bioactive compounds from indigenous fresh water algae of Bangladesh. *Md. Anowar Hosen*

Collaborative Research Grant

28. Metagenomic Analysis of Chicken Droppings to reveal antibiotics and heavy metal resistance dissemination in bacteria. Centennial Research Grant, University of Dhaka. *Professor Dr. Sabita Rezwana Rahman and Dr. Sk. Ariful Hoque.*
29. Scale up and optimization of fermentation processes from laboratory to the pilot scale for high density yeast biomass production. Centennial Research Grant, University of Dhaka. *Professor Dr. Dr. Md. Majibur Rahman and Dr. Md. Arafat Al Mamun.*

International Grant

30. National Geographic Society Grant (NGSG): Reconstructing the genomic history of Bangladesh: a genetic 'white spot'. *Dr. Gazi Nurun Nahar Sultana, Gyaneshwer Chaubey (Banaras Hindu University, India), Mait Metspalu (University of Tartu, Estonia).*
31. Japan Society for the Promotion of Science (JSPS): Impact of climate change and Rotavirus vaccine on viral gastroenteritis in Japan and Bangladesh. *Dr. Sk. Ariful Hoque collaboration with Nihon University, Japan.*

Published Research Articles

1. Srivastava, A., D. Das, R.K. Pandey, V. Singh, Gupta, N. R., **Sultana G.N.N.** and Chaubey, G. 2020. Genetic association of ACE2 rs2285666 polymorphism with Covid-19 spatial distribution in India. *J. Frontier Genetics-Evolutionary and Population Genetics, 11: 56474120.* DOI:[10.3389/fgene.2020.564741](https://doi.org/10.3389/fgene.2020.564741).
2. Singh, P.P., **Sultana G.N.N.**, Vishwakarma, S., Pilvar, A., Karmin, M., Rootsi, S., Villems, R., Metspalu, M., Behar, D.M., Kivisild, T.,

vanDriem, G., and Chaubey. G. 2020. Counting the paternal founders of Austroasiatic speakers associated with the language dispersal in South Asia. *European Journal of Human Genetics, 29(3): 528-532.* <https://doi.org/10.1038/s41431-020-00745-1>.

3. Rahman, M.M., **Sultana, G.N.N.**, Sarker, M.A.K. and M.M. Hossain *et al.* 2020. Alteration of p53, hMLH1, and HER2 gene in Bangladeshi Gastric Cancer Patients: their association with *H.pylori* infection and clinicopathological factors. *Middle East Journal of Cancer*, DOI:[10.30476/MEJC.2020.84147.1207](https://doi.org/10.30476/MEJC.2020.84147.1207)
4. Islam, M.T., **Sultana, G.N.N.**, Khan, R., Islam, A., and Raihan, S.Z. 2021. Study on mitochondrial ATPase6 gene polymorphisms as a genetic risk factor for breast cancer in Bangladeshi women. *Int. J. Sci. Res. in Dental & Medical Sciences, 3(1):18-22.* [10.30485/IJSRDMS.2021.270577.1107](https://doi.org/10.30485/IJSRDMS.2021.270577.1107)
5. Begum, R., Sajib, A.A., Islam, A.B.M.K., Qadri, F., Aktheruzzaman, S. *et al.* 2021. MUT gene variants in patients with methylmalonic acidemia in Bangladeshi population and their distinguishing metabolic profiles. *Meta Gene. 30, 100954.*
6. Rahman, M.M., Lisa, L.A., Ahmed, S., Uddin, M.N., Hasan, T., & **Zaman, S.** 2020. Isolation and characterization of beneficial microorganisms in organic, semi-organic and conventional fertilizer treated agricultural field soil and comparison of bacterial richness. *Journal of Agricultural Chemistry and Environment, 9(04): 223.*
7. Ali, M. Z., Islam, M. M. and **Zaman, S.** 2020. Effects of turmeric powder on *Clostridium Perfringens* Load in broiler chickens. *SAARC Journal of Agriculture, 18(1): 209-218.*
8. **Rahman, A.**, Naznin, M., and **Bari, L.** 2021. Simultaneous estimation of multiple antibiotic residues from chicken samples using High Performance Liquid Chromatography (HPLC). *Journal of Agriculture, Food and Environment, 2(1):20-26.*
9. Ahmmmed, T., **Rahman, A.**, Salma, U., Akter, Z., Ansary, M.M.U., Khalil, M.I., Karim, N. and **Bari, L.** 2020. Nutritional, phytochemicals and antioxidant properties of some popular pulse varieties of Bangladesh. *Journal of Agricultural Chemistry and Environment, 9: 343-368.* <https://doi.org/10.4236/jacen.2020.94025>

10. S. K. Banik, S. Iftekhar, A. F. M. M. Rahman, **M. L. Bari** and M. S. Islam. 2021. Bioactive potential of *Aphanamixis polystachya* seed extracts. *Bangladesh J. Sci. Ind. Res.* 56(2), 75-86.
11. Mahmud, Y., Uddin, N., Akter, T., Uddin, M., Chowdhury, A.M.S., **Bari, M.L.**, Mustafa, A.I. and Shamsuddin, S.M. 2020. Enhancement of antimicrobial properties of shoe lining leather using chitosan in leather finishing. *Advances in Materials Res*, 9(3): 233-250. doi: <https://doi.org/10.12989/amr.2020.9.3.233>
12. Yamashoji, S., **Mamun, A.A. and Bari, L.** 2020. Visual and simple determination of glucose-induced acidification by yeast cells: application to rapid cytotoxicity test. *Heliyon*, 6: 03924.
13. Hossain, M.J., **Sultan, M.Z.**, Rashid M.A., and Kuddus M.R. 2021. Interactions of linagliptin, rabeprazole sodium, and their formed complex with bovine serum albumin: computational docking and fluorescence spectroscopic methods. *Analytical Science Advances*, 2:480-494. doi.org/10.1002/ansa.202000153
14. Hossain, I., Soliman, M.M., El-Naggar, M.E., **Sultan, M.Z.**, Kechi, A., Abdel-Salam, N.R., Abu-Saied, M.A., and Chowdhury, M. 2021. Synthesis and characterization of graphene oxide-ammonium ferric sulfate composite for the removal of dyes from tannery wastewater, *Journal of Materials Research and Technology*, 12:1715-1727. <https://doi.org/10.1016/j.jmrt.2021.03.097>.
15. Aktar, F., **Sultan, M.Z.** and Rashid, M.A. 2021. Chromium (III) complexes of metformin, dapagliflozin, vildagliptin and glimepiride potentiate antidiabetic activity in animal model. *International Journal of Current Research and Review*, 13(5): 64-69. <http://dx.doi.org/10.31782/IJCRR.2021.13506>.
16. Hossain, M.J., Kuddus, M.R., Rashid, M.A. and **Sultan, M.Z.** 2021. Understanding and dealing the SARS-CoV-2 infection: an updated concise review. *Bangladesh Pharmaceutical Journal*, 24(1): 61-75.
17. Dey, S., **Sultan, M.Z.** and Salam, M.A. 2021. Synthesis, characterization of ceftibuten-copper (ii) complex and prediction of its biological activity. *Asian Journal of Chemistry*, 33(1): 190-194. <https://doi.org/10.14233/ajchem.2021.22982>.
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Books/Guidelines

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2. **Bari, M.L.** and **Mamun, M.A.A.** 2021. Microbial safety issues related to probiotic beverages and the organisms used in their manufacture. *In* Probiotic Beverage, (Eds.) S.K. Panda, J. Kellershohn, I. Russell, Academic Press, London, United Kingdom.
3. **CARS Council.** 2020. Biological Hazard and Health Research Laboratory: operational guidelines, University of Dhaka.

Research Support/Services

A total of 680 samples supplied by 175 researchers of University of Dhaka and outside Dhaka University was analyzed mainly to perform thesis work of their M.S, M.Phil, and PhD students. In addition, 5 PhD students, 2 MPhil students and 37 MS/MPharm students performed their thesis work in different laboratories in CARS. Besides these, more than **62500** clinical samples were tested for Covid-19 in the Biological Hazard and Health Research Laboratory and the results were delivered to the Directorate General of Health Services (DGHS).

Training Programs Conducted

To develop highly skilled scientific and technical human resources, the scientists of different laboratories of CARS have conducted several training programs as follows:

1. Seven days of training on 'Genetic Analyzer' for resident physicians from BSMMU in November 2020.
2. Virtual Seminar on "*Innovation on all fronts: Examples of the broad use of Genomics across South Asia*" dated 19th November 2020.
3. Two days of in-house training on "Grant Proposal Writing" March 9-10, 2020.
4. Online training on "Basic method of DNA sequencing" to MS thesis students of BSMR Maritime University April 4-6, 2021.

5. Five-day training course "Laboratory Medicine" for the MD students of BSMMU in December 2020.
6. Forty-five volunteers have been trained according to Biosafety and Biosecurity rules to run the detection technique of Covid-19 samples.

Seminar/Symposium/Conferences

1. S. Shahrukh, *M.N. Huda*, M.M. Islam, S.A. Hossain and M.E. Hossain. Removal of particulate matter from ambient air by four evergreen tree species in Dhaka, Bangladesh; 33rd Annual conference of the International Society for Environmental Epidemiology, 2021.
2. *M.N. Huda et al.* Accumulation of particulate matter from ambient air by four evergreen tree species in Dhaka, Bangladesh. *International Conference on Science and Technology for Celebrating the Birth Centenary of Bangabandhu (ICSTB-2021)*, Dhaka, Bangladesh: March 11-13, 2021.
3. *M.N. Huda et al.* Evaluation of air pollution tolerance index and anticipated performance index of four roadside tree species in Dhaka, Bangladesh. *International Conference on Science and Technology for Celebrating the Birth Centenary of Bangabandhu (ICSTB-2021)*, Dhaka, Bangladesh: March 11-13, 2021.
4. *M.N. Huda.* Removal of particulate matter and associated trace elements from ambient air by four evergreen tree species in Dhaka, Bangladesh. *2nd International Conference on Advancement of Life Sciences (ICALS 2021)*, Tangail, Bangladesh: March 12-13, 2021.
5. *M.N. Huda.* Ascorbic acid content in tree leaves as a proxy of air pollution in cities. *2nd International Conference on Advancement of Life Sciences (ICALS 2021)*, Tangail, Bangladesh: March 12-13, 2021.

Philanthropic Services during COVID Pandemic

From the national service point of view, the University authority has set up a standard Covid-19 Testing Laboratory in the CARS for analysis of the supplied clinical samples in May 2020, and has upgraded it to a Biological Hazard and Health Research (BHHR) Laboratory in August 2020 for enhancing analysis and research on various biological hazards from food, environment and clinical samples along with their impacts on human

health that can also meet the current demand of the society. As a centre of excellence, the CARS played a vital role in COVID-19 testing of the supplied 54000 clinical samples supplied from Government of Bangladesh and 8500 clinical samples collected from the University residences, and the results were delivered to the Directorate General of Health Services (DGHS). The philanthropic services provided by the faculty members and graduates of the Department of Microbiology, Department of Biochemistry and Molecular Biology and Department of Genetics and Biotechnology, scientists, officers, and staff of the CARS under the national emergence to operate the laboratory were highly appreciated by the University authority and the Government of Bangladesh. Scientists and faculties of the University were interested to accelerate diagnosis and research in BHHR laboratory to assist in controlling the spread COVID-19 in the country and accordingly graduates were also trained up by CARS to serve other testing laboratories in the country and its scientists remained involved in various research to find new ways to detect, prevent and treat COVID..

Seminar Library and Other Services

A Seminar Library, situated on the 4th floor, is rich with valuable books, journals, and magazines useful for scientific research. The centre provided general services, including a cafeteria, conference room, committee room, and guest rooms. The well-decorated, 140-seated cafe of CARS. The guest rooms of CARS are also well furnished and equipped with Internet and TV and bathroom has geysers for hot water supply. The 70-seated conference room on the first floor of the CARS building is used for various workshops, conferences and seminars.

Center For Buddhist Heritage and Culture (2008)

President

Professor Dr. Md. Akhtaruzzaman
Vice-Chancellor
University of Dhaka

Director

Professor Dr. Belu Rani Barua, M.A. (D.U.), Ph.D. (Dhaka)
Pali and Buddhist Studies Department
Dhaka University

Members

Professor Dr. Sukomal Barua, M.A. (C.U.), Ph.D. (Benaras, India)
Professor Dr. Dilip Kumar Barua, M.A. (D. U.), Ph.D (Aichi, Japan)
Professor Dr. Biman Chandra Barua, M.A. (D.U.), Ph.D. (Dhaka)
Professor Dr. Suman Kanti Barua, M.A. (D.U.), Ph.D. (Dhaka)
Professor Dr, Sumangal Barua M.A. (D.U.), Ph.D (Benaras, India)
Dr. Prab Kumar Barua, M.A. (C.U.), Ph.D. (Benaras, India)
Dr. Neeru shansun Nahar, (M.A. (D.U.), Ph.D. (India)

Centre for Interreligious and Intercultural Dialogue (2008)

President

Professor Dr. Md. Akhtaruzzaman
Vice Chancellor
University of Dhaka

Director

Dr. Fazrin Huda
Department of World Religions and Culture
University of Dhaka

Managing Committee

(1) Professor Dr. Akhtaruzzaman, Vice Chancellor, University of Dhaka;
(2) Professor Dr. Abu Md. Delower Hussain, Dean, Faculty of Arts, University of Dhaka; (3) Professor Dr. Sadeka Halim, Dean, Faculty of Social Sciences, University of Dhaka; (4) Professor Dr. Aminul Islam, Department of Philosophy, University of Dhaka; (5) Dr. Fr. Tapan De Rozario, Dept. of World Religions and Culture, University of Dhaka; (6) Ms. Eva Sadia, Dept. of World Religions and Culture, University of Dhaka; (7) Md. Shekh Farid, Dept. of World Religions and Culture, University of Dhaka; (8) Dr. Fazrin Huda, Dept. of World Religions and Culture, University of Dhaka.

Activities of the Centre for Interreligious and Intercultural Dialogue**February 17-18, 2021****International Webinar on Inter-religious Dialogue for Peace and Harmony**

In order to celebrate the World Interfaith Harmony Week, announced by the United Nations, the Centre for Interreligious and Intercultural Dialogue (CIID) and the Department of World Religions and Culture (WRC), University of Dhaka jointly organized an International Webinar on Inter-religious Dialogue for Peace and Harmony from February 17th-18th 2021. This two-day long international webinar on inter-religious harmony was inaugurated by the Honourable Vice-Chancellor of University of Dhaka, Professor Dr. Md. Akhtaruzzaman and keynote addresses were given by Professor Dr. Syed Anwar Hossain, Department of History, University of Dhaka and Dr. Vincent Sekhar, Former Director, Institute of Dialogue with Cultures and Religions (IDCR), Chennai and Associate Professor, Department of Philosophy, Arul Anandar College, Tamil Nadu, India. During the inaugural ceremony, the welcome address was given by Professor Dr. Fazrin Huda, Director, CIID, University of Dhaka and words of appreciation was given by Dr. Fr. Soosai Lawrence S.J. Jeevan Sangham, Bihar, India. Distinguished academicians and researchers of inter-religious harmony presented their research papers on different themes, e.g., Religion and Peace Building: Methods and Theories; Covid-19 Pandemic and Religious Practices; Unlocking the Potentials of Interreligious Dialogue: Challenges of South Asia; Environment and Religion: Prospects and Retrospective, during this two-day long international webinar. The international webinar was concluded with a valedictory speech from Professor Dr. Kazi Nurul Islam, Founder Chairman, Department of World Religions and Culture, University of Dhaka and with vote of thanks from Professor Dr. Fazrin Huda, Director, CIID, University of Dhaka.

2nd Inter-religious Harmony Debate Festival 2021**February 3-7, 2021**

In order to celebrate the birth centenary of the Father of the Nation Bangabandhu Sheikh Mujibur Rahman, the golden jubilee of Bangladesh's independence and the centenary celebration of University of Dhaka, once again the Centre for Interreligious and Intercultural Dialogue (CIID), the Department of World Religions and Culture (WRC) and World Religions Debating Club, University of Dhaka jointly organized the 2nd Inter-religious Harmony Debate Festival 2021, on the virtual platform Zoom, from 3rd-7th February 2021. The five-day long debate festival was inaugurated by Professor Dr. Fazrin Huda, Director, CIID, University of Dhaka and Professor Dr. Mahbuba Nasrin, Chief Moderator, Dhaka University Debating Society (DUDS) joined the program as the chief guest. The concluding ceremony of the debate festival was held on 6th March 2021 on the theme of "Bangabandhu and Inter-religious Harmony". The chief guest of the concluding ceremony was Doctor Dipu Moni, MP, Honourable Minister, Ministry of Education, Government of the People's Republic of Bangladesh. Professor Dr ASM Maksud Kamal, Honourable Pro-Vice Chancellor (Academic), University of Dhaka; Professor Dr. Fazrin Huda, Director, CIID, University of Dhaka and Shafiul Islam, Moderator, World Religions Debating Club, University of Dhaka also gave their addresses at the ceremony as special guests amongst others. The Department of Economics, University of Dhaka was announced as the champion team while the Department of Law, Premier University became runner-up of this debate competition.

Inter-religious Harmony Short story Writing Competition 2021**26 January- 08 February, 2021**

To celebrate the golden jubilee of Bangladesh's independence and the centenary celebration of University of Dhaka, once again the Centre for Interreligious and Intercultural Dialogue (CIID) and the Department of World Religions and Culture (WRC), University of Dhaka jointly organized the Inter-religious Harmony Short-story Writing Competition 2021 from 26th January-8th February. The honourable judges of this competition were Professor Dr Sakhawat Ansari, Department of

Linguistics, University of Dhaka and Professor Niranjana Adhikari, Department of Sanskrit, University of Dhaka. The top three short stories' writers were awarded after a rigorous competition from amongst a good number of submissions.

Inter-religious Harmony Art Competition 2021

To celebrate the birth centenary of the Father of the Nation Bangabandhu Sheikh Mujibur Rahman, the Centre for Interreligious and Intercultural Dialogue (CIID) and the Department of World Religions and Culture (WRC), University of Dhaka jointly organized the Inter-religious Harmony Art Competition 2021 from 26th January-8th February. The honourable judges of this competition were Dr Mohammad Jahangir Alam, Associate Professor, Department of World Religions and Culture, University of Dhaka and Md Abdul Momen Milton, Associate Professor, Department of Crafts, University of Dhaka. The top participants were awarded after a rigorous competition from amongst a good number of submissions.

Centre for Administrative Research and Innovation (CARI) (2007)

Chairman

Professor Dr. Aka Firowz Ahmad

Director

Professor Dr. Mobasser Monem

Established in 2007, the Centre for Administrative Research and Innovation (CARI) has been involved in conducting research and studies in the fields of governance and administration. It has also been organizing seminars, workshops and discussions on different contemporary issues in the allied fields.

Professor Dr. Aka Firowz Ahmad of the Department of Public Administration is performing his duties as Chairman, while Professor Dr. Mobasser Monem of the same Department is working as the Director of this Centre.

Centre for Moral Development (2009)

Director

Professor Dr. Shah Kawthar Mustafa Abululayee

The Centre for Moral Development was established in the Dept. of Philosophy, University of Dhaka in 2009 with the objective of freeing the society from all kinds of injustice, crimes and corruption. During the session 2020-2021 Professor Dr. Shah Kawthar Mustafa Abululayee worked as the Director of the Centre.

Webinar held during the session of 2020-2021 :

Date	Subject	Speaker	Discussant	Chairman
7-1-2021	Global Health Justice and Identifying Social Determinants of Health: A Case Study of Dengue Pandemic in Dhaka City, Bangladesh	Prof. Dr. Farid Ahmed Dept. of Philosophy Jahangirnagar University	Prof. Dr. Nayeema Haque Dept. of Philosophy University of Dhaka	Prof. Dr. Md. Akhtaruzzaman Vice Chancellor University of Dhaka
23-6-2021	Concept of Islamic and Western Morality:	Prof. Dr. Sirajul Islam Dept. of Philosophy and	Prof. Dr. Md. Akter Ali Dept. of Philosophy	Prof. Dr. Anisuzzaman Vice Chancellor Global University

	A Comparative Analysis	Comparative Religions Vishwabharit y University West Bengal, India	Rajshahi University	Bangladesh
28-6-2021	Ethical Philosophies of Iqbal and Tagore: A Comparative Analysis	Prof. Dr. Latif Hossain Shah Kazmi Dept. of Philosophy Aligarh Muslim University UP, India	Prof. Dr. Fakrul Alam UGC Professor Dept. of English University of Dhaka	Prof. Dr. M. Samsher Ali Ex-Vice Chancellor Bangladesh Open University

World Philosophy Day 2020

Department of Philosophy, Dev Centre for Philosophical Studies, Centre for Moral Development and Philosophy Department Alumni Association organised World Philosophy Day 2020 on 19 November, 2020 on Zoom platform. Professor Dr. Nayeema Haque, Department of Philosophy, University of Dhaka presented a paper entitled “Viral Disease and the Position of Individual Patient: Bioethics Versus Ethics of Public Health.” The Chief Guest was the Vice Chancellor Professor Dr. Md. Akhtaruzzaman. Dean of the Faculty of Arts Professor Dr. Abu Md. Delwar Hossain was the Special Guest. Professor Dr. Shah Kawthar Mustafa Abululayee, Director, Centre for Moral Development, University of Dhaka delivered welcome address. Mrs. Mahfuza Rahman Chowdhury Babli, General Secretary, Dhaka University Philosophy Department Alumni Association and Professor Fahmida Rabbi, Head of the Department of Philosophy, Eden College spoke on the occasion. The programme was presided over by the Chairman of the Department of Philosophy Professor Dr. A.K.M. Haroonar Rashid (Haroon Rashid). A Souvenir, edited by Professor Md. Nuruzzaman was published on this occasion.

Centre for Advanced Research in Arts & Social Sciences (2012)

Director

Professor Dr. Abdul Bashir, MA in Islamic History & Culture; Ph.D. in Islamic History & Culture

Senior Research Fellow

Kazi Sameeo Sheesh, MSS in Economics; MDS (BRAC University), MA in International Education (The George Washington University, USA), MA in Educational Research and Evaluation (University of Sussex, UK).

Others

The center employs 01 third class and 08 fourth class employees.

Annual Activities

- The Centre is conducting two research projects on *Teacher-student relations at Dhaka University: An Analysis* and *The present and future of Dhaka University: Students' Thoughts in the Centenary*.
- The book 'Women Freedom Fighters in the War of Life' and a collection of essays on commemorate the centenary of Bangabandhu's birth have been published by the Centre.
- As part of the celebrations of the centenary of Bangabandhu's birth a lecturers are being organized by the Center for Advanced Research in Arts and Social Sciences (CARASS) and Bangabandhu Sheikh Mujib Research Institute for Peace and Liberty (BSMRIPL). Out of 17 lectures 9 lectures have been held and after organizing the remaining 08 lectures, a 'research book' will be published.
- AKM Abdul Hamid and Begum Selima Jahan Memorial Research Scholarship-2020 has been awarded to 02 (two) PhD researchers belonging to different departments of the Faculty of Arts and Social Sciences of Dhaka University.

- The work of Dhaka University (1921-2000) Book Preparation Project (Rooms No. 202 and 203) is being carried out for the centenary of the University of Dhaka.
- CGS, IQAC, CoETL, ICE, Office of the International Affairs, OIC Chair and other offices are operating the functions at the CARASS premise.
- CARASS Centre has set up an elevator with the support of 'Disaster Management and Social Responsibility Fund of Bangladesh Bank'.

Scandinavian Study Centre (2013)

Director

Professor Dr. Sikder Monoare Murshed

The Scandinavian Study Centre (SSC), University of Dhaka was the Bangladesh Hub for Blended Learning Courseware for Teacher Educators in Asia and Europe (BLTeae) for the project and the project officially closed in early 2020. From the inception of the project, the Scandinavian Study Centre (SSC) was actively involved in preparing online-based Courseware – which became really helpful for the online-based education during the COVID situation. Moreover, the centre officially posted and disseminated the activities and online teaching options through posters, festoons, and digital campaigns. Also, faculty members from the University of Dhaka participated in the 1st International Conference on Education in the Digital Ecosystem (ICEdDE 2019): “Blended Learning in Teacher Training – Innovation and Good Practices” located in Kuching, Sarawak, Malaysia from 19 August to 22 August 2019. The Scandinavian Study Centre (SSC) funded and supervised the participation of the 09 faculty members of the University of Dhaka – all the participants represented The University of Dhaka and presented subject-oriented paper in the conference. The participants were - Dr. Md. Rahmat Ullah (Law), Dr. Abdul Bashir (Islamic History & Culture), Dr. Lafifa Jamal (Robotics and Mechatronics Engineering), Dr. Mahbub Ahsan Khan, Tahmina Hoq and

Sabbir Ahmed Chowdhury (IER), Dr. Sabita Rezwana Rahman (Microbiology), (Dr. Sikder Monoare Murshed & Mashrur Imtiaz (Linguistics). The conference aimed to address this transformation process by bringing together leading policymakers, academic scientists, researchers, teacher trainers, and teachers in the international setting where researchers from Asian & European countries were present. The proceeding of the 1st International Conference on Education in the Digital Ecosystem (ICEdDE 2019) has been successfully published by DEStech Publications, Inc, USA, with the ISBN number 978-1-60595-658-9 in January 2020.

Centre for Cultural Research of Bangladesh

Chairman

Professor Dr. Md. Akhtaruzzaman
Vice Chancellor
University of Dhaka.

Director

Professor Dr. Rafiqullah Khan

Professor Dilip Kumar Bhattacharyya Research Centre (2006)

Chairperson

Professor Dr. A. S. M. Maksud Kamal
[Pro-Vice Chancellor (Education)]
University of Dhaka

Director

Professor Dr. Malabika Biswas
Department of Sanskrit
University of Dhaka

Member

Prof. Dr. Abu Md. Delwar Hosain,
Dean, Arts Faculty, University of Dhaka

Prof. Dr. Dulal Kanti Bhowmik
Dept. Of Sanskrit, University of Dhaka

Prof. Dr. Asim Sarkar
Dept. Of Sanskrit, University of Dhaka

Prof. Dr. Mohammad Bahauddin
Dept. of Persian Language and Literature

Namita Mandal
Chairman
Dept. Of Sanskrit, University of Dhaka

During the Academic Year 2020-2021, Professor Dr. Malabika Biswas served the “Professor Dilip Kumar Bhattacharyya Research Centre” as the director.

Activities of the Centre**Publication****Journal**

The Eleventh Volume (June-2021) of *Prachyavidya Patrika* was published from “Professor Dilip Kumar Bhattacharyya Research Centre”, edited by Professor Dr. Malabika Biswas.

Prachyavidya Patrika: Special Volume 2021: A Commemorative Publication Celebrating the centenary of the University of Dhaka, the Golden Jubilee of Independence and the Birth Centenary of the Father of the Nation Bangabandhu Sheikh Mujibur Rahman, Edited by Professor Dr. Malabika Biswas was published from “Professor Dilip Kumar Bhattacharyya Research Centre”.

Book

Paresh Chandra Mandal *Rachanā - Samkalan* [A Collection of Writings of Paresh Chandra Mandal] edited by Dr. Malabika Biswas, Professor, Department of Sanskrit, University of Dhaka and Dr. Mayna Talukdar, Associate Professor, Department of Sanskrit, University of Dhaka was published from “Professor Dilip Kumar Bhattacharyya Research Centre”.

Dhaka University Arboriculture Centre

Arboriculture is the cultivation, management, and study of individual trees, shrubs and other perennial woody plants. It is both a practice and a science. From inception, the “Arboriculture Centre” has been dedicated to promoting tree preservation, landscaping and beautification of the Dhaka University Campus. The mission of the centre is to improve the practice of tree preservation, to stimulate a greater interest in the planting and preservation of ornamental trees, to cooperate in the conservation of trees and in the beautification of the landscape of our beautiful campus.

Director

Professor Dr. Mihir Lal Saha

Feku Lal Ghosh, Senior Technical Officer for overall supervision of plantation and beautification

Messenger cum Peon: 02 (Two)

Gardener: 12 (Twelve)

Sweeper: 02 (Two)

Security Guard: 03 (Three)

Daily basis workers: 06(Six)

Direct Jurisdiction of Arboriculture Centre: Arboriculture Centre directly takes care of the following areas for landscaping, plantation and beautification throughout the year.

1. Curzon Hall Area
2. Mokarrom Hossain Campus and Nursery behind the Science Library

3. National Poet Kazi Nazrul Islam Mausoleum
4. Dhaka University Central Mosque
5. Raju Vashkorjo
6. Trees along the roadside of DU campus
7. Road Medians of Nilkhet to TSC
8. Six Road Medians around the Shaheed Miner Area
9. Roadside of Shaheed Munir Chowdhury Bhaban

Arboriculture centre extends their co-operation in tree plantation and beautification whenever any actions are undertaken to improve the environment and gardens by the Provost of any hall, Dean of any faculty and university residential quarters.

Tree plantation program: Every year Arboriculture Centre observes tree plantation program with the guideline of the “Plantation and Beautification” committee. Following health guidelines under the threat of Covid-19 pandemic the plantation program of this session (2020-2021) was held on 12 July, 2020 in front of Shamsun Nahar Provost Bungalow road island in which Professor Dr. Md. Akhtaruzzaman, Honorable Vice Chancellor, was the Chief Guest Professor Dr. Mihir Lal Saha, Director, Arboriculture Centre, Mrs. Supriya Das, Estate Manager, Mr. Feku Lal Ghosh, Senior Technical Officer and most of the Staffs of the Arboriculture were present in this program. Honorable Vice Chancellor as Chief Guest inaugurated the tree plantation program by planting a seedling of indigenous violet indigenous Crape myrtle (*Lagerstroemia indica*), on this occasion, there were about 12 different colours of Crape myrtle (violet, pink and white coloured Crape myrtle), Hibiscus, Bauhinia and Mni Ixora were planted in that road island.

During this academic session, about 600 seedlings of different plants of interest for beautification and environment like Weeping Polyalthia, Vitex, Yellow Alocasia, Bougainvillea, Areca nuts, Acalypha were planted in different places of the campus. As per request, a good number of seedlings and cuttings of different plants were distributed among different students’ halls and residential areas of DU campus.

Plantation and beautification program of the road medians of Nilkhet to TSC and road medians around Shaheed Minar area and Roadside of Shaheed Munier Choudhury Bhaban were carried out by five daily basis workers. Above all, Arboriculture Centre is an important institute for providing and maintaining the natural environment of the university. This centre also takes care all big and old trees of the campus through cutting away the old and died risky branches of the trees.

Arboriculture Centre has a reserve of 500 pot plants for decoration during different festivals. The Centre provided these pot plants during fresher’s reception, cultural programs, national and international conference, seminar etc. as per demand of different Departments/Institutes on temporary basis.

Trimming program: It's important to trim young and mature trees so they remain healthy. Dead and crowding branches can be removed so that sunlight can reach the tree's interior. Trimming also promotes blooming and fruit production on flowering and fruit trees. It's important to trim branches at the right time of year and use the proper technique. With this view, every year Arboriculture Centre is doing proper trimming of our ornamental trees around Curzon Hall campus.

International Mother Language day program: Under the Covid-19 pandemic all the road medians around central Shaheed Minar were fully decorated by the collected 2200 different ornamental plants and seasonal flower plants such as red hybrid red color Salvia, Inca Marigold, Dianthus, Dahlia, Cosmos, Rhapis palm etc.

Nazmul Karim Study Center (2000)

President

Professor Dr. Md. Akhtaruzzaman
Vice Chancellor
University of Dhaka.

Director

Professor Dr. A K M Jamal Uddin

The Nazmul Karim Study Center (NKSC) was established in the year of 2000 to mark respect to Prof. Dr. Nazmul Karim, the first Bangalee professor of the Sociology department. In brief, it can be stated here that Prof. Dr. Nazmul Karim was born in 1922 and died on November 18, 1982. Before joining the Sociology department, he was teaching at the Political Science department. The outstanding professor and scholar of Sociology taught at the department for long 22 years. Professor Syed Ahmed Khan was appointed as the first director of Nazmul Karim Study Center (2000-2001). After his death, Professor Qamrul Ahsan Chowdhury was the director for a long time (2001-2013). Dr. Nehal Karim performed his duties as a director from 2013 to 2019. Then, Dr. A K M Jamal Uddin was appointed as the director from the same Department.

The aims and objectives of the Nazmul Karim Study Center is to conduct series of lectures with the participation of the distinguished scholars, teachers and other distinguished personalities of the society on the contemporary issues in the socio-economic-political and cultural arena. The center also publishes a research journal titled “Journal of Sociology”.

On 21 November 2013, Dr Nehal Karim Professor of Sociology took charge as the Director of the center. After assuming change of the center, following lectures were held.

1. Journal of Sociology. Date of Publication: December 2020
2. Journal of Sociology. Date of Publication: June 2021
3. Journal of Sociology. Special Issue Date of Publication: June 2021
4. Centennial Special Book
5. Dr Ali Reaz presented paper on Fifty years of nature and trend in the politics of Bangladesh 12-04-2021 (Online Lecture).
6. Professor Dr. Abul Kashem Mozumder, presented paper on Bangabandhu’s Vision of Public Administration An Appraisal of Contemporary Context on 29 March 2021.(On line Lecture)
7. The website of Nazmul Karim Study Center is constructed. Address: www.nksedu.com
8. On 17 March 2020, Nazmul Karim Study Center paid homage to shrine of Bangabandhu Sheikh Mujibur Rahman on the occasion of Mujib 100 years.

Dhaka University History Research Centre (1988)

Chairman

Professor Dr. Md. Akhtaruzzaman
Vice Chancellor
University of Dhaka

Director

Professor Dr. Ahmed Abdullah Jamal

Activities

This centre is established to inspire quality research and practice of History following the large Universities in the world. At present the centre possesses three branches – Research, University Documents Preservation and University Museum.

Centre for English Teaching and Research (CETR) (2012)

Director

Professor Dr. Tazin Aziz Chaudhury
Department of English
University of Dhaka

Different Activities

1. Journal of the Centre for English Teaching & Research (CETR), 2021. (in the Process)
2. Computer Lab Use : 40 computers used by English Department Students: Prints, Scan & Photocopy (July 2020-June 2021)

Centre for Policy Research on Business and Development (CPRBD) (2013)

Chairman

Professor Dr. Md. Akhtaruzzaman
Vice Chancellor
University of Dhaka

Director (Member Secretary)

Dr. S.M. Mahfuzur Rahman
Professor, Department of International Business
University of Dhaka

Members

1. Dean, Faculty of Business Studies, University of Dhaka
2. Chairman, Department of International Business, University of Dhaka
3. Dr. Khondoker Bazlul Hoque, Professor, Department of International Business, University of Dhaka
4. Dr. Md. Kamal Uddin, Professor, Department of International Business, University of Dhaka

Centre for Climate Change Study & Resource Utilization (CCCSRU) (2013)

Director

Professor Dr. Rafiqul Islam

CCCSRU সেন্টারের বোর্ড অব গভর্নরস্ নিম্নে উল্লেখ করা হলো :

বোর্ড অব গভর্নরস্ :-

- | | | |
|---|---|-------------|
| ১। মাননীয় উপাচার্য, ঢাকা বিঃ | - | চেয়ারম্যান |
| ২। ডিন, বিজ্ঞান অনুষদ ঢাকা বিঃ | - | সদস্য |
| ৩। ডিন, জীব বিজ্ঞান অনুষদ, ঢাকা বিঃ | - | সদস্য |
| ৪। ডিন, আর্থ এবং এনভায়রনমেন্টাল সায়েন্সেস অনুষদ, ঢাকা বিঃ | - | সদস্য |

- | | | |
|---|---|------------|
| ৫। ডিন, ইঞ্জিনিয়ারিং এন্ড টেকনোলজি অনুষদ, ঢাকা বিঃ | - | সদস্য |
| ৬। চেয়ারম্যান, ফলিত রসায়ন ও কেমিকৌশল বিভাগ, ঢাকা বিঃ | - | সদস্য |
| ৭। চেয়ারম্যান, ইলেকট্রিক এন্ড ইলেকট্রনিক ইঞ্জিনিয়ারিং বিভাগ, ঢাকা বিঃ | - | সদস্য |
| ৮। চেয়ারম্যান, কম্পিউটার সাইন্স এন্ড ইঞ্জিনিয়ারিং বিভাগ, ঢাকা বিঃ | - | সদস্য |
| ৯। চেয়ারম্যান, দুর্যোগ বিজ্ঞান ও ব্যবস্থাপনা বিভাগ, ঢাকা বিঃ | - | সদস্য |
| ১০। চেয়ারম্যান, রসায়ন বিভাগ, ঢাকা বিঃ | - | সদস্য |
| ১১। চেয়ারম্যান, মৃত্তিকা, পানি ও পরিবেশ বিভাগ, ঢাকা বিঃ | - | সদস্য |
| ১২। চেয়ারম্যান, ভূগোল ও পরিবেশ বিভাগ, ঢাকা বিঃ | - | সদস্য |
| ১৩। চেয়ারম্যান, ভূতত্ত্ব বিভাগ, ঢাকা বিঃ | - | সদস্য |
| ১৪। চেয়ারম্যান, উদ্ভিদ বিজ্ঞান বিভাগ, ঢাকা বিঃ | - | সদস্য |
| ১৫। চেয়ারম্যান, মৎস বিজ্ঞান বিভাগ, ঢাকা বিঃ | - | সদস্য |
| ১৬। চেয়ারম্যান, প্রানীবিদ্যা বিভাগ, ঢাকা বিঃ | - | সদস্য |
| ১৭। পরিচালক, সিসিসিএসআরইউ, ঢাকা বিঃ | - | সদস্য সচিব |

Projects

গত ২৯/১১/২০২০ তারিখের গভর্নিং বডি'র সভায় বিভিন্ন বিভাগের শিক্ষকগণ মোট ২৩ টি প্রজেক্ট সেন্টার কর্তৃক ফান্ডিং-এর জন্য জমা দেয় যার মধ্য থেকে নিম্নোক্ত ১০ টি প্রজেক্ট অনুমোদন লাভ করে এবং প্রতিটি প্রজেক্টের (৬ মাস ব্যাপি) জন্য ৫০,০০০/- (পঞ্চাশ হাজার) টাকা প্রদানের সিদ্ধান্ত গৃহীত হয়।

1. Dr. Mithun Sarker, Dept. of Applied Chemistry and Chemical Engineering.

Title of Project: Prevention of Climate Change by removing Nitrogen and Sulfur-Containing Compounds from fuel with Chitosan-TiO₂Nanocomposite.

2. Dr. Shahruzzaman, Dept. of Applied Chemistry and Chemical Engineering.

Title of Project: Remediation of Global Warming by removing Organic Pollutants from Industrial Wastewater Using CNC/pSiDm Nano composite Hydrogel: An Aspect of Climate.

3. Dr. Shamim Ahmed Deowan, Dept. of Robotics and Mechatronics Engineering.

Title of Project: Deep Learning Algorithm of Artificial Intelligence in Fighting Climate Change and Predicting Extreme Weather Events (Deep LEx).

4. Prof. Dr. Md. Raknuzzaman, Dept. of Fisheries

Title of Project: Trends and seasonal cycle of Sea Surface Temperature in the Bay of Bengal in relation to regional climate indices: An empirical Statistical Analysis.

5. Prof. Dr. Mohammad Ferdows, Dept. of Applied Mathematics

Title of Project: Transport Process of CO₂ Hydrates: Responsible for Global Warming and Climate Change.

6. Prof. Dr. Md. Serajul Islam, Dept. of Geography and Environment

Title of Project: Changing nature of Cyclonic storms in the Bay of Bengal and its impact on local economy: A study of Satkhira District.

7. Dr. Rita Sarah Borna, Dept. of Botany

Title of Project: Identification and utilization of genes to improve rice plant architecture as a strategy for developing climate resilient crops.

8. Dewan Md. Enamul Haque, Dept. of Disaster and Management

Title of Project: Sundarban Mangrove Forest Changing Detection and Above Ground Biomass Estimation Using Satellite Geodetic Technique.

9. Prof. Zeba Islam Seraj, Ph.D, Dept. of Biochemistry and Molecular Biology

Title of Project: Effects of the endophytes of the root/rhizome of wild halophytic rice *Porteresia coarctata* in improving the salt tolerance of a commercial rice variety.

10. Prof. Dr. Md. Manjurul Karim, Dept. of Microbiology Title of Project: Isolation of EPS-forming, salt-tolerant plant growth promoting rhizobacteria able to provide salt-tolerant in plants for application in coastal agriculture.

Publication

1. Md. Moinul Islam, Abrar Zadeed Ahmed, Sumaya Farhana Kabir, Rafiqul Islam, Md. Ashraf Islam Molla. *Optimization of photodegradation conditions of Rhodamine B in water with Dye-Sensitized Titanium Dioxide*. Journal Clean WAS (JCleanWAS) 4(1) (2020) 28-31.
2. U. Hellriegel^{1,2,3,5}, E. Cañas Kurz^{1,2,3,6}, M.A.I. Molla^{3,4,7}, R. Islam^{3,4,8}, A. Figoli^{2,9}, B. Gabriele^{1,10} and J. Hoinkis^{4,11} *ENERGY EFFICIENT DESALINATION WITH MEMBRANE CAPACITIVE DEIONIZATION (MCDI)*. International Water Technology Journal, IWTJ Vol. 10, March 2020.
3. Abrar Zadeed Ahmed, Md. Moinul Islam, Mohammed Monjurul Islam, Shah Md. Masum, Rafiqul Islam & Md. Ashraf Islam Molla. *Fabrication and characterization of B/Sn-doped ZnO nanoparticles via mechanochemical method for photocatalytic degradation of rhodamine B*. *J. Inorganic and Nano-Metal Chemistry*. DOI: 10.1080/24701556.2020.1835976. J. Taylor & Francis. Published online: 21 Oct 2020.

এছাড়াও কেন্দ্রের পরিচালকের তত্ত্বাবধানে ফলিত রসায়ন ও কেমিকৌশল বিভাগে ৪র্থ বর্ষ স্নাতক ছাত্র-ছাত্রীরা ক্লাইমেট চেঞ্জ সম্পর্কিত নিম্নের প্রজেক্টগুলি সম্পন্ন করেছে যা ভবিষ্যতে কেন্দ্রের জন্য Data Base হিসেবে কাজে লাগবে :

1. Sustainable food systems under climate change in Bangladesh.
2. Effect on coastal area of Bangladesh due to climate change.
3. Effect on agriculture in Bangladesh due to climate change.

4. Greenhouse gas emission status in Bangladesh and a way for its mitigation.
5. CO₂ Management in Bangladesh.
6. CO₂ emission status from Fertilizer Industry in Bangladesh and its mitigation utilizing algae.
7. Industrial wastewater treatment from Textile Industry utilizing algae and aquatic plants.
8. Industrial wastewater treatment from Tannery Industry utilizing algae and aquatic plants.
9. Climate Change and its mitigation.
10. Impact of climate change on Water Resources of Bangladesh.
11. Carbon dioxide emission status from different urea fertilizer industries in Bangladesh and its mitigation by energy efficiency improvement.
12. Energy efficiency improvement-CO₂ emission reduction from Petroleum Refinery in Bangladesh.
13. Energy efficiency improvement-CO₂ emission reduction from Karnaphuly Paper mill.
14. Sustainable food systems under climate change in Bangladesh.
15. Effect on coastal area of Bangladesh due to climate change.
16. Effect on agriculture in Bangladesh due to climate change.
17. Greenhouse gas emission status in Bangladesh and a way for its mitigation.
18. CO₂ Management in Bangladesh.
19. CO₂ emission status from Fertilizer Industry in Bangladesh and its mitigation utilizing algae.
20. Industrial wastewater treatment from Textile Industry utilizing algae and aquatic plants.
21. Industrial wastewater treatment from Tannery Industry utilizing algae and aquatic plants.
22. Climate Change and its mitigation.
23. Impact of climate change on Water Resources of Bangladesh.

24. Carbon dioxide emission status from different urea fertilizer industries in Bangladesh and its mitigation by energy efficiency improvement.
25. Energy efficiency improvement-CO₂ emission reduction from Petroleum Refinery in Bangladesh.
26. Energy efficiency improvement-CO₂ emission reduction from Karnaphuly Paper mill.
27. Sustainable Food Systems Necessary in Mitigating Climate Change in Bangladesh
28. Climate Change Impacts on Food Security in Bangladesh
29. Rice Production Statistics and Impacts of Climate Change on Rice Production in Bangladesh.

Centre on Budget and Policy (2014)

Chairman

Professor Mamtaz Uddin Ahmed
Treasurer
University of Dhaka

Director

Professor Dr. Mohammed Abu Eusuf
Department of Development Studies
University of Dhaka (Founder Director)

The Centre on Budget and Policy is an independent research, training and policy advocacy institution attached to the Department of Development Studies, University of Dhaka. The Centre began its formal operation in February 2014 with an aim to contribute towards Bangladesh's development journey through rigorous analytical work and informed policy advocacy. Over the past several years, the Centre has conducted research and analytical work on a variety of topics that include national budget, social protection, poverty

reduction strategy, monetary and fiscal policies, sustainable development goals and many more.

Development discourse has evolved around multifaceted socio-economic issues that demand interdisciplinary research. At the same time, evidence-informed policy making remains a crucial component to drive the country's pathway to economic progress. Keeping this in mind, the Centre has adopted a multi-disciplinary approach in its research and advocacy works.

During 2020-21, LDC graduation of Bangladesh; Bangladesh at fifty – achievement and challenges; Structural and Redistributive Trends of Budgeting in Bangladesh - Planning Ahead with Lessons from the Fifty Years, The Covid-19, food insecurity and coping strategies of the extremely poor people in Bangladesh; pre-budget recommendations and post-budget analysis have received special focus in the Centre activities. The Centre intends to produce authoritative materials through these activities that are academic as well as accessible and responsive to contemporary development issues facing the country particularly while celebrating 50 years of its independence.

Over the past years, the Centre has implemented various activities in collaboration with various national and international organizations. Since its inception, the center has organized pre-budget consultation and post-budget seminars and produced numerous analytical documents on budget related issues in Bangladesh that which are now being considered as flagship activities of the organisation.

Selected Publications/Research Papers During 2020-21

1.	Bangladesh at Fifty: Achievements and Challenges
2.	Structural and Redistributive Trends of Budgeting in Bangladesh: Planning Ahead with Lessons from the Fifty Years
3.	LDC Graduation of Bangladesh: Time for Strategic Preparation and Capacity Building
4.	The Covid-19, Food insecurity and Coping Strategies of the Extremely Poor People in Bangladesh
5.	The State of the Physical Condition, Maintenance and Overall Management of the Cyclone Shelters Constructed by the Government of Bangladesh and Various Agencies in the Post-Liberation Period in Coastal Region
6.	Citizen Budget: 2020 – 2021
7.	Pre Budget Discussion 2021-22: A Budget to Rebound from COVID-19 Impacts
8.	Post Budget 2021-22: Expectations and Reality

Centre for Genocide Studies (2014)

Director

Professor Dr. Imtiaz Ahmed

Centre for Genocide Studies (CGS) has successfully organized the following programs in the 2020-2021 academic year:

1. In August 2020 CGS, Dhaka University, Action Aid Bangladesh and Centre for Peace and Justice(CPJ), BRAC University jointly organized an international e-conference titled 'Connecting Rohingya Diaspora: Highlighting the global displacement'.

2. On 17 October 2020 CGS and School of Liberal Arts and Sciences of Taylor's University Malaysia jointly organized a webinar on 'Understanding Asian Transformation: Civilizational Linkages'.

3. In October 2020 CGS organized the 5th professional certificate course on 'Preventing Violent Extremism'.

4. From July-September 2020, CGS organized e-seminar series titled "*Understanding COVID-19 Pandemic: The Power of Data*" on social tension and social cohesion related to COVID-19 and COVID-19 responses in Bangladesh. The titles of the seminars are:

- i. Rumor and Social Tension associated with COVID- 19
- ii. Fine/Penalty during Pandemic: Effectiveness and Challenges
- iii. Social Stigma and Pandemic in Bangladesh
- iv. Protest in the Time of Coronavirus: The Global and The Local
- v. COVID-19 and Bangladesh: Response and Resilience
- vi. State of Peace in Bangladesh during Covid-19 Pandemic

5. On 21 November 2020, CGS and School of Liberal Arts & Sciences, Taylor's University, Malaysia jointly organized a webinar on "Understanding Asian Transformations: Migration Narratives."

6. In December 2020, CGS organized the 4th International Conference on "Genocide and Mass Violence in the Twenty-First Century: Lessons from History."

7. On 18 December 2020, CGS and School of Liberal Arts & Sciences, Taylor's University, Malaysia, jointly organized a webinar on "Understanding Asian Transformations: Young Entrepreneurs."

8. On 20-29 December 2020, CGS organized its 6th professional certificate course on 'Preventing Violent Extremism (PVE)'

9. In December 2020 and January 2021 CGS organized e-seminars on 'COVID-19: Social Tension, Cohesion and Response in Bangladesh' involving journalists of eight divisions of Bangladesh.

10. In January 2021 CGS, University of Dhaka and the Counter Terrorism and Transnational Crime Unit(CTTC) of Bangladesh police jointly organized a webinar on 'Ensuring life without terror: Responses to terrorism in Bangladesh'.

11. On 25 March 2021 CGS in collaboration of University of Dhaka and Bangladesh High Commission in London jointly organized a virtual memorial on "1971 Bangladesh Genocide and International Recognition: 50 years of Bangladesh Genocide".

12. On 5 April 2021 Centre for Genocide Studies, University of Dhaka; Saisa University, Japan; and Texas A & M International University, USA jointly organized a book unwrapping ceremony of the book 'Covid 19: The Other Side of Living Through The Pandemic'.

13. In May 2021 CGS organized the 7th Professional Certificate Course on Preventing Violent Extremism.

14. In June 2021 CGS published a video documentary on 'Covid-19 Vaccination: An Overview from Global and Bangladesh Perspective'.

15. CGS publishes Peace Report to provide an understanding of thematic situations. In 2020-2021 academic year CGS published a total of six Peace Reports.

16. CGS publishes Peace graphics online on the Bangladesh Peace Observatory(BPO) website to visually comprehend the monthly and weekly data on violence situation of Bangladesh.

17. COVID19 graphics address the impact of the COVID-19 pandemic by highlighting data under different categories. So far BPO published 35 issues via COVID-19 mapping on weekly basis. The Covid 19 graphics are available at: <http://peaceobservatory-cgs.org/#/highlights>

18. CGS and University College London (UCL) are Jointly conducting a research project on 'Rohingya Journeys of Violence and Resilience in Bangladesh and its Neighbours: Historical and Contemporary Perspectives'

Centre for Bioinformatics Learning Advancement and Systematic Training (cBLAST) (2014)

Chairman

Professor Dr. Md. Akhtaruzzaman
Vice-Chancellor
University of Dhaka

Director

Professor Dr. Zeba I. Seraj

Member

Dean Biological Sciences Faculty, Prof. Dr. Mihir Lal Saha
Member: Chairman, BMB, DU, Prof. Dr. Yearul Kabir

From BMBDU

Proff. Dr. Haseena Khan
Prof. Dr. Yearul Kabir
Proff. Dr. A H M Nurun Nabi
Proff. Dr. A K M Mahub Hasan

Proff. Rakibul Islam
Proff. Mahmud Hossain

Other relevant Dept

Proff. ABM Md. Khademul Islam, GEBDU
Dr. Mahub Latif, ISRT, DU
Dr. Mohammad Shoyaib, IIT, DU
Mr. M. Mosaddek Hossain, Managing Director, Unimed&Unihealth Manufacturers Limited, 5/8, Block-C, Lalmatia, Dhaka-1207.

cBLAST in Brief

We at the Department of Biochemistry and Molecular Biology with the help of other Faculty members, Computer Scientists and Statisticians have designed modular online course in Bioinformatics. The aim of the course would be to develop expert personnel with practical knowledge in biological data analysis enabling them to deal with biological problems computationally. Each module will be of 12-weeks duration, with video lectures of a total duration of 2 hours per week. Each week will end with an assignment. The student can log-in/download as long as he/she needs in order to assimilate the lectures, which will be a series of screen prints with complete instructions (voice) on how to understand and tackle problems. Thereafter he/she can log in for the assignment. The assignment is mandatory and the student will not be able to move forward to the following week unless the HW is done. Certification after completion of the module will only be in the form of hours and assignments completed. The final exam will be via a face-face workshop.

Unique features of cBLAST

- 1) First online course in bioinformatics from Bangladesh
- 2) Modular in nature – modules are designed for both students and professionals
- 3) Lectures consist of both static and animation for easy understanding
- 4) Provides a solution to the considerable time required for acquiring bioinformatics skills-since students will be able to download and watch lectures at ease, outside class and office hours.

- 5) Lectures composed of both English and Bangla for better understanding of students in our country
- 6) Provision to communicate between students and course teaches offline

Course fee and requirements

There will be a course fee of Tk. 5000 per module for students and Tk. 8000 for Academicians and Researchers and Tk. 10,000 for professionals from Industries. Eligible students: must be registered as B.Sc. University/College students and must submit their ID when registering. Students are required to bring their original IDs and National ID and valid email profile before start of the course. Academicians and Professionals need to send their National IDs and email address and profile during registration.

Current Activities (2019-2020)

Along with preparing lecture videos for different cBLAST online courses, a Moodle-based dynamic website is ready. The domain address for the site is www.bmb.du.ac.bd/cblast. Below is the list of courses whose video lectures has been prepared already:

1. Fundamental Bioinformatics: Databases & Data Mining (C1)
2. Fundamental Bioinformatics: Sequence Analyses, Functional Annotation (C2)
3. Computational Proteomics and Systems Biology (C5)
4. Introduction to UNIX and Linux (C6)
5. Perl/BioPerl for Bioinformatics (C7)
6. Python/BioPython for Bioinformatics (C8)
7. Basic Statistics & R for Bioinformatics (C9)
8. Cheminformatics: Drug Target Discovery and Computer-aided Drug Design0 (C10)
9. NGS data analysis: ChIP-seq, RNA-seq & eQTLs (C14)

The fully completed and uploaded 9 modules are:

- C1 (Fundamental Bioinformatics: Databases & Data Mining),
- C2 (Fundamental Bioinformatics: Sequence Analyses, Functional Annotation & Phylogeny)

- C5 (Computational Proteomics and Systems Biology)
- C6 (Introduction to UNIX and Linux),
- C7 (Perl/BioPerl for Bioinformatics),
- C8 (Python/BioPython for Bioinformatics),
- C9 (Basic Statistics & R for Bioinformatics) and
- C10 (Cheminformatics: Drug Target Discovery and Computer-aided Drug Design).
- C14 (NGS data analysis: ChIP-seq, RNA-seq & eQTLs)

cBLAST has already completed 9 sessions successfully. The time period for each session is 12 weeks (3 months). The details of the sessions are given below.

cBLAST Sessions

Session	Start date	Scheduled end date	Extended end date
1 st	5 th June 2016	5 th September 2016	5 th October 2016
2 nd	15 th October 2016	15 th January 2017	15 th February 2017
3 rd	3 rd March 2017	3 rd June 2017	31 st July 2017
4 th	7 th August 2017	7 th November 2017	7 th December 2017
5 th	21 st February 2018	21 st June 2018	21 st July 2018
6 th	1 st September 2018	1 st December 2018	31 st January 2019
7 th	1 st November 2019	1 st February 2020	1 st June 2020

8 th	1 st July 2020	1 st November 2020	1 st February 2021
9 th	1 st March 2021	1 st June 2021	1 st July 2021
10 th	1 st August 2021	1 st November 2021	15 th November 2021

A total of 19, 20, 57, 63, 48, 44, 24, 07, 07, 08 students registered for 1st, 2nd, 3rd, 4th, 5th, 6th, 7th, 8th, 9th and 10th session respectively. 16 students of 2nd session were allowed to re-register without cost among these 20 students. A total of 12, 8, 11 and 4 students for session 5th, 6th, 7th and 8th were eligible for obtaining certificates. The activity and registration of 10th session is undergoing.

Purchase of a high performance workstation for bioinformatics projects has been completed. Recently cBLAST website has been upgraded to include the student information.

Workshop

cBLAST successfully organized two 5 days online workshop on “Introduction to Programming in R for Biologist” from 26th June to 10th July 2020 and “Programming and Data Analysis in R for Biologist” from 16th July to 6th August 2021. A new 5 days workshop on “Introduction to Programming and Data Analysis in R for Biologist” has been started from 6 November 2021. The researcher Mohammad Umer Sharif Shohan, Lecturer, BMB, DU conducted the workshop. The faculty members, researchers and some selected students of Masters from different public and private universities and research institutions were the participants. The high performance workstation (Computer) is being used for high throughput genome assembly and analyses by faculty members and MS Students.

Neuroscience Research Centre of Dhaka University (2016)

Chairman

Professor Dr. Md. Akhtaruzzaman
Vice Chancellor
University of Dhaka

Director

Professor Dr. Md. Khalilur Rahman

NRC DU Projects 2020-2021

Sl. No.	Project Title	Teachers Name	Name of Department
1.	“Study on association of poor cognitive function and oral Health in older adult in Bangladesh.”	Prof. Dr. Shamima Nasrin Shahed	Dept. of Biochemistry and Molecular Biology University of Dhaka
2.	Impact of catecholamine of <i>Toxoplasma gondii</i> infected major depressive disorder patients of Bangladesh.	Dr. Md. Taibur Rahman	Dept. of Biochemistry and Molecular Biology University of Dhaka
3.	Exploring Factors Influencing Burden Among Caregivers of Stroke survivors.	Md. Shahanur Hossain	Dept. of Clinical Psychology University of Dhaka
4.	Role of 5-hydroxytryptamine	Professor Dr. Yearul Kabir	Dept. of Biochemistry and

	receptor IB (HTRIB) gene polymorphism in the drug addiction of Bangladeshi people.		Molecular Biology University of Dhaka
5.	Detection and Prediction of Neurodegenerative Disorders by Long Non-coding RNA (LncRNA) signature analysis.	Dr. Tania Rahman	Dept. of Biochemistry and Molecular Biology University of Dhaka

Centre of Excellence in Teaching and Learning (CoETL) (2014)

Chairman

Professor Dr. Md. Akhtaruzzaman
Vice-Chancellor
University of Dhaka

Director:

Professor Dr. Sabita Rezwana Rahman
Department of Microbiology
University of Dhaka

Additional Director

Dr. A.T.M Shamsuzzoha (20 May, 2018 to date)
Associate Professor
Department of Islamic History & Culture
University of Dhaka

Employee

Section Officer-1
P. A to Director-1
Office Assistant -1

The University Grants Commission of Bangladesh (UGC) and the British Council decided to support for the establishment of a Centre of Excellence in Teaching and Learning (CETL) at University of Dhaka (DU), Dhaka (UGC/ICC/5.17/CETL/INSPIRE/2014/3684; dated 18 May, 2014). The CETL of DU, Dhaka shall be a service oriented, Lesson plan, Curriculum formulation, Teaching Pedagogy Consultancy and Training led Centre that shall support the University to achieve its strategic teaching and learning.

Vision of CoETL

The Centre organizes the following workshops where young faculty members share and learn about the leadership role and responsibilities of teacher, research skill, lesson planning, teaching ethics and how to prepare them for higher education according to the University Ordinance. The centre gives utmost importance and follows the guidance from University Administration to ensure quality education and modern teaching techniques in the classroom by offering higher training workshop to the university faculties (teachers) simultaneously. Agreed curriculums for CoETL approved by the UGC and British Council are:

- Professional development talk series
- Online Teaching and Exam Management
- Research Methodology and Project Proposals
- Curriculum Development
- Ethical Aspects & Awareness of Plagiarism
- Modern Approaches to Teaching & Learning
- Advanced IT Skill for Professionals
- Teaching Pedagogy for successful Learning
- Induction Workshop on Teaching-Learning for Young Faculties
- Office Management for DU Officers

Objectives and Activity

Teachers are the key architects of the University of Dhaka, who are also considered as the pride of Bangladesh. The ultimate goal of the Centre is to improve the quality of DU Teachers providing constructive training and workshops. To fulfil the aims, the Centre is regularly advertising and introducing the concepts of teaching & learning, Blooms Taxonomy, role of a lecturer, ethical principles and norms of university teachers, curriculum development manual, DU Ordinance, advanced I.T. skills, different teaching and research methods in today's world, indispensable advices about how to do higher research and hands on training on different teaching methods to the teachers. As a result of the said trainings and workshops, the students of Dhaka University are showing more interest in education, classroom activity, extra-curricular activity and other substances than previous times because of confirming the development of the quality of teaching and proper environment of the classroom. The teachers are also being able to play a greater role in their own professional development to have participatory arrangements in every workshop. The centre provides participation certificates to the teachers after completing every successful workshop. The classroom lecture with digital presentation consisting of the E-Teaching Learning Awareness, personal information and qualifications about the lesson is facilitating Students' Education.

Dhaka University Centre of Excellence in Teaching & Learning (CoETL, DU) regularly organises workshops for the faculty (teachers) and officers of the University of Dhaka for achieving Quality Higher Education. The details are provided in the following table. During the outbreak of Covid-19 pandemic DU CoETL arranged special workshops for the effective use of virtual platform, Google Classroom and other online platforms for maintaining uninterrupted class and online examination as a make shift arrangement. The Centre continued with its scheduled trainings online on teaching pedagogy, modern approaches to teaching & learning, research methodology & project proposals, quality assurance processes and practice, communication skills of teachers, ethical aspects and awareness of plagiarism.

Resource Person

Workshops are conducted with the help of experts from various institutes and Departments of the University of Dhaka. Experienced persons are also invited to the Centre for thematic discussions if required. Our expert faculty members share and exchange their experiences with young teachers. We believe interaction is the key for encouragement in teaching-learning.

Progress of activity

No	Name of Workshops/Date/	Topic/Event	Facilitator	Number of Enrolment/Number of Workshops
1	Training Workshop on "Online teaching techniques, use of modern google classroom facilities and other relevant platforms." 19 July, 2020; 21 July, 2020 23 July, 2020; 25 July, 2020 26 July, 2020; 27 July, 2020 28 July, 2020; 29 July, 2020 12 August, 2020, 06 September, 2020 07 September, 2020	1) DU Official E-mail account and BdREN Zoom 2) Google Drive : Understanding and How it Works 3) Google Classroom: An Online Platform to Manage Classroom Activities 4) Using Zoom and Google Classroom in Smartphone	1) Prof. Dr. Muhammad Asif Hossain Khan, Director, ICT Cell, DU 2) Dr. Mohammed Shafiul Alam Khan, Associate Professor, Institute of Information Technology, DU 3) Dr. Ahmedul Kabir Assistant Professor, Institute of Information Technology, DU 4) Mr. Md. Saeed Siddik Assistant Professor, Institute of Information Technology, DU	Number of Enrolment-369 Number of Workshops-11

2	Advanced IT Skill for Professionals 21 October, 2020	<ol style="list-style-type: none"> 1) Profile update in DU Website, Google Drive & Google Forms 2) Google Classroom and Google Meet 3) Advanced Word Processing 	<ol style="list-style-type: none"> 1) Dr. Mohammed Shafiul Alam Khan, Associate Professor & Director, Institute of Information Technology, DU 2) Prof. Dr. Muhammad Asif Hossain Khan, Director, ICT Cell, DU 3) Mr. Md. Saeed Siddik Assistant Professor, Institute of Information Technology, DU 	<p>Number of Enrolment- 35</p> <p>Number of Workshop- 01</p>
3	Ethical Aspects & Awareness of Plagiarism 08 October, 2020 09 November, 2020	<ol style="list-style-type: none"> 1) In Depth Look of Plagiarism 2) Ethical Aspects of Plagiarism 3) Screening Technique of Plagiarism 	<ol style="list-style-type: none"> 1) Prof. Dr. Monirul Islam Khan, Dept. of Sociology, DU 2) Prof. Sheikh Hafizur Rahman, Dept. of Law, DU 3) Prof. Dr. S.M. Zabed Ahmed, Dept. of Information Science and Library Management, DU 	<p>Number of Enrolment- 83</p> <p>Number of Workshops- 02</p>
4	Curriculum Development 23 November, 2020 26 November, 2020	<ol style="list-style-type: none"> 1) Faculty Guidelines & Curriculum Development Faculty of Arts & relevant Institutions 2) Faculty Guidelines & Curriculum Development Faculty of Social Sciences & relevant Institutions 3) Hands on Training and 	<ol style="list-style-type: none"> 1) Dr. Syed Shahrier Rahman Professor, Dept. of Linguistics, DU 2) Dr. Md. Ziaur Rahman Professor, Dept. of Criminology, DU 3) Dr. Mahbub Ahsan Khan Professor, IER, DU 4) Prof. Dr. Subrata Kumar Aditya, Dept. of Electrical and Electronic Engineering, DU & Treasurer, Sheikh 	<p>Number of Enrolment- 88</p> <p>Number of Workshops- 02</p>

		overall aspects of Curriculum Development 4) Faculty Guidelines & Curriculum Development	Hasina University	
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Progress of activity

No	Workshop/Date	Topic/Event	Facilitator	Number of Enrolment
5	Induction Workshop on Teaching-Learning for Young Faculties 09 December, 2020	<ol style="list-style-type: none"> 1) Role of a Lecturer & Ethical Principles of University Teachers 2) DU Order and Statute 3) Blooms Taxonomy of Learning 	<ol style="list-style-type: none"> 1) Prof. Dr. Sadeka Halim Dean, Faculty of Social Sciences, DU 2) Quazi Mahfujul Hoque Supan Associate Professor, Dept. of Law, DU 3) Prof. Mohammad Nure Alam Siddique, Institute of Education and Research, DU 	<p>Number of Enrolment- 33</p> <p>Number of Workshop- 01</p>
6	Research Methodology and Project Proposals 06 January, 2021 13 January, 2021	<ol style="list-style-type: none"> 1) How to Write a Scientific Project Proposal 2) How to Write a PhD Proposal 3) How to Write a Project Proposal 	<ol style="list-style-type: none"> 1) Dr. Kazi Matin Uddin Ahmed Professor, Dept. of Geology, DU 2) Dr. Ishtiaque M. Syed Professor, Dept. of Physics, DU 3) Dr. Md. Ziaur Rahman Professor, Dept. of Criminology, DU 4) Professor Hasan A. Shafie Dept. of Anthropology, DU 	<p>Number of Enrolment- 123</p> <p>Number of Workshops- 02</p>

7	Online Teaching and Exam Management 04 February, 2021 06 February, 2021 09 February, 2021 13 February, 2021 18 February, 2021 23 February, 2021	<ol style="list-style-type: none"> 1) Taking viva with Zoom Breakout room 2) Taking exams via Google Forms 3) Taking exams as assignments via Google Classroom 4) Taking exams as assignments via Google Classroom 	<ol style="list-style-type: none"> 1) Prof. Dr. Muhammad Asif Hossain Khan, Director, ICT Cell, DU 2) Dr. Mohammed Shafiul Alam Khan Associate Professor & Director, Institute of Information Technology, DU 3) Dr. Ahmedul Kabir Assistant Professor, Institute of Information Technology, DU 4) Mr. Md. Saeed Siddik, Assistant Professor, Institute of Information Technology, DU 	<p>Number of Enrolment-310</p> <p>Number of Workshops-06</p>
8	Office Management for DU Officers 27 March, 2021	<ol style="list-style-type: none"> 1) File Management 2) Code of Conduct of the Officers 3) Responsibilities of the Officers according to Dhaka University Ordinance and Question-Answer session 	<ol style="list-style-type: none"> 1) Mr. Md. Jafor Iqbal, Additional Secretary, B.P.A.T.C, Savar 2) Prof. Sheikh Hafizur Rahman, Dept. of Law, DU 3) Mr. Md. Enamuzzaman, Registrar, DU 	<p>Number of Enrolment-107</p> <p>Number of Workshop-01</p>
9	Online Teaching and Exam Management	<ol style="list-style-type: none"> 1) Taking viva with Zoom Breakout room 2) Taking exams via 	<ol style="list-style-type: none"> 1) Prof. Dr. Muhammad Asif Hossain Khan, Director, ICT Cell, DU 2) Dr. Mohammed Shafiul Alam Khan Associate Professor & Director, 	<p>Number of Enrolment-357</p> <p>Number of Workshop-</p>

22 June, 2021	Google Forms	Institute of Information Technology, DU	05
23 June, 2021	3) Taking exams as assignments via Google Classroom	3) Dr. Ahmedul Kabir Assistant Professor, Institute of Information Technology, DU	
24 June, 2021			
27 June, 2021	4) Taking exams as assignments via Google Classroom	4) Mr. Md. Saeed Siddik, Assistant Professor, Institute of Information Technology, DU	
29 June, 2021			

In the year of 2020-2021, Total 1398 Teachers & 107 Officers attended in 31 workshops.

Chromosome Research Centre (2014)

President

Professor Dr. Md. Akhtaruzzaman
Vice Chancellor

Director

Professor Dr. Muhammd Nurul Islam
Department of Botany

Annual Budget: Tk. 7,00,000/- (Seven lac), 2021-2022 for the financial year

This research centre was established in 2013 to encourage research activities among the teachers of the Faculty of Biological Sciences. The activities of the centre are performed as per advice of ten council members related to Chromosome research. The money received from the university are disbursed among the teachers of the faculty for various research projects on advance. The Research projects are invited from the teachers and each project is reviewed by experts before it is accepted for financing.

Centre for Arabic Teaching, Training and Research (CATTR) (2016)

Director

Professor Dr. Mohammad Yousuf

Statement of the research activities of the Academic Year of 2020 – 2021

Description of the Research Workshop

1. One day international Virtual Seminar

International Virtual Seminar on the occasion of World Arabic Language Day (18th December) 2020

Article Title : "أهمية العربية كلغة عالمية ومساهمة بنغلاديش في ممارستها" (The importance of Arabic as an international language and Bangladesh's contribution to its practice.)

Dated on: 18.12.2020

Article Presenter : Dr. Abdullah Al-Maruf, Professor, Department of Arabic, University of Dhaka.

The chief guest of the Seminar : Honorable Vice Chancellor of Dhaka University Prof. Dr. Akhtaruzzaman was the chief guest in the Seminar.

Guest of Honor: Guest of Honor at the seminar was the Honorable Ambassador of Saudi Arabia in Dhaka Isa Ibn Yusuf Al Duhailan.

Special guest : Professor, Dr. Abu Md. Delwar Hossain was a special guest, The Honorable Dean of the Faculty of Arts, University of Dhaka.

The subject specialist teachers from the department and out of the department participated to the discussion on the fixed topic. All of the teachers of the department of Arabic participated in the Virtual Seminar.

The International Virtual Seminar was chaired by, Professor Dr. Mohammad Yousuf, Director, Centre for Arabic Teaching, Training & Research (CATTR)

Centre for Advanced Research in Strategic Human Resource Management (CARSHRM) (2016)

Chairman

Professor Dr. Md. Akhtaruzzaman

Vice-Chancellor

University of Dhaka

Director

Professor Dr. Faruq Ahmed

Department of Management

University of Dhaka

Members

Prof. Dr. Muhammad Abdul Moyeen

Dean (Acting), Faculty of Business Studies, University of Dhaka.

Prof. Md. Ali Akkas

Department of Management, University of Dhaka.

Prof. Dr. Mohammad Tareq

Department of Accounting and Information Systems, University of Dhaka.

Prof. Dr. Abdullah Al Mahmud

Department of Banking and Insurance, University of Dhaka.

Activities of the Research Center

The Center for Advanced Research in Strategic Human Resource Management was established in 2016 for research, training, and development of strategic human resource management in Bangladesh. Though this Center had started its journey in 2016, its activities were not enough due to the lack of necessary human resources and research-fund. The Center has completed the project "Artificial Intelligence in Business Decision Making: A Study on Code-Mixed and Transliterated Bangla

Customer Reviews” recently. The article of the project will be submitted to a journal. It has finished a training program on “Human Resource Management”. Publication of a journal titled “Bangabandhu Sheikh Mujib and Human Resource Development” is under process and will be published very soon. Our running research project is “Investment Decision Making in the Capital Market Using Artificial Intelligence: A Bangladesh Perspective”.

Centre for Development and Policy Research (CDPR) (1996)

The Executive Committee of the Center for Development and Policy Research (CDPR), an associated body of University of Dhaka, consists of the following members :

Chairman

Professor Dr. A.N.M. Sayeedul Haque Khan
Department of Marketing

Member

(1) A. K. Fazlul Haque Shah, Supernumerary Professor, Department of Marketing, University of Dhaka; (2) Professor Tasneem Siddiqui, Department of Political Science, , University of Dhaka; (3) Professor Dr. Sumaiya Khair, Department of Law, University of Dhaka.

Centre for Culture and Resilience Studies (CCRS)

Chairperson

Professor Dr. Farhana Begum
Department of Anthropology

The East Asia Study Centre (2012)

Director

Professor Dr. Delwar Hossain

The annual report of the academic year 2020–2021 of The East Asia Study Centre

No	Date & Time	Program title	Description
01	July 2020	EASC Quarterly Published	Volume-10, Issue 1-2, January-June, 2020
02	September 2020	EASC Policy Brief Published (Issue 2)	The title of the Policy Brief is “ <i>Sino-Indian Border Conflict: South Asian Context and Strategic Implications for Bangladesh</i> ” and it is written by Sheikh Shams Morsalin, Associate Professor of International Relations, University of Dhaka. The brief sheds lights on the consequences of Sino-Indian border clash on Bangladesh. While several reports attempt to portray Bangladesh’s tilted position toward China, others reject the assumption. Some other studies view the foreign policy attitude of Bangladesh as a more balanced one towards both India and China.

			This brief analyzes that unexplored issue area and suggests future policy options for Bangladesh.
03	January 2021	EASC Quarterly Published	Volume-11, Issue 3-4, July-December, 2020
04	January 2021	EASC Policy Brief Published (Issue 3)	The title of the Policy Brief is “ <i>Japan Relocating Investments from China amid COVID-19: Opportunities for Bangladesh</i> ” and it is written by Sheikh Shams Morsalin, Associate Professor of International Relations, University of Dhaka and Md. Saifullah Akon, Lecturer of Japanese Studies, University of Dhaka. The brief signifies that with the collapse of the global supply chain in the wake of the COVID-19 pandemic along with the ongoing Sino-American trade war, the Japanese government has been providing funds to encourage firms to move their production lines out of China. Given the strong legacy of partnership, cheap and flexible labour market, increasing the purchasing

			power of the people, political stability, and higher profit margins Japanese companies are giving priority to Bangladesh. Against this backdrop, the brief aims at suggesting future policy options to attract more Japanese companies to invest in Bangladesh.
05	February 18, 2021	The East Asia Study Center and the Ministry of Foreign Affairs of Japan jointly organized 1 st Lecture of the Japan Lecture Series	The first lecture of the Lecture Series was held on digital platform via Zoom. The title of the Lecture was “ <i>NGOs for International Cooperation in Japan and its Relations with the Japan Government and Academia</i> ” and it was delivered by Professor Ohashi Masaaki, University of the Sacred Heart, Tokyo, Japan. The Lecture was moderated by Professor Dr. Delwar Hossain, the Director of East Asia Study Centre, University of Dhaka. A number of participants was attended there from different backgrounds ranging from students and teachers to academicians and practitioners.
06	February 25, 2021	The East Asia Study Center	The second lecture of the Lecture Series was also held

		and the Ministry of Foreign Affairs of Japan jointly organized 2 nd Lecture of the Japan Lecture Series	on digital platform via Zoom. The title of the Lecture was “ <i>Deconstruction of Regions: The Emerging Role of Subregional Cooperation in Asia</i> ” and it was delivered by Professor Oiwa Takaaki, JICA Research Institute, Tokyo, Japan. The Lecture was moderated by Professor Dr. Delwar Hossain, the Director of East Asia Study Centre, University of Dhaka. A number of participants was attended there from different backgrounds ranging from students and teachers to academicians and practitioners.
07	March 2021	Issue Brief Published (Number 1)	The East Asia Study Center published its first Issue Brief titled “ <i>BECA and the Changing Asian Geopolitical and Strategic Landscapes</i> ” and it was written by Md. Saiful Islam, Research Associate of the East Asia Study Center. In the pressing geostrategic and geopolitical environment, India and USA signed Basic Exchange and Cooperation Agreement for Geo-Spatial Cooperation (BECA). Against that backdrop, the brief sheds light on mapping out the changes made by the

			agreement which will facilitate India to pace up its military gap with China by gaining accuracy and interoperability of technological as well as defense line of control.
08	March 2021	Event Brief Published (Number 1)	The East Asia Study Center published its first Event Brief titled “ <i>What is the Relevance of RCEP Trade Deal for Bangladesh?</i> ” and it was written by Md. Saiful Islam, Research Associate of the East Asia Study Center. With the pace of changing geopolitical and geo-economic contours, the Asia-Pacific region is going through a dynamic changes ranging from diplomacy to economics. Signing the Regional Comprehensive Economic Partnership Agreement (RCEP) is the prime example of the ongoing dimensions. Against this backdrop, the brief is designed to scrutinize the very significance of the deal and explore the opportunities Bangladesh can reap from it.
09	April 2021	Issue Brief Published (Number 2)	The East Asia Study Center published its Second Issue Brief titled “ <i>The Sangha (Monkhood) and Politics in</i>

			<p>Myanmar” and it was written by Aditi Chakrovorty, Research Associate of the East Asia Study Center. Throughout history, Buddhism in Myanmar has been intertwined with the discourse on governance and legitimacy. The long-run legacy between the Sangha (Monkhood) and national politics has changed the assessment of the Sangha’s importance in the national politics of Myanmar. The Sangha, the community of Buddhist monks’ role from the anti-colonial movement to the Saffron Revolution was praised as noble action to bring peace. But the Sangha’s ‘Islamophobia’ made a deep wrinkle between the Muslim Rohingyas and Buddhists in Rakhine that has resulted in the atrocity towards the Rohingya in 2017. The brief analyzes the role of Sangha in Myanmar politics.</p>
10	April 2021	Event Brief Published (Number 2)	<p>The East Asia Study Center published its Second Event Brief titled “<i>How Did the International Community Respond to the 2021 Military Coup in Myanmar?</i>” and it was written by Aditi Chakrovorty, Research</p>

			<p>Associate of the East Asia Study Center. Myanmar is characterized by a puzzling paradox in the relationship between the military and the democratic party of Myanmar. Staging a military coup d’état on February 1, 2021, by Myanmar’s Military which abruptly curtailed the democratic transition of Myanmar has shocked the world. The draconian step of the Tatmadaw was taken just a few hours before the opening session of a new parliament. Against that backdrop, the brief outlines the responses from some global key actors, i.e. USA, UK, Canada, the European Union, ASEAN, and the UN.</p>
11	May 2021	Issue Brief Published (Number 3)	<p>The East Asia Study Center published its Third Issue Brief titled “<i>Troops withdrawal from the Sino-Indian Border in February 2021: What It Means for Regional Security?</i>” and it was written by Md. Ali Siddiquee, Assistant Professor of International Relations, University of Dhaka. India and China got involved in a border clash that resulted in the death of 24 armed forces members</p>

			from both sides over the disputed areas. Despite this, the recent clashes in May last year indicated that they are willing to bend the rules and find loopholes to shed bloods from their counterparts. Amid the situation, the brief shows the timeline of the recent clashes and what regional implications and learnings did it bring for Bangladesh and other smaller actors in South Asia.
12	May 2021	Issue Brief Published (Number 4)	The East Asia Study Center published its Fourth Issue Brief titled “ <i>New Visibility of Russia in the Bay of Bengal: Interests and Implications</i> ” and it was written by Md. Saiful Islam, Research Associate of the East Asia Study Center. In the wake of geopolitical and strategic shift in Asian landscape, accelerated by the very socio-economic developments and evolving markets, regional and global powers are thriving into the Bay of Bengal region. Having prompted by strategic and politico-economic gains forwarded by diplomatic juggernaut and petrodollar politics, Russia has assiduously engaged in great

			game centering the Bay of Bengal (BoB). Due to the mounting competition in the BoB region the littoral countries are facing policy dilemma aligning with and dissuading from the rivalry. Against this backdrop, the brief delves into tracing out the very reasons of growling presence of Russia in the Bay of Bengal region giving special attention to assess the possible implications for the littoral countries, mostly for Bangladesh.
13	May 11, 2021	The EASC and BIMRAD jointly organized a Webinar	The East Asia Study Center, University of Dhaka and Bangladesh Institute of Maritime Research and Development (BIMRAD) jointly organized the webinar on 11 th May, 2021. The title of the webinar was “ <i>Emerging Challenges and Opportunities in the Bay of Bengal in Present World Context</i> ”. It was chaired by Rear Admiral Muhammad Anwarul Islam, NGP, ndc, afwc, psc (retd). There were keynote presenter and panel discussants in the session. Dr. Imtiaz Ahmed, Professor of International Relations, University of Dhaka was the keynote speaker on the topic

			titled “ <i>The Emergence of Indian Ocean as the Center of Global Competition: The Implications for the Geopolitical Dynamics of Bay of Bengal</i> ”. Professor Dr. Delwar Hossain, the Director of the East Asia Study Center, University of Dhaka himself was one of the panelists in the session. The webinar was attended by a number of students, academicians, Navy Officers from Bangladesh Navy and the representatives from the BIMRAD.
14	June 2021	EASC Monograph Published	The title of the Monograph is “ <i>The Sino-Indian Maritime Security Dilemma in the Bay of Bengal: Non-Cooperation Vs Bilateralism?</i> ” and it is written by Md. Ali Siddiquee, Assistant Professor of International Relations, University of Dhaka. A complex, multi-layered maritime security dilemma persists between India and China regarding the maritime security issues in the Bay of Bengal. The monograph shows why the dilemma exists in the first place with the help of defensive realism, a sub-variant of the neorealist school of thought in

			international relations theories. The monograph argues, with the help of a variant of the game theory, namely prisoner’s dilemma, that they are less likely to cooperate with each other on maritime security issues, rather pursue the littorals separately to be in strategic alliances with an aim to balance off each other’s influences in the region.
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Kotler Centre for Marketing Excellence (KCME) (2012)

Chairman

Professor Philip Kotler

Dr. Philip Kotler is the S.C. Johnson & Son Distinguished Professor of International Marketing at the Northwestern University Kellogg Graduate School of Management in Chicago. He is hailed by Management Centre Europe as "the world's foremost expert on the strategic practice of marketing."

Director

Professor Dr. Syed Ferhat Anwar

Director, IBA, University of Dhaka

Chief Advisor, Bangladesh Brand Forum

Board Member, Asia Marketing Federation

Executive Committee Member, Bangladesh Marketing and Social Research Forum

Member, Executive Committee, Institute of Management Consultants of Bangladesh

Member Finance

Professor Dr. Mijanur Rahman
Vice Chancellor
Jagannath University

Member

Mr. Nazmul Hassan
CEO, Beximco Pharmaceuticals Ltd.
19 Dhanmondi R/A, Road # 07, Dhaka- 1205

Member

Dr. Fahim R Kibria
CMO Kotler Impact, Suite 202, Matheson Blvd W
Mississauga, Canada

Member

Mr. Shariful Islam
CEO, Brandzeal
Founder, Bangladesh Brand Forum

Member

Dr. Kazi Anis
Vice President, University of Liberal Arts
Dhanmondi, Dhaka 1205

Member

Mr. Anir Chowdhury
Policy Advisor, Access 2 Information, Prime Minister's Office

Member

Mr. Ashraf Bin Taj
Managing Director
IDC BD (PVT.) LTD.
159/C, Tejgaon I/A
Dhaka – 1208, Bangladesh

Centre for Urban Resilience Studies (2015)

এই সেন্টারে কোন পরিচালক নেই।

Institutional Quality Assurance Cell (IQAC) (2016)**Director**

Professor Dr. Md. Rahmat Ullah

Additional Director

(1) Professor Dr. Syed Shahriar Rahman, Department of Linguistics, DU;
(2) Professor Dr. Md. Amir Hossain, Institute of Statistical Research and Training, DU.

Employees : 4**Work Performance**

Under instruction and guidance of IQAC-DU out of 96 Departments/Institutes, 89 Department /Institutes have prepared their curriculum, preparation of curriculum of remaining 06 Departments/Institutes like Department of Management, Department of Accounting and Information Systems, Department of Geography and Environment, Department of Computer Science and Engineering, Department of Modern Language Institute, Confucius Institute are in progress.

In the academic year 2020-2021, 07 Departments/Institutes like Department of Applied Mathematics, Department of Television, Film and Photography, Department of Criminology, Department of Oceanography, Department of Nuclear Engineering, Institute of Disaster Management and Vulnerability Studies, Institute of Leather Engineering and Technology of Dhaka University came under Self Assessment Process and these Departments/ Institutes meanwhile prepared Self Assessment Reports (SAR) and submitted to IQAC-DU office for its consideration.

In the academic year 2020-2021, 04 new Departments/Institutes like Department of Dance, Department of Japanese Studies, Department of Disaster Science and Management, Department of Robotics and Mechatronics Engineering of Dhaka University came under Self Assessment Process and these Departments/ Institutes have created Programme Self Assessment Committee (PSAC) and have sent their Self Assessment Committee (SAC) Members nomination to IQAC-DU office. In 2020-2021 the University of Dhaka has been conducting online Teaching & Learning activities. The IQAC-DU has been monitoring the quality of online Teaching & Learning.

International Centre for Ocean Governance (2016)

Director

Professor Dr. Md. Kawser Ahmed, M.Sc., Ph. D. (Tokyo)

Research Associate

Mr. Makidul Islam Khan, M.S.

The remarkable activities that have been implemented by the International Center for Ocean Governance, University of Dhaka from the period of 1st July 2020 to 30th June 2021 are as follows:

- International Centre for Ocean Governance arranges few partial scholarships for M.S., M.Phil. and Ph.D. students each year to support the students to continue their research activities and field work in oceanography in general and ocean governance/MSP/ocean policy in particular. From the budget of the center, for the financial year 2020-2021, 6 (six) M.S. students are awarded 15,000 (fifteen thousand) taka each to support their research activities.

Centre for Advanced Legal Studies (CALS) (2017)

With an aim of higher research in legal studies the Centre for Advanced Legal Studies (CALS) was established and was approved by the Syndicate on 16.08.2017. Professor Dr. Mizanur Rahman from Department of Law is the Director of the Centre for Advanced Legal Studies (CALS).

Activities

Four researchers are currently researching under CALS on the following topics:

Sl No.	Research Topics	Name of Researchers
1.	An evaluation of the role of the Supreme Court of Bangladesh in protecting human rights recognized in the Constitution: From 1972 to 2018	Dr. Muhammad Ekramul Haque Professor, Department of Law University of Dhaka
2.	Human Rights Obligations into BITs: The Changing Paradigm	Dr. Rumana Islam Professor Department of Law University of Dhaka
3.	The Muslim Conception of International Law and the Western Perspective: is the internal struggle of Moderate Muslim countries like Bangladesh and their role in the world be understood from the perspective of Muslim international law?	Dr. Chowdhury Ishrak Ahmed Siddiky Associate Professor Department of Law and Human Rights University of Asia Pacific

4.	Gender-Based Violence during Disasters in the Coastal Region of Bangladesh and Legal Support: A Rights Based Analysis	Dr. Nahid Rezwana Associate Professor Department of Geography & Environment University of Dhaka and Ms. Arpeeta Shams Mizan Assistant Professor Department of Law University of Dhaka
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Innovation, Creativity and Entrepreneurship (ICE) Centre (2018)

Chairman

Professor Dr. Md. Akhtaruzzaman, Vice Chancellor, University of Dhaka

Vice-Chairman

Dr. Khondoker Bazlul Hoque, Honorary Professor, University of Dhaka

Executive Director

Md. Rashedur Rahman, Associate Professor, Department of Organization, Strategy and Leadership (OSL), University of Dhaka

Government Representatives

- Additional Secretary, Ministry of Education, Government of Bangladesh
- Additional Secretary, Sports 1, Ministry of Youth and Sports, Government of Bangladesh
- Secretary, Bangladesh Investment Development Authority (BIDA), Prime Minister's Office, Government of Bangladesh
- Additional Chief, General Economics Division, Ministry of Planning, Government of Bangladesh

- Director General, Multilateral Economic Affairs Wing, Ministry of Foreign Affairs, Government of Bangladesh
- Executive Director, Bangladesh Bank
- Joint Secretary, Ministry of Information, Communication and Technology (ICT), Government of Bangladesh

Industry Representatives

- President, Federation of Bangladesh Chamber of Commerce and Industries (FBCCI)
- President, Metropolitan Chamber of Commerce and Industries (MCCI)
- President, Dhaka Chamber of Commerce and Industries (DCCI)
- President, Bangladesh Employers Federation (BEF)

University Representatives

- Chairperson, Department of Organization Strategy and Leadership, University of Dhaka
- Director, Institute of Business Administration, University of Dhaka
- President, Dhaka University Alumni Association (DUAA)
- Professor Shibli Rubayat ul Islam, Chairman of the Bangladesh Securities and Exchange Commission (BSEC) and Professor, Department of Banking and Insurance, University of Dhaka
- Professor Dr. Muhammad Abdul Moyeen, Dean, Faculty of Business Studies, University of Dhaka

Activities Completed (2020-2021)

Research and Policy Papers :

1. **Covid-19 Stimulus Distribution: Effectiveness of Channel & Future Improvement:** এই রিসার্চের উদ্দেশ্য ছিল কুটির, ক্ষুদ্র, ছোট এবং মাঝারি (সিএমএসএম) শিল্পখাতের জন্য সরকার ঘোষিত প্রণোদনা প্যাকেজের বন্টন অবস্থা বিশ্লেষণ করে এর কার্যকারিতা বৃদ্ধিতে নীতি-নির্ধারকদের সহায়তা করা। ৬৪ টি জেলা থেকে ১১৩৮ জন সিএমএসএম ব্যবসায়ী এবং ৪১ জন ব্যাংকার এই সার্ভেতে অংশ নেয়। এর পাশাপাশি এক্সপার্টদের নিয়ে ফোকাস গ্রুপ ডিসকাশন আয়োজন করা হয়। ইউএনডিপি সহায়তায় এই রিসার্চটি পরিচালিত হয়।

2. **Factors affecting ICT adoption among CMSMEs of Bangladesh:** কুটির, ক্ষুদ্র, ছোট এবং মাঝারি (সিএমএসএম) শিল্পখাতের ব্যবসায়ীদের জন্য আইসিটি ব্যবহারের বাধাগুলোকে চিহ্নিত করা, অঞ্চল ভিত্তিক চ্যালেঞ্জগুলোকে খুঁজে বের করে সিএমএসএমই খাতে আইসিটির ব্যবহারকে উন্নত এবং দ্রুততর করার উদ্দেশ্যে এই রিসার্চটি পরিচালিত হয়। ৬৪ টি জেলা থেকে ৯৩০ জন সিএমএসএমই ব্যবসায়ী এই সার্ভেতে অংশ নেয়। ইউএনডিপি সহায়তায় এই রিসার্চটি পরিচালিত হয়।
3. **Legal framework overseeing CMSMEs: Challenges and Way Forward:** এই রিসার্চের উদ্দেশ্য ছিল সম্ভাবনাময় উদ্যোক্তাদের জন্য ব্যবসা করতে বাধার সৃষ্টি করে এমন সব আইনি পদ্ধতি এবং আনুষ্ঠানিকতাগুলোকে চিহ্নিতকরণ, ভ্যাট ও শুল্ক নীতির বিশ্লেষণের মাধ্যমে শিথিলতার সম্ভাবনা চিহ্নিতকরণ, এসএমই ব্যবসায়ের রেজিস্ট্রেশন, লোন ডকুমেন্টেশন, ক্লিয়ারেন্স এবং দেশে একটি এসএমই বান্ধব নীতি তৈরির জন্য এই খাতের সাথে সম্পর্কিত স্টেকহোল্ডার গ্রুপের দায়িত্ব এবং ভূমিকা চিহ্নিতকরণ। দেশের ৬৪টি জেলা থেকে ৯৯৭ জন সিএমএসএমই ব্যবসায়ী এই সার্ভেতে অংশ নেয়। ইউএনডিপি সহায়তায় এই রিসার্চটি পরিচালিত হয়।
4. **Work-life balance of female entrepreneurs during Covid-19 crisis:** এই রিসার্চের উদ্দেশ্য ছিল উদ্যোক্তা হিসেবে একজন নারীর চ্যালেঞ্জগুলোকে চিহ্নিত করার পাশাপাশি বর্তমানে করোনা উদ্ভূত পরিস্থিতিতে নারী উদ্যোক্তাদের সমস্যাগুলোকে সামনে এনে পূর্বের চ্যালেঞ্জগুলোর সাথে একটি তুলনামূলক বিশ্লেষণ করা; করোনার প্রভাবে ব্যক্তিগত এবং পেশাগত জীবনের সমস্যাগুলোকে মোকাবিলা করার জন্য নারী উদ্যোক্তাগণ কী ধরনের পদক্ষেপ নিয়েছেন সেগুলো খুঁজে বের করা এবং তাদের ওয়ার্ক-লাইফ ব্যালেন্স করার ক্ষেত্রে অন্যান্য স্টেকহোল্ডার গ্রুপের ভূমিকা বিশ্লেষণ করা। দেশের ৬৪টি জেলা থেকে ৬১৫ জন সিএমএসএমই ব্যবসায়ী এই সার্ভেতে অংশ নেয়। ইউএনডিপি সহায়তায় এই রিসার্চটি পরিচালিত হয়।
5. **Internationalization of CMSMEs in Bangladesh: It's Challenges, Scopes and Ways Forward:** কুটির, ক্ষুদ্র, ছোট এবং মাঝারি (সিএমএসএম) শিল্পখাতের উদ্যোক্তাদের আন্তর্জাতিক বাজারে প্রবেশের ক্ষেত্রে বাধাসমূহ নির্ণয় করা এবং তাদের অবস্থা উন্নতরণের কার্যবিধি প্রণয়ন করার উদ্দেশ্যে এই রিসার্চটি পরিচালিত হয়। দেশের রিসোর্স বেজড চ্যালেঞ্জ চিহ্নিত করা, আন্তর্জাতিক বাজারে প্রবেশের জন্য জ্ঞান সৃষ্টি করা, নেটওয়ার্ক মডেল তৈরি করা

এবং সর্বোপরি দেশ থেকে আন্তর্জাতিক পর্যায়ে ব্যবসা পরিচালনার জন্য একটি গাইডলাইন এবং রিকমেন্ডেশান তৈরি করা। দেশের ৬৪টি জেলা থেকে ৭২০ জন সিএমএসএমই ব্যবসায়ী এই সার্ভেতে অংশ নেয়। ইউএনডিপি সহায়তায় এই রিসার্চটি পরিচালিত হয়।

উপরোক্ত ৫টি রিসার্চের ফলাফল দেশের নীতি নির্ধারনী পর্যায়ে শেয়ার করার মাধ্যমে সিএমএসএমই খাতে কার্যকরী পলিসি গ্রহণ করার জন্য ইউএনডিপি বাংলাদেশ এবং আইসিই সেন্টার এই যৌথ উদ্যোগ গ্রহণ করে।

Research and Policy Papers (On going) :

- Mapping of CMSMEs in Bangladesh: Lessons from different districts
- Sustainable Development Goals (SDGs) and Business Education: Challenges and Way Forward for Bangladesh

Focus Group Discussions (FGDs) :

As part of understanding experts insights and analyzing some selected issues relating to CMSMEs development in Bangladesh, ICE Center, DU conducted five virtual Focus Group Discussions (FGD) on the following issues:

1. Covid-19 Crisis & Effectiveness of Stimulus & Incentives for CMSMEs in Bangladesh
2. Influencing Factors in ICT adoption by CMSMEs in Bangladesh
3. Legal and Governance issues relating to CMSMEs in Bangladesh
4. Covid-19 crisis & Work-Life Balance of Women Entrepreneurs in Bangladesh
5. Entrepreneurial Mindset and Internationalization for CMSMEs: Challenges and Way forward

40 experts from government, industries, universities and development sectors participated the discussions and shared their insights.

Capacity Development, Workshops, Training & Mentorship :

The Innovation, Creativity and Entrepreneurship (ICE) Center, University of Dhaka had organized and completed a project titled "REVIVE: CMSMEs in Bangladesh" in partnership with the UNDP Bangladesh in

order to respond to the COVID-19 affected CMSMEs- Cottage, Micro, Small and Medium Enterprises of Bangladesh. The objective of the project was to listen to the stories of the CMSMEs, provide advisory, training and mentorship services to selected CMSMEs to assist in the revival of their business, and share the findings with the policymakers and other important stakeholders for effective policy decision making and implementation. The project was implemented by a team of 110 interdisciplinary students and faculties during August 2020-January 2021. Under this project the following activities were undertaken:

01. Virtual Training of Trainers (ToT) for “CMSMEs Business Facilitators” :

বাংলাদেশে কুটির, ক্ষুদ্র, ছোট এবং মাঝারি ব্যবসায় শিল্পখাতের জন্য একটি কার্যকর পরিবেশ গড়ে তোলার লক্ষ্যে দেশের প্রায় ৪০টি বিশ্ববিদ্যালয় থেকে বিভিন্ন ডিসিপিনের অনার্স ৪র্থ বর্ষ এবং মাস্টার্সের প্রায় ১৩০ জন শিক্ষার্থী যাদের মধ্যে প্রায় ৬০% মেয়ে তাদেরকে “CMSMEs Business Facilitators” হিসেবে ট্রেনিং প্রদান করা হয়। The aim of the ToT was to equip CMSMEs business facilitators with knowledge that they would need when conversing with the CMSMES to truly relate to their stories, understand their situation and provide them with advice that would help them elevate their situation. ইউএনডিপি বাংলাদেশের সহায়তায় পরিচালিত ৩২ ঘন্টার এই ভার্সুয়াল ট্রেনিং প্রোগ্রাম ০৭টি মডিউলে বিভক্ত ছিল যেখানে সরকার, ইন্ডাস্ট্রি, ডেভেলপমেন্ট সেক্টর এবং একাডেমিয়ার ৩০টি প্রতিষ্ঠান থেকে ৪০ জন বিশেষজ্ঞ তাদের মতামত এবং অভিজ্ঞতা শেয়ার করেন।

Module 01: CMSMEs and Bangladesh's Development Journey, and REVIVE Project

- **Module 02:** Entrepreneurship Development, Innovation, Fourth Industrial Revolution (4IR) and Technology: Opportunities and Challenges for CMSMEs
- **Module 03:** CMSMEs and Financial Systems in Bangladesh, Emotional Intelligence, and Role of Youth in Enterprise Development

- **Module 04:** Clusters Development, Economic Zones, Foreign Direct Investment (FDI) and Legal and Governance Issues: CMSMEs Perspectives
- **Module 05:** Strategic Marketing, Business Promotion & Supply Chain Management: CMSMEs Perspectives.
- **Module 06:** Stimulus and Incentives of Government and Stakeholder Mapping: CMSMEs Perspectives
- **Module 07:** Effective Communication, Team work, Mental Health, Diversity and Inclusion: CMSMEs Perspectives

Trainings on Entrepreneurial Spirits, Skills, Strategy (ESSS) for CMSMEs:

(04 Trainings; 10 hours per training)

ICE Center এবং UNDP Bangladesh এর যৌথ উদ্যোগে সিএমএসএমই ব্যবসায়ী এবং যারা বর্তমানে উদ্যোক্তা হতে আগ্রহী এমন ব্যক্তিদের জন্য ৪০ ঘন্টার ট্রেনিং এর আয়োজন করা হয়। ১০ ঘন্টার করে ৪ ব্যাচের এই ট্রেনিং প্রোগ্রামে পুরো দেশ থেকে ২০০+ CMSMEs and aspirant Entrepreneurs আগ্রহী অংশগ্রহণ করেন।

The objective of was training was to equip them with knowledge and skills related to their entrepreneurship journey, help them to improve their understanding on effective documentation, and introduce the CMSMEs the facilities of the government schemes and stimulus during COVID 19. Each training took two consecutive days covering five relevant topics where the trainers were from multiple stakeholders' groups (government, university, industry, and development sectors (including media) GUIDE). Each training program had 2 days long 05 sessions covering the following topics:

- Entrepreneurial Skills and Strategy: Introduction, Journey and Scale Up
- Legal Issues and Business Documentation: Requirement, Process & Implication
- Marketing & Technology: Best Practices, E-Commerce & Exploiting new technologies

- Financial Management: Working Capital Management, Loan Management, Accounting and Stimulus
- Strategy, Supply Chain Management & Team, Best Practices, Implementations & Framework

03. Session on CMSMEs Development in Bangladesh and Empathy:

Session 01: “EMPATHY for CMSMEs Empowerment”: Innovation, Creativity and Entrepreneurship (ICE) Center of the University of Dhaka (DU) organized a capacity building initiative titled “EMPATHY for CMSMEs Empowerment” on December 29, 2020. The objective of the session was to talk about the importance of EMPATHY while dealing with entrepreneurs in CMSMEs sector of Bangladesh. The session was graced by the following dignitary resource persons:

- Professor Dr. A.S.M. Maksud Kamal, Honorable Pro-Vice Chancellor (Academic),
- Dr. Atiur Rahman, Bangabandhu Chair, University of Dhaka and Former Governor, Bangladesh Bank,
- Dr. Qazi Kholiquzzaman Ahmad, Chairman, PKSF
- Ms. Husne Ara Shikha, General Manager, SME & Special Programmes Department, Bangladesh Bank,
- Mr. Khurshid Alam, Assistant Country Representative, UNDP in Bangladesh

The participants of the session were mid-level and junior officials of the different government organizations responsible for dealing with CMSMEs across Bangladesh including Bangladesh Bank, BSCIC, PKSF, SMEF, Microcredit Regulatory Authority, BMET, BITAC, and Public Sector Banks etc. The session was also attended by the members of Dhaka University Journalist Association (DUJA). More than 100 participants were present in the session via zoom and almost 1500+ people engaged in Facebook live.

Session 02: “Empathy for Strengthening Effective Supply Chain Management with special focus on CMSMEs”: Innovation, Creativity and Entrepreneurship (ICE) Center of the University of Dhaka (DU)

organized a capacity building initiative titled “Empathy for Strengthening Effective Supply Chain Management with special focus on CMSMEs” on December 30, 2020. The objective of the session was to talk about the importance of EMPATHY while dealing with entrepreneurs in CMSMEs sector of Bangladesh. The session was graced by the following dignitary resource persons:

- Prof. Dr. Muhammad Abdul Moyeen Dean, Faculty of Business Studies, Department of Organization, Strategy, and Leadership, University of Dhaka, Director, Pride Group
- Dr. Shahadat Khan, CEO, SureCash
- Prof. Dr. Hosne-Ara Begum, Executive Director, TMSS
- Ms. Uzma Chowdhury, Director Finance, PRAN-RFL Group

The participants of the session were mid-level and junior officials of the different private organizations responsible for dealing with CMSMEs across Bangladesh including BGMEA, SureCash, Fiverr etc. More than 100 participants were present in the session via zoom and almost 1000+ people engaged in Facebook live.

04. Workshop on "Entrepreneurial Story Writing"

On 5th January 2021, Innovation, Creativity and Entrepreneurship (ICE) Center at the University of Dhaka in collaboration with UNDP Bangladesh held a workshop on “Entrepreneurial Story Writing” at 7:30 pm as a part of its REVIVE project itinerary to provide guidance to the CMSMEs Business Facilitators on how to pen the beautiful stories of the entrepreneurs they connected with. The hour and a half long session was presided by Md. Rashedur Rahman, Executive Director of Innovation, Creativity, and Entrepreneurship (ICE) Center with Anisul Hoque, Author, Screenwriter, Novelist, Journalist, Associate Editor, Prothom Alo, Editor, Kishor Alo as the key resource personnel for the session.

Anisul Hoque mentioned how the story of an entrepreneur needs to evoke emotions and touch the heart. He said stories are more powerful than reality, they have the power to last forever in our memory and create an impression that can snowball change. He also noted the importance of 5Ws and 1H namely, who, what, where, when, why and how, when

penning stories of an individual. He ended the session saying that pens are as dangerous a weapon as swords, they can ruin lives as well as save them. It is up to the pen holders to choose wisely on how they want to wield the pen and bring about changes in the community. This is why thinking and writing with compassion in our hearts is necessary. The event was made successful by the highly interactive discussion among CMSMEs Business Facilitators and Anisul Hoque where they voiced their own thoughts and queries on story writing.

More than 6000 people were reached via Facebook live and almost 700+ people were engaged directly through the live session.

05. Mentorship for CMSMEs in Bangladesh:

As part of sharing experiences and providing insights and expertise to the CMSMEs in Bangladesh on their various business' challenges and growth opportunities, ICE Center in partnership with UNDP Bangladesh completed 100 hours of virtual "CMSMEs Mentorship Program" under the REVIVE project. The 100 hours long mentorship program was designed to provide counselling and feedback to the CMSMEs of Bangladesh either immediately through predesigned solutions developed from previous cases or within the earliest possible time by the pool of mentors.

CMSMEs Business Facilitators (Interns) (who have previously received training from ToT sessions) also helped their assigned districts' CMSMEs who faced challenges in participating the mentorship sessions over phone or internet. The virtual mentorship sessions have been graced by more than 80 distinguished guests from ministries, government institutions, banks, academia, NGOs, media houses, development sectors etc. who provided necessary business-related guidance and information to the CMSMEs as per their requirements.

The mentorship program initially began with weekly mentorship sessions that ran for a total of 36 hours starting from November 2020. Surrounding the nation's 49th victory day, the second phase of our mentorship program was launched under the title, "Bijoy Dibosh-2020, Virtual Divisional Mentorship Program" that ran for a total of 64 hours (8 hours per division each day for CMSMEs of the selected division) from December 21-24 2020.

The overall 100 hours mentorship program covered the following sessions:

- Finance, Accounts and Stimulus
- Legal, Governance and Documentation
- Mental Health, Equality and Empowerment
- Strategy, Marketing and Technology
- Network, Linkages and Supply Chain

CMSMEs from 64 districts of Bangladesh (more than 400 CMSMEs) took part in the sessions over the scheduled ZOOM meeting link, telephone system, SMS system, and Facebook Live. Around 40000+ people were also involved via Facebook live as well. The sessions were attended by an average of 40 participants of CMSMEs from different districts who talked about their problems and lack of knowledge on the issues mentioned. Our pool of expert mentors guided them through advisory service on relevant issues they faced.

Divisional Webinars on "CMSMEs in Bangladesh: Journeys, Challenges and Future Direction"

ICE Center, University of Dhaka □□□ UNDP Bangladesh এর উদ্যোগে ১২ জানুয়ারি থেকে ১৮ জানুয়ারি ২০২১ তারিখ পর্যন্ত বিভাগীয় পর্যায়ে "CMSMEs in Bangladesh: Journey, Challenges and Future Direction" শীর্ষক ৮টি ওয়েবিনারের আয়োজন করা হয়। CMSMEs খাতে বিভাগ ভিত্তিক চ্যালেঞ্জ এবং সম্ভাবনাগুলোকে সকলের সামনে তুলে আনার মাধ্যমে আগামীদিনে এই খাতের জন্য সঠিক দিকনির্দেশনা প্রদান করা ছিল এই আয়োজনের উদ্দেশ্য। প্রতিটি ওয়েবিনারে সরকারের মাননীয় মন্ত্রী, উদ্যোক্তা, বাংলাদেশ ব্যাংক প্রতিনিধি, জেলা চেম্বার অব কমার্স এন্ড ইন্ডাস্ট্রি এবং উইমেন চেম্বার অব কমার্সের প্রতিনিধিগণ উপস্থিত ছিলেন।

CMSMEs from different divisions get the opportunities to share their stories and problems directly with government, industries, academicians, and other relevant stakeholders and receive their valuable insights and experiences. We have connected the CMSME's of eight divisions around Bangladesh, listened to their stories, shared a divisional description regarding how covid-19 impacted and our initial insights that we have gathered from our survey findings. These webinars were like building a

platform for where we have the opportunity to interact with experts from government, banks, financial institutions, industries, academicians, and other relevant stakeholders and receive their valuable insights and experiences. These insights provide us valuable guidelines for the betterment of the CMSMEs of Bangladesh.

Divisional Webinar on “CMSMEs in Bangladesh: Journeys, Challenges and Future Direction”: SYLHET DIVISION

Time & Date: 12 January, 2021; 3.30-5.30 PM

Chief Guest: M.A Mannan, Honorable Minister, Minister of Planning, Government of Bangladesh

Distinguished Speaker: Dr. Kazi Kholiquzzaman, Chairman, PKSF

Distinguished Guests: Md. Khurshid Alam, Executive Director, Bangladesh Bank

Mr. Abu Taher Md. Shoeb President, Sylhet Chamber of Commerce Industry

Ms. Sharnolata Roy, President, Sylhet Women Chamber of Commerce Industry

Presided by: Dr. Khondoker Bazlul Hoque, Vice Chairman, ICE Center

Moderated by: Md. Rashedur Rahman, Executive Director, ICE Center, Associate Professor, Dept. of OSL, University of Dhaka

Mr. M.A Mannan, Honorable planning minister while highlighting the vital role CMSMEs plays in the economy mentioned that the cottage, micro, small, and medium sized enterprises (CMSMEs) are the soul of the country's economy. He also mentioned the unique geography of Sylhet and how it is suited for the characteristic industries that have flourished in it over time. He also noted how the government has worked hard for the development of the area which was previously underdeveloped. Now every household has electricity which has made the industries more productive as well. He urged the youth to take forward the hard work and foundation laid by our government to make Bangladesh truly great.

Dr. Kazi Kholiquzzaman advised to not muddle CMSMEs altogether, rather treat each category differently since they each have unique

characteristics. When talking about Sylhet he mentioned how big a tourist spot it is, the income disparity that is persistent and needs eradication. He said Sylhet has much potential to exploit its advantages whilst preserving its biodiversity.

Divisional Webinar on “CMSMEs in Bangladesh: Journeys, Challenges and Future Direction”: RAJSHAHI DIVISION

Time & Date: 12 January, 2021; 07:00 PM-09:00 PM

Chief Guest: Mr. Shahriar Alam, MP, Honourable State Minister of Foreign Affairs, Government of Bangladesh

Distinguished Speaker: Md. Shafiqul Islam, Former MD, SMEF

Presided by: Dr. Khondoker Bazlul Hoque, Vice Chairman, ICE Center

Moderated by: Md. Rashedur Rahman, Executive Director, ICE Center, Associate Professor, Dept. of OSL, University of Dhaka

Distinguished Guests: The event was also attended by Md. Sultan Masud Ahmen, Executive Director, Bangladesh Bank; Ms. Rosettee Najneen, President, Rajshahi Women Chamber of Commerce and Industry; Jafar Bayazid, Deputy General Manager, BSCIC, Jahid Iqbal, Joint Director, Bangladesh Bank and Md Moniruzzaman, President, Rajshahi Chamber of Commerce and Industries.

Honourable state minister has appreciated this initiative by ICE and said if we can support CMSMEs, they can play an important role in the development of Bangladesh which is why policy makers should focus on them and address their issues like capacity building and enhancement of banking facilities.

Md. Shafiqul Islam said that every district has unique resources that we need to optimize and at the same time conserve. In Rajshahi we need to focus on the conservation of natural resources like rivers. Since Bangladesh has been an agro-based country historically, Shafiqul Islam urged to focus on the agro-based businesses. Moreover, he applauded the government for its technology infrastructure that has led to the marketing of many businesses even during the pandemic and stressed to work towards further market expansion and technology enhancement.

Divisional Webinar on “CMSMEs in Bangladesh: Journeys, Challenges and Future Direction”: MYMENSINGH DIVISION

Time & Date: 13 January, 2021 ; 11:00 AM-01:00 PM

Chief Guest: Mr. Mustafa Jabbar, Honourable Minister, Minister of Post & Telecommunication, Bangladesh

Distinguished Speaker: Professor Dr. Atiur Rahman, Bangabandhu Chair, University of Dhaka and Former Governor, Bangladesh Bank

Presided by: Professor Dr. Khondoker Bazlul Hoque, Vice Chairman, ICE Center

Moderated by: Md. Rashedur Rahman, Executive Director, ICE Center, Associate Professor, Dept. of OSL, University of Dhaka

Guest Speakers: Md. Rafiqul Islam, General Manager of Bangladesh Bank and Ms. Lucy Akhtary Mahal, President of Mymensingh Women Chamber of Commerce and Industry

Honourable minister highlighted the importance of the development and spread of digital knowledge to keep up with the times of the present. He also stressed the need to make our knowledge inclusive of Bengali Literature because our heritage is worth knowing and spreading and if the youth will not do it, who will. He put forward how other countries have a lot to learn from Bangladesh like we have from foreign countries. It is an equivalent exchange which is why we should always work towards sharpening our knowledge and culture so we have more to give to the world.

Dr. Atiur Rahman said that enhancement of technology, policy formulation and coordination is at the root of the development of this economy. This pandemic has proven the importance of technological infrastructure more than ever which is why it is absolutely essential that the wonderful initiatives taken by the government to strengthen the ICT sector is further enhanced. Moreover, he said that a lot of policies regarding CMSMEs have already been developed but what needs our attention most is their execution. We need to assure that the implementation of the strategies matches the planning we had undertaken.

Divisional Webinar on “CMSMEs in Bangladesh: Journeys, Challenges and Future Direction”: CHITTAGONG DIVISION

Time & Date: 13 January, 2021 : 07:00 PM-09:00 PM

Chief Guest: Md. Tajul Islam, MP, Honourable Minister, Minister of Local Government and Rural Development, Government of Bangladesh

Distinguished Speaker: Dr. Lila Rashid, Executive Director, Bangladesh Bank and Mr. Mr. Shafiqul Islam GM, BSCIC

Presided by: Dr. Khondoker Bazlul Hoque, Vice Chairman, ICE Center

Moderated by: Md. Rashedur Rahman, Executive Director, ICE Center, Associate Professor,

Guest Speaker: Mr. Shafiqul Islam, General Manager, BSCIC

The honorable LGRD minister said that CMSMEs training and mentorship is crucial for vision 2041 and Bangladesh’s socio-economic development journey. He discussed the potentiality of Chittagong and how it is suited for the characteristic industries that have flourished in it over time. He encouraged the entrepreneurs to pursue collective cultivation and how it can have an impact on the division’s overall economy. In order to make loan disbursement easier, the honorable minister put emphasis on banks following the KYC process. He also said that marine drive is a potential sector for future development in Chittagong region. Regarding incentives, he said that if the traders who are taking these packages cannot take advantage of it in business, then its real purpose will not be achieved. He encouraged the participants about the training program. He added that CMSMEs training and mentorship is crucial for vision 2041 and Bangladesh’s development journey. Lastly, he urged the youth to take forward the hard work and foundation laid by our government to make Bangladesh truly great.

Dr. Lila Rashid shared valuable insights about the SME sector of our country and how it is affecting our economy. In terms of GDP growth, employment opportunities the SME sector is playing a vital role. The government has taken several initiatives to flourish this sector. Dr. Rashid also talked in details about the stimulus package & credit guarantee scheme. She also discussed various facts on direct & indirect stimulus

packages and difficulties faced by the CMSMEs while availing the stimulus packages. Most of the CMSMEs complained about the lengthy and complex process and lack of information distribution in a structured manner. Dr. Rashid also added that our entrepreneurs should be careful about preparing the papers properly.

Mr. Shafiqul Islam GM, BSCIC, told that BSCIC is working on incorporating digital marketing for the CMSMEs and is always there to provide proper training, mentorship, and financing to the CMSMEs even in the most remote part of the country, so that this sector can be one of the most promising sectors of our country. The one-stop service center is formed for CMSMEs. CMSMEs from Cox's Bazar and hill area can play a great role in this regard.

Divisional Webinar on “CMSMEs in Bangladesh: Journeys, Challenges and Future Direction”: RANGPUR DIVISION

Time & Date: 14 January, 2021 ; 07:00 PM-09:00 PM

Chief Guest: Mr. Tipu Munshi, MP, Honourable Minister, Minister of Commerce, Government of Bangladesh

Keynote Speaker: Dr. Mustafa K. Mujeri, Executive Director, Institute for Inclusive Finance and Development (InM)

Distinguished Speaker: Ms. Husne Ara Sikha, General Manager, SMEs and Special Project Department, Bangladesh Bank

Presided by: Dr. Khondoker Bazlul Hoque, Vice Chairman, ICE Center

Moderated by: Md. Rashedur Rahman, Executive Director, ICE Center, Associate Professor, Dept. of OSL, University of Dhaka

Guest Speaker: Ms. Anwara Ferdousi (Poly), President, Rangpur Women Chamber of Commerce and Industry

Mr. Tipu Munshi MP while appreciating the vision of the ICE Center i.e., leading architect towards building an “Innovation Driven Entrepreneurial Bangladesh” urged the youth to have “Never Give Up” attitude while pursuing their entrepreneurial journey. Mr. Munshi while sharing his entrepreneurial journey that he started with only 3500tk in 1972 and now becoming one of the leading entrepreneurs with above 1000 crore valuation company urged ICE Center to inspire youth to pursue the path of

entrepreneurship. Honorable Minister feels that successful entrepreneurship requires 1% luck, 1% talent and 98% “Never Give Up” attitude.

Dr. Mustafa K. Mujeri noted that most of our policies have been developed at a national scale and gloss over the regional scale functionalities which is why regions like Rangpur are not being targeted appropriately and are lagging behind. A special fund should be established targeting regional disparity to uplift the districts and divisions lagging behind and help them address strategic issues like marketing, globalization, linkage establishment, growth pool development etc. While appreciating the prospects of Rangpur division and importance of establishing IT parks and economic zones, Dr. Mujeri urged the importance of importance of entrepreneurial mindset among young generations and tailored made policies to address CMSMEs specially in Rangpur division.

Ms. Husne Ara Shikha, General Manager, Bangladesh Bank, while highlighting CMSMEs contribution to our economy, mentioned that Government is trying to raise CMSMEs contribution to economy to 32% by 2025. She highlighted how during the pandemic Bangladesh Bank and the government have launched many steps to help CMSMEs including BDT 20000 crore has been granted as a stimulus for them in the time being and all banks were instructed to issue help desks in their branches. Ms. Sikha also mentioned that Rangpur division is lagging behind on entrepreneurship and highlighted that out of 72000 entrepreneurs who have participated the nationwide stimulus package decalred by the government, only 465 entrepreneurs from Rangpur of which around 50 of them are women entrepreneurs.

Md. Rashedur Rahman, Executive Director of ICE Center, DU shared the journey, vision and mission of Project REVIVE and the focus of this webinar. He mentioned his high hopes from Rangpur which he believes to be thriving with dormant potential that is waiting to be explored and brought to the surface. He also shared with the Honourable Minister and the rest of the audience his desire to publish a book on the stories and journeys of entrepreneurs from every district to inspire the aspirant entrepreneurs.

Divisional Webinar on “CMSMEs in Bangladesh: Journeys, Challenges and Future Direction”: BARISAL DIVISION

Time & Date: 15 January, 2021 : 06:30 PM-08:30 PM

Chief Guest: Mr. Rashed Khan Menon, Member of Parliament (MP), Chairman of Workers Party of Bangladesh

Keynote Speaker: Professor Dr. Masudur Rahman, Chairman, SMEF, Professor, University of Dhaka,

Distinguished Speaker: Md. Arifuzzaman, Chief Focal, CMSMEs Stimulus and Deputy General Manager, Bangladesh Bank

Presided by: Dr. Khondoker Bazlul Hoque, Vice Chairman, ICE Center

Moderated by: Professor Dr. Muhammad Shariat Ullah, Dept of OSL, University of Dhaka

Remarks: Md. Rashedur Rahman, Executive Director, ICE Center, Associate Professor, Dept. of OSL, University of Dhaka and Ms. Bilkis Ahmed Lily, President of Barisal Women Chamber of Commerce and Industry.

Mr. Rashed Khan Menon MP in his speech said that it is possible to bring about a revolution in the industrial sector of Bangladesh if small and medium enterprises get proper supports. He said that even after the announcement of stimulus packages of 20000 crore, medium enterprises are not getting loans as per their needs from banks. He asked for the attention of banks in this regard and said that the bankruptcy problem is much related to large borrowers rather than the medium entrepreneurs so banks must act in favor of CMSM entrepreneurs. Highlighting the role of agriculture sector in the development of Bangladesh, he said women entrepreneurs and medium entrepreneurs are keeping the wheel of the country's economy moving. He opined that the education system needs to have a strong relationship with industry and government. Regarding Barisal, he said that this region with much potential is still lagging behind. He mentioned that no major industries could be developed in the region due to shortage of gas and electricity. Adequate industrialization will be ensured if gas supply is ensured in the region through the Bhola gas field, he said.

Dr. Masudur Rahman started his speech with the comparison of CMSMEs contribution to the economy of our neighboring countries like, for India the contribution of this sector to national economy is 60%, for Srilanka it

is 45%, for Vietnam it is 55% but in Bangladesh it is only 25% which we are dreaming of to make 32%. Considering this data, he opined that the contribution of the SME sector to the economic growth of Bangladesh is clearly not up to the expected level. Referring to small and medium enterprises as the backbone of large-scale industries, he said more than 80% employment has been created in our country through this sector.

He said that our banks are less experienced in providing loans to CMSMEs where there is both formal and informal business and with this lacking, there is also documentation and some legal issues and for this, banks could only disburse 55% of total stimulus packages till now which in amount is 11 thousand 300 crore. He said there is a clear lacking in capacity building which requires training of entrepreneurs, workshops, introducing modern technology to them, linkage with the market and more initiatives to bring the informal sector entrepreneurs into the formal sector. He claimed that in the last decade, more SME entrepreneurs have been created in rural areas than in urban areas and employment has increased in those areas. He opined that North Bengal is connected to the main economic activities of Bangladesh through the Jamuna Bridge but the infrastructure problem of South Bengal has created obstacles for entrepreneurs to flourish. With the exception of only Barisal district, the other 5 districts of this division do not have any large-scale industrial factories for which the dream of development with industrialization is not seeing the light like other regions. Only 4.5% national level industries are from this region but the data says 12-13% of the total population of Bangladesh is from this region.

Divisional Webinar on “CMSMEs in Bangladesh: Journeys, Challenges and Future Direction”: DHAKA DIVISION**Time & Date: 16 January, 2021 : 04:30 PM-06:30 PM**

Chief Guest: Dr. Gowher Rizvi, Advisor to Hon'ble Prime Minister on International Affairs, Government of Bangladesh

Distinguished Guests: AKM Sajedur Rahman, Deputy Governor, Bangladesh Bank

Barrister Nihad Kabir, President, Metropolitan Chamber of Commerce and Industry (MCCI)

Remarks: Dr. Momtazuddin Ahmed, Honorary Professor of Economics, University of Dhaka and Professor Dr. Muhammad Shariat Ullah, Dept of OSL, University of Dhaka

Presided by: Dr. Khondoker Bazlul Hoque, Vice Chairman, ICE Center

Moderated by: Md. Rashedur Rahman, Executive Director, ICE Center, Associate Professor, Dept. of OSL, University of Dhaka

Dr. Gowher Rizvi began his speech by congratulating ICE Center for its project REVIVE initiative that targets the CMSMEs of our nation. He said that linkage of our entrepreneurs with an international supply chain has now come to be a pressing demand of the time to maintain the rally of growth. From his experience of working with the indigenous community, Mr. Rizvi said that although training and skills development activities that are being undertaken for indigenous and marginal people are appropriate but the main problem lies in creating linkage for them with the market. Historically, entrepreneurs are inclined towards sole proprietorship of their business but in case of the indigenous tribes they think and function like a community and that is how businesses are developed amongst them. To attain the vision of 2030, it is important to bring forward the underprivileged class of citizens in the community and he hopes ICE Center would play a pivotal role. He further advised the youth to be on their toes to tackle another global pandemic if it ever does come again.

Nihad Kabir stated that it is important to address cottage, micro, small and medium enterprises individually while developing policies on different issues such as dealing with the issue like internationalization of CMSMEs sectors or bank policies in providing financial support. By applauding Project REVIVE for its district mapping initiative of the 64 districts, she emphasized on its outcome to be useful for the development and industrialization of the districts. AKM Sajedur Rahman, the Deputy Governor of Bangladesh Bank, in his speech emphasized that for the continued economic growth of Bangladesh, CMSME sector needs to be developed giving priority.

Professor Dr. Muhammad Shariat Ullah pointed out that this project had made it possible to run a nationwide survey addressing the struggles of CMSMEs regarding different important issues. He presented some findings from the working paper focusing on the internationalization of

CMSMEs sector and the extent to which their mindset is affected by various factors. He has high hopes from the resulting working papers that will help shape the future policies of the nation regarding key policy matters.

Professor Dr. Momtazuddin Ahmed discussed about the necessity of cluster-based development regarding widening the window of opportunity for the CMSMEs to enter the global market. He agreed with Barrister Nihad Kabir on the topic of treating C-M-S-M as separate entities. Mr. Khurshid Alam said that for the development journey of Bangladesh, the growth and expansion of the CMSME sector is absolutely vital. Besides, he emphasized on the inclusion of youth in this project to learn the nature of the economy of Bangladesh and to fight future disasters.

Divisional Webinar on “CMSMEs in Bangladesh: Journeys, Challenges and Future Direction”: KHULNA DIVISION

Time & Date: 18 January, 2021 : 11:00 AM-01:00 PM

Chief Guest: Dr. Mashiur Rahman, Economic Affairs Adviser to the Honorable Prime Minister, Government of Bangladesh

Keynote Speaker : Dr. Momtazuddin Ahmed, (Honorary Professor), University of Dhaka

Special Guests: Md. Sirazul Islam, Executive Chairman, BIDA and Shykh Seraj, Journalist, Media Personality, Agriculture Development Activist
Discussants: Md. Khushid Alam, Assistant Resident Representative, UNDP Bangladesh; Kazi Aminul Haque , President, Khulna Chamber of Commerce and Industry; and Mr. Palash Kanti Bala, Chief Executive Officer, Khulna City Corporation

Presided by: Dr. Khondoker Bazlul Hoque, Vice Chairman, ICE Center

Moderated by: Md. Rashedur Rahman, Executive Director, ICE Center, Associate Professor, Dept. of OSL, University of Dhaka

Dr. Mashiur Rahman, Economic Affairs Adviser to the Honorable Prime Minister, Government of Bangladesh mentioned that centralization approach is a constraint for CMSMEs development in Bangladesh, and emphasized the importance of regional connectivity towards an inclusive, efficient and balanced development of the country. Mentioning the necessity of linkage for both large enterprises and CMSMEs, he put focus

on the huge pressure on the only port in Khulna - Mongla port. He also assured that this will ease with the operation of Payra Port.

Md. Sirazul Islam, Executive Chairman of Bangladesh Investment Development Authority (BIDA) emphasized the importance of Industry-Academia collaboration towards Economic Independence of Bangladesh and requested University of Dhaka to play the leading role like it has done in every national crisis. He also requested to develop database of rural and urban entrepreneurs; urged to ignite the inner potentials of students, and hope that a planned effort after completion of the Padma Bridge will significantly improve the business environment of Bangladesh.

Mr. Shykh Seraj, Founder Director & Head of News at Channel i and Vice-President, Dhaka University Alumni Association (DUAA), in his speech appreciated ICE Center for bringing “EMPATHY” and role of YOUTH into the policy discussions, and shared the hardships of the rural entrepreneurs. While sharing his experience that the stimulus declared by the government didn't reach to the rural entrepreneurs who have suffered most, urged to explore alternative channels of distributions.

Dr. Momtazuddin Ahmed, Honorary Professor of Economics, University of Dhaka in his keynote speech appreciated ICE Center to take REVIVE initiative during COVID and mentioned that Khulna is going to be one of the major contributors in development after the completion of the Padma bridge. Dr. Ahmed, while emphasizing the importance of focusing on “Bottom-Up” policy for CMSMEs urged to consider having an SME Bank, “SME Act” and its proper implementation.

Mr. Md. Khurshid Alam, UNDP Bangladesh while appreciating the government for the stimulus package efforts, focused on the engagement of youth during crisis time, importance empathy, technological supports, mentorship and training of CMSMEs specially in vulnerable areas of the country. **Mr. Palash Kanti Bala**, Chief Executive Officer of Khulna City Corporation (KCC) while highlighting the ground baking achievement from Padma bridge constructions, emphasized that this will connect and create a sustainable business economic environment of the region.

Vice-Chairman of ICE Center, **Dr. Khondokar Bazlul Haque** summarized the key points raised by honorable chief guests and other speakers, and concluded the closing ceremony of the Eight Divisional Webinars organized by ICE Center focusing on CMSMEs in Bangladesh. Executive Director of ICE Center, **Mr. Md. Rashedur Rahman** shared

the virtual project REVIVE's activities and outcome, and hope that the outcomes of the project, if implemented can uplift the CMSMEs in Bangladesh towards an Innovation Driven Entrepreneurial Bangladesh.

Innovation, Creativity and Entrepreneurship (ICE) Summit: October 10, 2020

As part of its 2nd anniversary celebration, the Innovation, Creativity and Entrepreneurship (ICE) Center of the University of Dhaka organized a day-long virtual “Innovation, Creativity and Entrepreneurship (ICE) Summit” on October 10, 2020. The day-long summit was divided into five sessions.

Session 01: Youth and Equality being the Two Key Drivers for an Innovation and Knowledge Driven Entrepreneurial Bangladesh

Md. Abdul Karim ndc, Additional Secretary, Ministry of Youth and Sports, GoB and Board Member, ICE Center, DU reminded the audiences that the demographic dividend being experienced by Bangladesh is not here to stay forever, and it is vital that we put the youth population and this opportunity to appropriate use in the upcoming 30 years. **Md. Tajdin Hassan, Head of Marketing, The Daily Star and Founder, Mission Save Bangladesh** stated that in the context of today, skills like empathy and emotional intelligence are highly coveted and a culture should be developed where such skills are given their due importance and inclusivity of all key stakeholders, irrespective of age and gender, is ensured. **Mr. Abdullah Shahid, PhD Candidate, Sociology, Cornell University** stressed on ensuring impersonality in the platform of idea generation and creative expression. He longs for the day when people would be given their due respect and opportunities based solely on their merit and not their age or gender. **Dr. Zeba Islam Siraj, Professor, Department of Biochemistry and Molecular Biology, University of Dhaka** encouraged to work intelligently and to develop a habit of learning from others. She advised the participating audience to not rely on an alternate reality created by the internet but to cross check our references about data. **Kizzy Tahnin, Programme Officer for**

Culture, UNESCO Dhaka Office spoke of the habit of only focusing on the urban setup when talking about youth and gender inclusivity, when reality in the rural landscape is much different. Definition of youth and its structure is not so black and white amongst the rural population rather grey. She also points that there is not much practice of giving creative young entrepreneurs loans. According to her a focus on rural development and establishment of an equity enhanced ecosystem is the way to go. **Lopa Rahman, Corporate Governance Officer, International Finance Corporation (IFC), a member of the World Bank Group** drew the attention to the macro level situation of youth employability. With a proper network, policies addressing education, vocational training and more, Lopa Rahman believes we can truly transform Bangladesh into a knowledge driven entrepreneurial economy. **Sayeda Akther, Assistant Professor, International Relations, University of Dhaka** mentioned that it is very important to connect the huge juvenile population with entrepreneurship. Many of them have negative views towards the entrepreneurial journey which needs to be changed. She also pointed out that the concept of diversity encompasses acceptance and respect.

Session 02: Employability, 4IR and Skills for Future: The challenges encroached upon employability due to the 4th industrial revolution and the global practices currently being adopted to address this change has been discussed in this session.

Mahmudur R Siddiqui, Optical Engineer, Sensing Hardware, Apple Inc. (USA) advised the policies being adopted by Bangladesh to be more operational, focusing on developing the attitude of quick adaptability of the workplace and the transferability of skills among the employees.

Iftekhar Naim, Senior Software Engineer at Google Inc. (USA) mentioned the necessity of automated translation, AI-Natural Language Processing and data analysis. He also spoke of self-

development being extremely crucial in today's context to ensure employability in the era of the 4IR.

Mr. Ashker Mujib, Senior Software Engineer, Intel Corporation and Mr. Radwanul Hasan Siddique, Ph.D, Metaphotonics Team Lead, Image Sensor Lab, SAMSUNG SEMICONDUCTOR, INC. R&D spoke of developing policies that bridges the gap between the skills our workforce currently has and the skills needed by the workplace. They also spoke of creating interdisciplinary teams and challenging ourselves to always learn something new.

Ms. Shantonu Hossain, Former Software Engineer for Amazon and Intel spoke of introducing unconscious bias training in Bangladesh and encouraging thinking outside the box to unmold ourselves from our safety cocoon and innovate.

Professor Dr. Muhammad Abdul Moyeen, Dean, Faculty of Business Studies, University of Dhaka, Board Member, ICE Center, DU and Director, Pride Group said that appropriate foundation of language, science and mathematics should be laid in the pre university level of our education. He also advised us to find our own methodology of learning, to come out of our comfort zone and learn from listening effectively.

Session 03: Startup Stories-Prospects and Pitfalls: Challenges currently being faced by the youth entrepreneurs and how they can adapt themselves to this ever-changing landscape was discussed in this session. Sharing their experience and providing valuable guidance to the audience we had with us Bijon Islam, Co-founder, LightCastle Partners, Sazeeb M. Khairul Islam, Founder YY Ventures, Alaol Kabir, Senior Consultant: Research & Innovation Specialist (Team Leader), IDEA Project, GoB, Kazi Mahboob Hassan, Chief Strategy and Transformation Officer, Grameenphone Ltd., Samad Miraly, Co-Founder, Startup Dhaka and Executive Director, Olympic Industries Limited and Md. Sayed Ali, Deputy Secretary (Youth), Ministry of Youth and Sports, GoB gracing the session as its honourable speakers.

Session 04: Workshop on Design Thinking and The Art of Innovation:

The session began with a Question/Answer session where the attending eager youth population were given the opportunity to voice their dilemmas, confusions and thoughts. The session then continued to include valuable insights given by Tazin Shadid, Co-founder and Executive Chairman, AmarLab and CEO, YY Ventures Limited and Kazi Monirul Kabir, founder and Chief Innovation Officer, Spider Digital Innovations.

Session 05: Entrepreneurial Education and Research: Facts and Future Directions: The session highlighted the importance of entrepreneurial educational research and the development of clusters enhancing the participation of these institutions towards developing an entrepreneurial and knowledge driven Bangladesh with insights from:

- Professor Dr. Khondkar Siddique-e-Rabbani, Honorary Professor, Department of Biomedical Physics & Technology
- Professor Dr. Md. Atiqur Rahman Ahad, Department of Electrical and Electronic Engineering, University of Dhaka, Specially Appointed Associate Professor, Osaka University
- Dr. Bakhtear Talukdar, Assistant Professor of Finance, University of Wisconsin-Whitewater, USA
- Dr. Rimi Zakaria, Associate Professor at University of Wisconsin-Whitewater, USA
- Dr. Mustak Ibn Ayub, Assistant Professor, University of Dhaka
- Dr. Melita Mehjabeen, Associate Professor, IBA, University of Dhaka
- Abdullah Shahid, PhD Candidate, Sociology, Cornell University
- Dr. Mansura Akhter, Assistant Professor, International Business, University of Dhaka

Keynote/Paper Presentation:

- ঢাকা বিশ্ববিদ্যালয়ের শতবর্ষ উদ্‌যাপনের অংশ হিসেবে আয়োজিত আন্তর্জাতিক সেমিনারে আইসিই সেন্টারের নির্বাহী পরিচালক মো. রাশেদুর রহমান **"Sustainable Development Goals (SDGs) and Business**

Education: Roadmap for Business Schools in Bangladesh"

শীর্ষক প্রবন্ধ উপস্থাপন এবং আলোচনা করেন।

- ৫ এপ্রিল ২০২১ ইং তারিখে আন্তর্জাতিক "ডি-৮ যুব সম্মেলন ২০২১" আইসিই সেন্টারের নির্বাহী পরিচালক মো. রাশেদুর রহমান মূল আলোচক হিসেবে প্রবন্ধ উপস্থাপন করেন। 'Entrepreneurship for Sustainable Transformation' থিমের এই সম্মেলনে ৮টি দেশ থেকে ১৫০ জন নির্বাচিত তরুণ তরুণী অংশগ্রহণ করেছে।
- ২৮ অক্টোবর ২০২০ ইং তারিখে যুব মন্ত্রণালয় আয়োজিত **"National Youth Day: Employability and Entrepreneurship Development in Bangladesh Pandemic and Beyond"** শীর্ষক সেমিনারের মূল আলোচক হিসেবে উপস্থিত ছিলেন আইসিই সেন্টারের নির্বাহী পরিচালক মো. রাশেদুর রহমান। The Ministry of Youth and Sports, Government of Bangladesh, ICE Center, University of Dhaka, and Institute of Disaster Management and Vulnerability Studies (IDVMS), University of Dhaka jointly organized the seminar.

Advocacy and Awareness Programs, Meetings and Competitions

- **"REVIVE" Project was launched by the UNDP Bangladesh and the ICE Center, University of Dhaka on the occasion of ICE Center's 2nd Anniversary**

The Innovation, Creativity and Entrepreneurship (ICE) Center of the University of Dhaka and United Nations Department Program (UNDP), Bangladesh launched "REVIVE" Project' to respond to the COVID- 19 affected Cottage, Micro, Small and Medium Enterprises (CMSMEs) sectors of Bangladesh. The objective of the project is to: (1) Listen the stories of the CMSMEs across 64 districts, provide advisory, training and mentorship services to selected CMSMEs to assist revive their business; (2) Share the findings (both stories and research) with the policymakers and other important stakeholders for effective policy decision and implementation, and (3) Strengthening the supply chain network by connecting CMSMEs with large enterprises

The launching ceremony of the project was launched on September 10, 2020 on the occasion of the Inaugural Ceremony of the ICE Center's 2nd anniversary celebration via "Zoom" and Facebook "Live".

Mr. Nurul Majid Mahmud Humayun, Minister, Ministry of Industry, Government of Bangladesh, grace the ceremony as a Chief Guest. Mr. Md. Akther Hossain, Secretary, Ministry of Youth and Sports, Government of Bangladesh; Mr. Sheikh Fazle Fahim, President, Federation of Bangladesh Chambers of Commerce and Industries (FBCCI); and Ms. Van Nguyen, Deputy Resident Representative, UNDP, Bangladesh were present in the program as special guests. Prof. Dr. Md. Akhtaruzzaman, Vice Chancellor, University of Dhaka and the Chairman of the ICE Center chaired the session where Mr. Khurshid Alam, Assistant Resident Representative, UNDP, Bangladesh and Professor Dr. Khondoker Bazlul Haque, Vice Chairman of ICE Center, University of Dhaka, put their valuable insights.

The Chief Guest, **Mr. Nurul Majid Mahmud Humayun** MP, Honorable Minister, Ministry of Industries, Government of Bangladesh congratulated the ICE Center and addressed the roles of the government in entrepreneurship development in Bangladesh. He appreciated the launching of the REVIVE project, which aims to facilitate in creating an effective and enabling business environment for CMSMEs, as a part of a collaboration between the ICE Center and UNDP. He said that the project would make an excellent base for the government, industries, private sector, academia, researchers, community, and civil society to explore this sector's prospects and possibilities. He expressed his high hopes and determination to take Bangladesh to the next level of innovation-driven development and extended his interests to play an important role in realizing the targets of the project.

Honorable Vice-Chancellor, **Professor Dr. Md. Akhtaruzzaman** and also chair of the ceremony, emphasized importance of Innovation, Creativity and Entrepreneurship and importance of integrating these three together in country's development journey. Professor Dr. Akhtaruzzaman thanked UNDP Bangladesh for this important initiative specially in the difficult time and launched the "REVIVE" project and the month long activities of the ICE Center to mark its 2nd anniversary.

Mr. Md. Akther Hossain, Secretary, Ministry of Youth and Sports, Government of the People's Republic of Bangladesh, while mentioning that the theme of the ICE Center's 2nd anniversary "Towards an Entrepreneurial and Developed Bangladesh: CMSMEs as the Building Blocks for an Innovation and Knowledge Driven Economy" is very unique and much needed, also appreciated ICE Center's month-long initiatives focusing on Training of Trainers; Webinars; Workshops; Dialogues, Mentorship Programs; Internship; Essay Competition; Innovation and Creativity Showcases; and ICE Summits etc. At the same time, he mentioned the ICE's initiative with UNDP Bangladesh titled 'REVIVE' is praiseworthy and ministry of youth and sports will be happy to be part of this project as the ministry is already in the board of the ICE Center.

Ms. Van Nguyen, Deputy Resident Representative, United Nations Development Program (UNDP) in Bangladesh shared her valuable thoughts regarding the issue. She lauded the Bangladesh Government response to support the CMSMEs sectors and also thanked ICE Center for taking initiatives on CMSMEs. In her speech, she highlighted three important aspects, e.g. (i) COVID 19 hasn't affected everyone equally; (ii) there are both opportunities and challenges and we must need to address the challenges while exploring all the opportunities; and (iii) finally, she urged the youth of the country to play an active role in this difficult times and urged for a mindset shift to deal with post COVID 19 world.

Mr. Sheikh Fazle Fahim, President, the Federation of Bangladesh Chambers of Commerce and Industry (FBCCI), mentioned the roles of FBCCI in the development of entrepreneurial Bangladesh, such as training for aspiring and bringing limelight to the unaddressed and lagged entrepreneurs. While expressing his interest to work together, Sheikh Fahim, emphasized the importance of this REVIVE project and hope that this will give all of us a baseline information to find out stakeholder's responsibilities to address challenges the CMSMEs are facing in Bangladesh.

Mr. Khurshid Alam, Assistant Resident Representative, UNDP, Bangladesh emphasized the importance of addressing the CMSMEs

challenges due to COVID 19 and recent disasters like cyclone Amphan and Flood, and urged all the key stakeholders to play a collaborative role.

Professor Dr. Khondoker Bazlul Haque, Vice-Chairman of Innovation, Creativity and Entrepreneurship Center, University of Dhaka in his closing remarks and vote of thanks emphasized the importance of innovative and entrepreneurial spirit and thanked all the people who have been associated with the journey of ICE Center. He also thanked UNDP Bangladesh for taking a lead role in address a very important sectors i.e. CMSMEs in Bangladesh.

Md Rashedur Rahman, Executive Director, ICE Center and Associate Professor of Strategy and Leadership, University of Dhaka moderated the ceremony. Executive Director of ICE Center, Mr. Rahman, made a presentation of the REVIVE Project's vision, objectives, targets, and the achievements that the Center has realize since its establishment. While highlighting the ICE Center's vision towards an Innovation Driven Entrepreneurial Bangladesh, Mr. Rahman also shared that the 4Ps intervention i.e. person level, program level, policy level and platform level are critical for this development journey.

- **The CMSMEs mentorship Program under “REVIVE” Project was launched by the ICE Center, University of Dhaka in collaboration with UNDP Bangladesh**

On October 8th, 2020, Innovation, Creativity, and Entrepreneurship (ICE) Center of the University of Dhaka has launched its weekly mentorship-training program for CMSMEs under the Revive Project, in partnership with UNDP Bangladesh. The objective of the program is to provide 100 hours of mentorship on much-needed topics like - finance, governance, mental health, marketing, and supply chain. The target is to reach out to as many CMSMEs as possible during October to December 2020, through 4 weekly sessions on every week during these three months using online platforms. With the agenda of reaching out to the CMSMEs, at both national and subnational levels, and 10 hours of mentorship from experts of various sectors, we would like to create awareness and let the

community know about the latest on-going schemes regarding CMSMEs and provide inspiration. The program aims to create a thriving community for the CMSMEs so the efforts of these unsung heroes do not go unnoticed and snowball into a developed economy of Bangladesh.

Dr. Atiur Rahman, Former Governor, Bangladesh Bank; Chair of Bangabandhu, University of Dhaka; Professor Department of Economics, University of Dhaka graced the occasion as our respectable chief guest, while Dr. Md. Masudur Rahman, Chairperson, Small & Medium Enterprises Foundation (SMEF), Shams Mahmud, President, Dhaka Chamber of Commerce & Industry (DCCI) and Md Mostaque Hassan, Chairman (Additional Secretary), NDC, Bangladesh Small & Cottage Industries Corporation (BSCIC) were present as special guests for the event. Dr. Khandoker Bazlul Haque, Vice Chairman, Innovation, Creativity and Entrepreneurship (ICE) Centre, Supernumerary Professor, Department of International Business, University Of Dhaka presided over the session. The discussions were moderated by Md Rashedur Rahman, Executive Director, ICE Center, and Associate Professor of Strategy and Leadership, University of Dhaka.

The Chief Guest, **Professor Dr. Atiur Rahman** congratulated ICE Center and the REVIVE project for taking this much-needed initiative and shedding light on the CMSMES. He stressed the importance of information technology and communication infrastructure towards building a more responsive and agile economy that promptly addresses the shortcomings that exist. Dr. Atiur Rahman ended his speech through the following quote" He is a leader who can instill a vision in others and energize the mass. He is a leader who makes others feel like they are being heard and not neglected. A true leader never leaves his people behind and this project and initiative of a mentorship program is a testament of the true Leadership portrayed by the ICE Center of the University of Dhaka.

The special guest of the event, **Professor Dr. Md. Masudur Rahman**, Chairperson, Small & Medium Enterprises Foundation (SMEF) stated that a national policy acknowledging the CMSME sector is a big achievement in itself but CMSME's structural weakness and lack of integration with the formal sector is massively keeping it from reaching its full potential. The

Finance Ministry, SME Foundation, BSCIC combined with ICE can surely create a sustainable impact in this regard by initiating a national-level dialogue, providing mental health support, and a network for marketing their products to give the CMSMEs their well-deserved exposure.

Md Mostaque Hassan, Chairman (Additional Secretary), NDC, Bangladesh Small & Cottage Industries Corporation (BSCIC) stated that stimulus packages usually never benefit SMEs as government policy does not allow such packages in this sector. But due to BSCIC's special request this year during the pandemic, the government has allowed packages for CMSMEs as well, which is helping them survive in this unprecedented time. He hopes that this project by ICE Center and UNDP will help identify more such gaps in the policies for CMSMEs and congratulated them for starting this mentorship program.

Mr. Shams Mahmud, President, Dhaka Chamber of Commerce & Industry (DCCI) honored CMSMEs as the unsung heroes of our economy and thinks it is very important to work towards their benefit. He appreciated the program structure since it addresses issues like mental health and database creation. According to him, the impact of database creation is humongous as it will help create credibility for the CMSMEs.

Professor Dr. Khondoker Bazlul Haque, Vice-Chairman of Innovation, Creativity, and Entrepreneurship Center, the University of Dhaka closed the event emphasizing the importance of an innovative and entrepreneurial spirit. To him, mentors are like guardians and that is why he applauds ICE and REVIVE for taking this initiative of a mentorship program and hopes for the assistance of all those involved in this wonderful journey.

The Executive Director of Innovation, Creativity, and Entrepreneurship (ICE), **Md. Rashedur Rahman**, who moderated the session gave a brief presentation on REVIVE and the necessity of this mentorship-training program. During his speech he invited some of the attending CMSME entrepreneurs from different districts to address their problems and the expectations, they have from this program. Apart from these the results of a pilot run of the project on 221 entrepreneurs were also shown during the presentation.

- Essay Competition on *“Towards an Entrepreneurial and Development Bangladesh: CMSMEs as the Buildings Block for an Innovation and Knowledge Driven Economy”*

Innovation, Creativity and Entrepreneurship (ICE) Center at University of Dhaka, in collaboration with UNDP Bangladesh, organized an Essay Competition titled *“Towards an Entrepreneurial and Development Bangladesh: CMSMEs as the Buildings Block for an Innovation and Knowledge Driven Economy”*. The essay writing competition was participated by 72 students from 16 universities all around the country and 03 colleges.

A virtual prize giving ceremony for the essay competition was held on 31st December 2020 at 11:30 am. The event chaired by Md. Rashedur Rahman, Executive Director of Innovation, Creativity and Entrepreneurship (ICE) Center, was also graced by the presence of Prof. Dr. Muhammad Samad, Honourable Pro-Vice Chancellor, University of Dhaka as chief guest and Professor Mamtaz Uddin Ahmed, Honourable Treasurer, University of Dhaka as special guest. The event was also attended by the honourable Vice Chairman of ICE Center, Dr. Khondoker Bazlul Haque and Mr. Md. Jahid Iqbal, Joint Director of Bangladesh Bank. Mr Rashedur Rahman congratulated all those who poured their beliefs, thoughts and dreams on the paper so beautifully.

Prof. Dr. Muhammad Samad began by thanking ICE Center, DU for creating such opportunity and congratulated all the participants who harbour great curiosity among themselves, bear a researcher mentality and pen down their thoughts so articulately for all of us to read and enjoy. He also mentions how people like them are our crown jewels for establishment of an inclusive, innovative and developed society. He also mentioned that development of villages and reducing the differences between urban and rural advancement should be our focus now.

Prof. Mamtaz Uddin thanked ICE for initiating such a project that works with CMSMEs to such extent. He congratulated all the participants for being brave and putting themselves on the paper. Our nation can only go forward when such brave youths take the much needed initiatives says Prof. Mamtaz. Prof. Dr. Khondokar Bazlul Haque inspired the youth of the nation to be the captain the ship of innovation and development of our country and requested to lead the nation with empathy.

First Prize: (BDT 10000) and certificate from ICE was given to: Justita Musrat, Institute of Business Administration (IBA), University of Dhaka. Second Prize (BDT 7500) and certificate was won by Sakif Al Ehsan Khan, Department of Public Administration, University of Dhaka. Third Prize (Joint) (Total BDT 6000; Shared) and certificates were given to Sadia Islam Taspia, Department of Accounting and Information System, University of Dhaka and Sheikh Maher Ansari, Department of Mass Communication and Journalism, University of Dhaka. As Honorable Mentions BDT 2000 were given to 10 students.

- **Launching of the “VOICE” Series: কেমন আছেন?:**

As part of listening to the voice of different stakeholders towards building an “Innovation Driven Entrepreneurial Bangladesh”, The Innovation, Creativity and Entrepreneurship (ICE) Center, University of Dhaka had launched a new initiative called the “VOICE Series: কেমন আছেন?” on June 27, 2021 at 06.00pm.

This unique initiative was undertaken with the aim of developing a platform for different stakeholders from government, industry, universities, and development sectors (GUIDE) who will listen, interact, discuss, debate, and develop policy recommendations for an effective entrepreneurial ecosystem.

The first episode of the series focused on Listening to the VOICE of CMSMEs across Bangladesh. In this episode, we listened to the stories, experiences and challenges of the different CMSMEs from different divisions of Bangladesh. The virtual event was attended by the CMSMEs

of Eight Divisions. Mr. Khurshid Alam, Assistant Resident Representative, UNDP in Bangladesh, Md. Abdul Karim NDC, Additional Secretary, Ministry of Youth and Sports, GoB and Board Member, ICE Center, and Md. Arifuzzaman, CMSMEs Focal Point and Deputy General Manager, Bangladesh Bank attended the prestigious event. It was presided over by Md. Rashedur Rahman, Executive Director, ICE Center and Associate Professor of Strategy and Leadership, University of Dhaka.

Sustainable Development Goals (SDGs) and ICE Center, DU

- “টেকসই উন্নয়ন লক্ষ্যমাত্রা অর্জনে বিশ্ববিদ্যালয়ের ভূমিকা” শীর্ষক বিশেষ ওয়েবিনার ৪ শতবর্ষে ঢাকা বিশ্ববিদ্যালয় উপলক্ষ্যে কেন্দ্র করে জুলাই ১, ২০২০ ইং তারিখে ICE Center “টেকসই উন্নয়ন লক্ষ্যমাত্রা অর্জনে বিশ্ববিদ্যালয়ের ভূমিকা” শীর্ষক একটি মতবিনিময় সভার আয়োজন করে। এই আয়োজনে প্রধান অতিথি হিসেবে উপস্থিত ছিলেন ঢাকা বিশ্ববিদ্যালয়ের উপাচার্য অধ্যাপক ড. মো. আখতারুজ্জামান। বিশেষ অতিথি হিসেবে উপস্থিত ছিলেন বাংলাদেশ সরকারের পরিকল্পনা মন্ত্রণালয়ের প্রতিমন্ত্রী ড. শামসুল আলম, সিপিডি'র ফেলো ড. মুস্তাফিজুর রহমান এবং ঢাকা চেম্বার অব কমার্স এন্ড ইন্ডাস্ট্রির প্রেসিডেন্ট শামস মাহমুদ। ICE Center এর নির্বাহী পরিচালক মো. রাশেদুর রহমানের সঞ্চালনা এবং সেন্টারের ভাইস চেয়ারম্যান ড. খন্দকার বজলুল হকের সভাপতিত্বে এই আয়োজনে অন্যান্য আলোচকবৃন্দের মাঝে আরো উপস্থিত ছিলেন UNDP Bangladesh এর সহকারী আবাসিক প্রতিনিধি খুরশিদ আলম, বিশ্ব ব্যাংক গোষ্ঠীর সাবেক সিনিয়র অর্থনীতিবিদ এবং পলিসি এক্সচেঞ্জ এর চেয়ারম্যান মো. মাসরুর রিয়াজ।
- **DU SDGs Response Coordination Cell and ICE Center, DU:**

The University of Dhaka has recently established an DU SDG Response Coordination Cell on the 20th July 2020, of which the Executive Director of the Innovation, Creativity and Entrepreneurship Center (ICE), Md. Rashedur Rahman, is a member secretary. ICE Center, DU will provide secretarial support to the Cell. Chaired by Professor Dr. Muhammad Samad, Pro Vice Chancellor (Administration), University of Dhaka, the cell has the following members:

1. Dean, Faculty of Business Studies, University of Dhaka

2. Dean, Faculty of Social Science, University of Dhaka
3. Dean, Faculty of Biological Science, University of Dhaka
4. Dean, Faculty of Earth and Environmental Science, University of Dhaka
5. Director, Institute of Business Administration, University of Dhaka
6. Executive Director, the Innovation, Creativity and Entrepreneurship (ICE) Center, University of Dhaka; member secretary

The cell has been established to align the university's course curriculum, research work, operational governance and its status as an exemplary leader in its community, with realising the SDGs and achieving Agenda 2030. In the first official meeting, discussions on how the cells's Terms of References (ToR), Roadmap, Scope and Activities can align the activities of the University of Dhaka with the SDGs Agenda 2030 were held. Executive director of the Innovation, Creativity and Entrepreneurship Center (ICE), Md. Rashedur Rahman, was appointed as the member secretary of the cell.

The cell has also recently adopted an "DU SDG Implementation Framework: 10 years Roadmap for DU" shared by Md. Rashedur Rahman, Executive Director, ICE Center, DU that focuses on aligning the activities of the university with the 4 pillars of University Contribution to the SDGs as entailed by the Sustainable Development Solutions Network (SDSN). Activities of the Institutionalisation Phase (Phase I) for the period of 2021-2022 including mapping of the University Curriculum and Research Works, Application to the Impact Ranking, Preparation of Strategic Plans, Promotion and Incentivization of Interdisciplinary Research, Webinars, SDGs Summit, Annual SDGs reports and Formation of Advisory Committee etc. were presented and approved in the second meeting of the cell. There are four phases of the plan, including:

Phase I: 2021-2022: Institutionalization and shared ownership

Phase II: 2023-2025: Implementation

Phase III: 2025-2028: Influence and Leadership in the Region

Phase IV: 2029-2030: Inspiration and Role Model for the World

Meetings and Visits :

- March 21, 2021: Meeting between KOICA Bangladesh and ICE Center about "**Capacity Building of Universities in Bangladesh to Promote Youth Entrepreneurship**" Project at VC office
- On 24th June 2021, ICE Center, DU held a virtual meeting with the teams from KOICA, Korea Polytechnic University (KPU), Korean Productivity Center (KPC), Vernacular Consultant LTD to talk about future plans, infrastructure issues and growth of the Center.
- A Field Visit by the officials from ERD, Ministry of Finance, GoB and KOICA Bangladesh team was held on 28th June 2021 at the ICE Center, DU regarding the upcoming multi-stakeholder initiative on Entrepreneurship Development.

Projects (upcoming) :

"Capacity Building of Universities in Bangladesh to Promote Youth Entrepreneurship" Project

The Innovation, Creativity and Entrepreneurship (ICE) Center of the University of Dhaka has initiated a government to government (G2G) project titled "*Capacity Building of Universities in Bangladesh to Promote Youth Entrepreneurship*". Overall objective of the project is to strengthen the entrepreneurial ecosystem at the Universities in Bangladesh through developing infrastructure and curriculums on entrepreneurship education, capacity building and strengthening relationships among key stakeholders, and developing a roadmap on entrepreneurship education for the universities in Bangladesh. Specific Objectives of the project are:

- supporting the infrastructure (space, equipment etc.) for entrepreneurship education at the University of Dhaka.

- developing module, and capacity building of the educators, professionals and potential youth entrepreneurs on entrepreneurship education.
- strengthening the network and relationship among stakeholders of entrepreneurship ecosystem in Bangladesh
- developing a roadmap to promote effective entrepreneurship education highlighting the roles, responsibilities and action plans of the universities in Bangladesh through research and advocacy

Signing ceremony of the Record of Discussion (RoD) of the project between the Government of Bangladesh and South Korean Government was held on January 31, 2021. The University of Dhaka had submitted a Project Concept Paper (PCP) to KOICA in November 2016. After five feasibility studies that were conducted by experts from South Korea, the activities of the project had been finalized and approved at the RoD with USD 7.5 Million grants contribution from KOICA for this pilot initiative.

Brief Project Details :

Project Title: Capacity Building of Universities in Bangladesh to Promote Youth Entrepreneurship. (CREATIVE Bangladesh)

Sponsoring Ministry/Division: Ministry of Education, Government of The People's Republic of Bangladesh

Implementing Agency (ies): University Grants Commission of Bangladesh (UGC) and University of Dhaka (DU) (ICE Center).

Development Partners: KOICA Bangladesh and Project Management Consortium consisting of Korean Polytechnic University and Korea Productivity Center (appointed by KOICA)

Value: USD 7.5 Million (KOICA's contribution) plus Government of Bangladesh's contribution of around USD 1.5 Million

Duration: 2021-2024, four fiscal years and the site of the project is University of Dhaka.

Stakeholders: The project under the Ministry of Education (MoE), Government of Bangladesh (GoB) will be implemented by the University Grant Commission (UGC), Secondary and Higher Education Division (SHED) and University of Dhaka (DU) in partnership with the Korea Cooperation International Agency (KOICA), reputed universities in Bangladesh and other important national and international stakeholders.

Residential Halls

Salimullah Muslim Hall (1921)

Provost

Professor Dr. Md. Majibur Rahman

House Tutor

(1) Dr. Muhammad Balal Hossain; (2) Professor Dr. Md. Abu Bin Hasan Susan; (3) Dr. Zahid ul Arefin Choudhury; (4) Azizur Rahman.

Assistant House Tutor

(1) Professor Dr. Md. Monirul Islam; (2) Khaled Mahmud; (3) Shiblee Noman; (4) Abdus Satter.

Senior Imam Khateeb

Hafez Md. Abul Kalam Azad

Senior Administrative officer

(1) Mohammad Nuruzzaman; (2) Mohammad Mamun Serajul Islam.

Other Hall Staff

A total of 44 staff (employees including 3rd and 4th class) have been working in different positions.

Total number of students

The total number of students in the Hall is 1718 during the 2020-21 academic session. Among them, 402 are resident students and 342 are doubler and the rest are non- resident students.

Scholarship, Stipend and other Financial Awards

A good number of students of this hall received different types of scholarships in this academic year. Among them, 38 received UGC scholarships on the basis of their results of Bachelor degree Examinations, 136 received Board scholarships, 11 received Pre- graduation scholarships and 13 got S.M. Hall scholarships.

National, Cultural and Religions functions

All national and religious days including Intellectuals Martyr Day, Victory Day (Shahid Buddijibi Dibash), International Mother Language Day, Shahid Day & Independence Day were observed in the Hall in a befitting manner. The 100th Birthday of the Father of the Nation Bangabandhu Sheikh Mujibur Rahman (Which has been declared as international Children day) was observed with due festivity. The Death anniversary (Shahadat Barsiki) of Bangabandhu was also observed by organizing a discussion meeting and Milad Mahfil. The Dhaka University Mourning Day was observed by the Hall Administration on October 15.

Annual Sports

Annual Sports competition was held on 06 February' 2020 and it was inaugurated by the Treasurer of Dhaka University Professor Dr. Kamal Uddin Ahmed . The Vice Chancellor of Dhaka University Professor Dr Akhtaruzzaman distributed prizes among the winners. Dhaka University day was observed on 1st July in a befitting manner.

Dining Hall Mess System

Dining hall Mess system has been functioning under the supervision of house tutors. A Committee formed by the students run the mess smoothly.

Badhon

Badhon – a Voluntary Blood Donation organization has been working in the Hall. Members of Badhon donated blood to many critical patients.

Hall Garden

During this academic session there were a large number of valuable saplings planted in the Hall garden. Apart from that, many seasonal flower plants were also cultivated there.

Debating Club -

A Debating Club has also been active in the hall. This club participates in the National television debate and other programs.

Hall Library:

There are 7088 books in the Hall library, 117 of them have been newly added. Most of the books are text books, 450 books have been issued among 738 students in this session. Students regularly study in the library. In this academic year, a good number of books have been purchased for the library.

Reading Room

On both sides of the Dining Hall gate there are two Reading rooms. One is for reading daily news papers and the other for periodicals. Besides, for the convenience of reading, a separate Reading room has been arranged in the hall.

Drama and music club

There is a room allocated for drama and music practice in the hall.

Results of Different Examinations

The results of Bachelors (Hons) and Masters Examination of the students of this Hall are satisfactory.

Hall Union

After a long Pause, the election of the Executive committee of the Hall Union was held in March 2019. There is a separate office in the Hall for smooth functioning of the Hall Union.

Dr. Muhammad Shahidullah Hall (1921)**Provost**

Prof. Dr. Syed Humayun Akhter (Upto 29-06-2021)

Prof. Dr. Mohammad Zabed Hossain (From 30-06-2021)

House Tutor

(1) Prof. Dr. Mohammad Zabed Hossain (Upto 29-03-2021); (2) Mr. Tauhid Hossain; (3) Dr. B.M. Moinul Hossain; (4) Mr. Md. Ibrahim Mia; (5) Prof. Dr. Mohammad Azmal Hossain Bhuiyan; (6) Dr. Abul Khair Mollik; (7) Dr. Md. Ruhul Kuddus; (8) Dr. Md. Anowar Hossain Bhuiyan; (9) Mr. Md. Zafar Dewan.

Assistant House Tutor

(1) Dr. Md. Mohasin; (2) Dr. Md. Enamul Hoque; (3) Mr. Md. Iqbal Hosan; (4) Mr. Md. Yousuf Gazi; (5) Mr. Md. Mostavi Enan Eshiq; (6) Mr. Md. Jashem Uddin; (7) Dr. Mohammad Shahruzzaman.

Senior Administrative Officer

(1) Md. Billal Hossain

Senior Administrative Officer

(1) Md. Abdul Halim Khan; (2) Sheikh Md. Emdadul Haque; (3) Mr. Md. Zakaria Ali; (4). Mr. Mohammad Mizanur Rahman.

Administrative Officer

(1) Mr. Md. Shah Alam Patwary

Imam Khatib

(1) Hafez Mowlana Mohammad Ullah (Dr. Muhammad Shahidullah Hall Jame-Mosque);

Imam Khatib

(1) Hafez Md. Mamunur Rashid (Musa Khan Jame-Mosque).

Hall Staffs

Class—III	Class -IV			Total
	Regular	Master Roll	Part-Time	
(Office :1+7+Technical: 4) =12	55	02	06	12+63=75

Number of students

Residents (including Doublers) 1288
Non-residents being 1297
Total No. being 2585

Distinction in the Examinations

The students of the Dr. Muhammad Shahidullah Hall have attained sufficient credits and distinctions in the examinations of different subjects, results of which have been published in this session among them 120 students in M.S. Examinations and 179 students in B.S. Honours Examinations got CGPA 3.5 and above.

Stipends & Scholarships

The students of this Hall enjoyed the benefit of scholarships and stipend in this session of 2020-2021:

20 Government Scholarships on the basis of the results of Honours Final Examinations in general grade. There are 20 scholarship from Senakallyan Sangstha and 8 from different organizations, 5 Scholarship Awarded to students from Bangladesh American pharmacist Association, 5 Scholarships from Sumitomo Corporation and 8 Scholarships from pre Honours.

Hall Library

Dr. Muhammad Shahidullah Hall Library is under supervision of three house tutors. New books for student's worth Tk. Fifty Thousand obtained from the University has been procured for the students, some worth reading new books purchased for Hall Library in this session. Students of the Hall avail the opportunity of using the Hall Library facilities during the day time.

Administrative activities

There are three house tutors' offices located at the three residential buildings and house tutors do office in these offices and perform their duties including checking residentship, allocation or cancellation of seats, permission to leave the hall and counseling. Apart from the fixed days of the week the house tutors visit the house tutor offices also on other days of the week if necessary, to listen to the problems of the students and pay necessary counseling to the students to overcome the problems. Honorable Provost of the Hall Prof. Dr. Muhammad Zabeed Hossain supervises overall activities and he remains in the Hall office at least six hours a day.

Dining Facilities Systems

There are 2 messes named Bikalpa Mess and Mess-1 in the Hall and these are run by the self-management of residential member students of the hall. Three House Tutors supervise each mess for the better operation of the mess. Students themselves arrange their necessary items and recipes etc. So the standard of food becomes improved and the student gets satisfaction. Breakfast, meals of the mid-day and meals of the night are served at reasonable prices in the Hall canteen. Three House Tutors are engaged in the overall supervision here also. Mess and canteen are kept neat and clean always and the canteen staff also maintained hygienic condition. It should be mentioned that because of Covid-19 pandemic the University closed on 24 March 2020. For this reason the mess and canteen also remained closed.

Sports, Games and Athletics of the Hall

No sports, Games and Athletics of the Hall were held in the session 2020-2021 since the University was closed due to Covid-19 Pandemic.

Hall Gardening

To maintain landscape and Garden's Tk. 55,000.00 (Fifty Five Thousand) was obtained from the University in this year. A good number of seasonal fruit plants, medicinal plants, flower plants and ornamental plants were planted.

Celebrations of National days

The 21 February, the martyrs day and the International Mother Language day were celebrated with due solemnity and fervor. Discussions and prayer after Milad Mehfil were performed at the occasions of the birth and death anniversary 2020 of National Poet Kazi Nazrul Islam, 15th August 2020, the National Mourning Day and 17th March 2020, the 100th birth anniversary of the Father of the nation and National Children Day. The 15th October 2020, Dhaka University, Mourning Day was observed with due solemnity and respect. Pahela July 2020 was celebrated duly as the Dhaka University day. On the Birth and Death anniversary of Dr. Muhammad Shahidullah on 10th and 13th July 2020 respectively bundles of flowers were offered and prayer were performed in front of his graveyard. The 26th March 2021, the great independence day was not possible to be

celebrated because of Covid-19 pandemic when the University and all the Halls were closed in the session of 2020-2021.

Religious Ceremonies

On the occasion of Holy Eid-e-Miladunnabi (Sa.), Holy Lailatul Baraat and Shabe Qadr, discussion and milad mahfil were organized at Jame Mosque Hall. Like other years, this time the holy Eid Jamaat was held at Muhammad Shahidullah Hall Jame Mosque in compliance with hygiene rules and maintaining social distance.

Debating Club

There is a club called Dr. Muhammad Shahidullah Hall Debating Club in this hall. Inter-university and other debate competitions, including the national television debate at Dr. Muhammad Shahidullah Hall regularly participate.

Badhan

Dr. Muhammad Shahidullah Hall "Bandhan" diagnoses free blood groups in addition to voluntary blood donation and encourages other students in the hall to donate blood voluntarily. As well as participating in various social activities such as distribution of winter clothes, providing assistance in disaster affected areas and more.

Infrastructural Development

As part of the modernization of the infrastructure of the hall, the interior renovation / repair and painting work of the second floor of the Shaheed Ataur Rahman Khan Khadim (Extended-2) building is underway this year with the funding of Dhaka University.

With the Financial Support of the university, the bathroom and toilets of the main building of Dr. Muhammad Shahidullah Hall have been repaired and repainted.

Clean Campus Week

On the occasion of the Centennial birth of the Father of the Nation Bangabandhu Sheikh Mujibur Rahman a clean-up drive is being conducted every Saturday of the first week of the month in celebration of "Clean Campus Week" aimed at building a clean and aesthetic campus of the

university to mark the centenary of the great Mujib Year 2020 and the golden jubilee of the traditional Dhaka University. As a result, the hall campus and its premises are cleaner and more aesthetically pleasing than ever before. The trend of keeping campus and hall dormitories clean and raising awareness among students have also been reflected. The "Clean Campus Week" program is temporarily closed due to the closure of the university owing to the Covid-19 epidemic.

Jagannath Hall (1921)

Provost

Professor Dr. Mihir Lal Saha

House Tutor

(1) Dr. Tapas Debnath, (2) Mr. Dulal Chandra Gain, (3) Dr. Debproshad Dawn (4) Professor Dr. Ratan Chandra Gosh, (5) Mr. Bipul Chandra Debnath, (6) Mr. Debadas Halder, (7) Dr. Kalidas Bhakta, (8) Mr. Bivuti Bhushan Sikder, (9) Mr. Mithun Kumar Shaha, (10) Mr. Uchinglayan.

Assistant House Tutor

(1) Dr. Nepal Chandra Roy, (2) Dr. Santus Kumar Deb, (3) Dr. Promatha Mistry, (4) Dr. Asim Das, (5) Mr. Sumon Kumar Baidya and (6) Mr. Gopal Chandra Trivedi, (7) Dr. Shankar Chandra Mandal

Principal Administrative Officer

(1) Mr. Sanjit Kumar Datta

Assistant Librarian

(1) Mr. Bimal Chandra Sarker

Number of class III and class IV employees were 89

Number of Students

Resident	1010
Doublers/Permitted	403
Non-resident	889
Total	2302

Activities

Academic

The academic achievements of the students of Jagannath Hall are praiseworthy. In last academic year a total of **116 (One hundred and sixty)** students obtained First Class in final examinations of different subjects. Some of them obtained first position in first class. Several of them acquired gold medals for their outstanding results.

Annual Sports Competition

In the said academic year the Annual Sports Competition of Jagannath Hall was arranged on 18th February, 2020 in University sports ground. The students and athletes of the Hall widely participated in different events with great enthusiasm and fervor.

Inter Hall Sports

In this year, Inter Hall Sports was not held due to Pandemic Covid-19.

Play Ground and Indoor Games Room

In the Hall, there is a big play ground where students regularly take part in Football, Cricket and Volleyball to keep fit. Students who are interested in gymnastics they can also enjoy it in the available few gymnastic facilities in one corner of the ground. In winter, students enjoy Badminton in front lawn of the residential buildings. The indoor games room of the Hall is equipped with 2 T.T. tables, 2 Carom Boards and 2 Chess Boards and other sports accessories. The students regularly practice there.

Hall Library, Reading Room and others

With the objective of apprising the students with national and international news and provide entertainment, and for the growth of their merits, different national dailies, weeklies, monthlies and three-quarterlies were supplied in the Hall's pleasing Shaheed Swapan Chowdhury Reading Room. Under care of an Athletic Bearer these newspapers were collected and preserved. A huge reference and text books and many rare books are preserved in the Hall library. The Hall library is being run by an Assistant Librarian. Like the previous academic years, in this academic year too an adequate number of books were bought for the students with the grants of the University. Besides, the Reading Room always remains open from 8.00 A.M in the morning to 2.00 AM late night with the provision of

emergency lighting system for the benefit of the students. The works of establishing a sophisticated E-Library named after Shaheed Dhirendranath Datta and a conference room named after Professor Dr. Naresh Chandra Sengupta, has been started and a sophisticated computer lab named after Ishwarchandra Bidyasagar has been established. The construction works of 9th and 10th floor of Santoshchandra Bhattacharja Bhaban has been completed. The shifting of students to that floor is remaining under process. Construction of Rabindra Bhaban a 10-storied building with 15-storied foundation named after Rabindranath Tagore is started.

Dhaka University Mourning Day

On the night of 15 October 1985, a tragic and heartbreaking accident occurred at Jagannath Hall when the roof of erstwhile Assembly Building collapsed. Forty students, staff and guests lost their valuable lives and a few hundreds were seriously injured in that accident. The University authorities observe this date every year as the Dhaka University Mourning Day. The day was observed this year with due solemnity. Due to Covid-19 following health protocol and wearing face mask the events for observing this day in the said year was Mourning Processions from the foot of Aparajeya Bangla to October Smriti Bhavan under guidance of Honorable Vice Chancellor, hoisting black flag in the Hall, keeping University flag half mast, wearing black badge, arrangement of prayers as per faith of Hindus, Buddhists and Christians, keeping the October Smriti Museum open equipped with the paintings on victim students and their belongings, voluntary blood donations, memorial meetings at TV room of October Smriti Bhavan and presentation of elegy. Besides, a memorial souvenir was also published on the event. A painting competition for children and essay writing competition were arranged on the eve of the occasion.

Observance of National Days

Following health protocol and wearing face masks with due solemnity and respect national days like 14th December-Shahid Intellectuals' Day, 16th December-Victory Day, 21st February, Shahid Day-International Mother Language Day and 26th March- Independence Day were observed this year. On these days floral wreaths were placed at Shahid Intellectual's Smriti Soudha and National Smriti Soudha at Central Shahid Minar and at Hall's Shahid graveyard. On the birthday of the Father of the Nation

Bangabandhu Sheikh Mujibur Rahman (17 March) and on the National Mourning day (15 August) floral wreaths were given to Bangabandhu sculpture in hall premises due to Covid-19 pandemic and special prayers were held at the Hall Mandir (Upasanalaya) with the participation of students-officers-employees and student leaders of the University.

Saraswati Puja, Durga Puja and other programmes

Due to Covid-19 pandemic, following health protocol only the central puja commenced on. Wearing mask and following physical distance students of Jagannath Hall who were in Dhaka offered their prayers. Annual souvenir "Shukla" was published on this event. On the second day of the programme, hall authority organized a grand cultural programme in the evening with the supervision and management of administration. The students and invitee singers of national level enthralled the cultural programme with their songs. The Holy Durga Puja and Kali Puja are two very important religious programmes of the Hall. Following health and hygiene people from all walks of life of Dhaka city along with students, teachers, employees of D.U. and their family members attended these puja festivals arranged at the Hall premises. Highly placed Government Officials also visited puja mandaps and shared the joy and fervor of the festivals. On the eve of the Holy Durga Puja a souvenir "Sharad" was also published. Shubha Buddhapurnima and 25th December Christmas Day were also observed.

Hall Mess, Cafeteria and Canteen

With the supervision of Hall administration and under the management of the students themselves, two Amish (non-veg) (Rosna Bilash and Tripti) and a vegetarian mess work for the betterment and demand of the students of Jagannath Hall. Besides, providing their preferred foods and tiffin's to the students, two more cafeterias and one canteen function in the hall. Due to Covid-19 pandemic all mess and cafeteria were closed.

Other organizations

Other than student organizations, there are a number of socio-cultural and charitable organizations functioning in the hall. These are: the Vibekananda Shikkha and Sanskriti Parishad, Shree Chaitayna Shikkha and Sanskriti Sangha, Loknath Seba Sangha, Shree Shree Pronobananda

Shikkha and Sanskriti Parishad, Sree Sree Harichand Thakur Shikkha and Sanskriti Parishad, Sathsangha D.U. Christian Student's Association and D.U. Buddhist Student's Association and Akhandamandali, D.U. Besides, 'Bitarka'-a Debating organization and 'Badhan'-a charity blood donation organization were not active due to Covid-19 pandemic.

Fazlul Huq Muslim Hall (1940)

Provost

Professor Dr. Shah Md. Masum

House Tutor

(1) Professor Dr. Md. Oliur Rahman; (2) Professor Dr. Md. Mominul Islam ; (3) Professor Dr. Mohammad Shamsur Rahman; (4) Dr. Muhammad Abdul Kadir; (5) Dr. Alamgir Kabir; (6) Mr. Md. Kamrul Hasan; (7) Dr. Md. Tanvir Ahmed Chowdhury.

Assistant House Tutor

(01) Dr.Md. Habibullah-Al-Mamun; (02) Dr. Mohammed Shafiul Alam Khan; (03) Dr. Sheikh Zohir Raihan; (4) Mr. Md. Mahabub Alam; (5) Dr. Asib Ahmed; (6) Eng. Mohammad Monjur Hossain Khan; (7) Dr. A.S.M. Monjur-Al-Hosen.

Senior Administrative Officer

(1) Mr. Sheikh Salim; (2) Mr. Md. Nasimul Ghani Bhuiyan ; (3) Mr. Md. Matiar Rahman Khan.

Administrative Officer

Mr. Mohammad Kamal Hossain Khandaker

Junior Librarian

Mr. Muhammad Atiqur Rahman

Administrative Officer

Mr. Sultan Ahmed

Imam

Mr. Aminul Haque

Staffs: There are 10 3rd Class, 43 4th Class and 01 Part-time employees working in this hall.

Number of Students

Resident	875
Non-Resident	1200
Total	2075

Activities

In the academic session 2020-21, the following activities have been conducted under the overall supervision of the Hall Provost with the help of House Tutors/Assistant House Tutors and the Hall Union.

National Programmes

- 'Dhaka University Day 2020 was observed on 01 July, 2020 with great enthusiasm.
- 'National Mourning Day' was observed on 15 August, 2020. Milad and Doa Mahfil was organized in the Hall mosque after Asar prayer.
- On the occasion of the 101th birth day of the Father of the Nation, Bangabandhu Sheikh Mujibur Rahman and National Children's Day, Doa and Milad Mahfil was arranged in the Hall mosque after Asar Prayer on 17 March, 2021.
- On the occasion of 'International Mother Language Day & Shahid Dibas', floral wreaths were offered on the Central Shahid Minar to pay homage to the language martyrs on 21st February, 2021.

Development Works

Following development works were accomplished during the Academic year 2020-2021:

- The students of Fazlul Huq Muslim Hall played vital role in different movements for the rights of the Bengali Nation, starting from the

Mother Language Movement in 1952 to the liberation war in 1971, that led to the independence of Bangladesh. To perpetuate the spirit of that victory, an aesthetic installation named “Bijoy Batayan 52 to 71” has been built in the hall campus. Honorable vice chancellor of the university Professor Dr. Md. Akhtaruzzaman inaugurated the “Bijoy Batayan 52 to 71” on 16 December 2020.

- b) Various species of flowers and cuttings (fences) have been planted on the open place, from west side of the hall office to Bijoy Batayan. It is now one of the beautiful place and main attraction of the hall campus.
- c) Drains of the Hall Union Bhaban, Kormochari Bhaban, and Main Building have been renovated.
- d) Necessary renovation works with paintings have been performed on the kitchen room, store room and walls of Sristi Dining’.

Examination Results

In the BS/B.Pharm (Honours) examination (out of 142 examinees), the grades obtained by the students are: 18 students A, 33 students A-, 28 students B+, 34 students B, 24 students B-, 2 students C+. In the MS/M. Pharm examination, out of 52 examinees, 01 student achieved grade A+, 13 A, 14 A-, 9 B+, 8 B and 5 B-.

Scholarship /Stipend, financial grants and others (2019-2020)

Various merit scholarships have been awarded to the students of this hall during the session. The types and number of scholarships awarded are given below.

130 Board scholarships, 13 University pre-post stipend, 01 Hall stipend, 1 Sena Kallyan scholarship, 01 Mitsubishi UFG Foundation stipend, 2 Abdul Hoque Munshi Gulnagar Begum Memorial Stipend, 01 Moulana Ahmmad Ullah Memorial stipend and 01 Professor Emeritus Mofizuddin Ahmed-Begum Sufia Ahmed Schoolarship.

Hall Garden

Different kinds of seasonal flowering plants have been planted in the garden to create a beautiful landscape and healthy living environment. Blooming roses at the hall garden make the environment beautiful and very attractive.

Cleaning and Noxious insect management programme

Routine insecticide spraying activities were carried out in the hall campus for controlling mosquitoes and to reduce the risk of mosquito borne diseases.

Shahid Sergeant Zahurul Haque Hall (1957)

Provost

Professor Dr. Delwar Hossain

House Tutor

(1) Dr. Muhammad Jahidul Islam; (2) Dr. Md. Roknuzzaman; (3) Mr. Md. Anamul Haque; (4) Mr. Mohammad Ashraf Sadek; (5) Dr. Mohammad Humayun Kabir; (6) Mr. Md. Rafat Alam Mishu; (7) Dr. Mohammad Shahin Mia; (8) Dr. Md. Shariful Alam Khandakar; (9) Dr. Rafiqul Islam.

Assistant House Tutor

(1) Mr. Kazi Md. Jamshed; (2) Mr. Musabber Ali Chisty; (3) Dr. Md. Mesbah Uddin; (4) Mr. Md. Anwarul Azim.

Officer

(1) Hafez Md. Amin, Senior Imam Khatib; (2) Mr. Md. Azizur Rahman, Administrative officer; (3) Mr. Md. Saiful Islam, Administrative officer; (4) Mr. Mohammad Zulfiker Ali, Administrative officer.

Number of Employees (Class III and Class IV)

Total number of employees is given below:

Class	No. of Employees
III	15
IV	49
Total	64

Hall Union

Elections related to the 'Dhaka University Central Students' Union and Hall Union have not been held during the current academic session.

Number of Students

The Total number of students and their status in the session 2019-2020 is given below:

Status of Students	No.
Resident	725
Doublers/Permitted	600
Attached	1055
Total	2380

N.B. During the academic session 2019-2020, a total of 96 (ninety six) students of the Institute of Leather Engineering and Technology have been given attachment to Shahid Sergeant Zahurul Huq Hall. These students are dwelling at Dr. Quadrat-e-Khuda Bhaban in Hazaribagh Campus (44-50) of the Institute.

Scholarship

Meritorious and poor students of the session 2018-2019 have been awarded with stipend for one year (Order dated 06.09.2020). 59 postgraduate students of the 2017-2018 session have been awarded with scholarship on the basis of their results of honors examination held in 2016. 108 students (in 2018-2019 session) received Education Board stipend. Moreover, 34 students (in 2018-2019) received pregraduate and other stipends. A scheme is under process to provide scholarship to the poor and meritorious students of 4th year and Masters students from Rudubannesa Fund. This year, the Hall administration awarded a total of 35 (Thirty Five) students with different scholarships namely the Provost Scholarship, Anowara-Ramjan Hossain Scholarship, Ruduba Nesa Scholarship, Ashiea Khatun Scholarship, Professor Asharaf Uddin Scholarship and Sheikh Razzak Ali Srity Scholarship.

Academic Result of the Students

Academic results of the students of Honours and master degrees of this hall are always satisfactory.

Hall Library and Reading Rooms

The library of Shahid Sergeant Zahurul Huq Hall is very rich and it has a good number of books, journals and other related reading materials for the students of different disciplines. Students are entitled to read as well as borrow books from the library. Moreover, three very well furnished reading rooms are situated at the main building, extension building and tin shed bhaban to facilitate curricular and extra-curricular activities. Various daily newspapers, magazines and journals are kept in the reading room. In this fiscal year, the Library was renovated.

Cyber Center

Shahid Sergeant Zahurul Huq Hall authority has established a cyber center with wifi facilities. In current fiscal year, 05 new computers and 01 printer have been purchased. Through wifi technology internet connectivity has been ensured in three buildings. The center was renovated in this fiscal year.

Hall Auditorium and TV Rooms

The Hall has a spacious auditorium with a color T.V. and satellite channels for the recreation of the students. All the cultural events are arranged in this auditorium. Moreover, both the extension building and tin-shed bhaban have separate TV rooms for the resident students.

CC Camera

Adquate CC cameras have been installed for maintaining overall safety and security of the hall.

National and other Programmes

In the 2019-2020 sessions, different national, international and university days including 14th December 2020 as the Martyred Intellectual Day, 16th December 2020 as Victory Day, and 21st February 2021 as International Mother Language Day were observed properly. Besides these, National and University Days were observed properly.

Religious Programs

Doa Mahfils and discussions were arranged on the occasion of Eid-e-Miladun Nabi (SW), Shab-e-Barat and Shab-e-Kadar. In Holy Ramadan an Ifter party was organized in the hall mosque. Eid-ul-Fitar and Eid-ul-Azha have also been observed with grand feast for the students.

Shahid Sergeant Zahurul Haque Day

The 52th death anniversary of Shahid Sergeant Zahurul Huq was observed on 15th February 2021. Students, teachers, officers and staffs have paid their homage by laying flowers and praying for the peace of the departed soul under the guidance of the hall Provost.

Development Work

The following development works have been completed during the financial year 2019-2020:

1. The 1st floor of main building of the hall was renovated.
2. With full support from the Dhaka Zilla Parishad two major projects had been completed. There are installation of tiles at 1st floor Hall Mosque and its extension and its setting up of a cycle stand.

Annual Sports and Indoor Games and Cultural Competitions

With the slogan "Credit is in participation, not in victory", the Annual Sports Competition, 2020 of the hall was held on 2nd February in the Central Play Ground of University of Dhaka.

The volleyball team of the hall achieved the credit of winning the championships of Inter-hall Volleyball Competition in four consecutive years of 2012, 2013, 2014 & 2015. The hall became champion in both singles and doubles of Inter-hall Table Tennis Competition, 2017 and 2018.

Badhan

Badhan, a voluntary blood collecting and donating organization of University of Dhaka, Shahid Sergeant Zahurul Huq Hall unit, organized a blood donating program during International Mother Language Day. This year Badhan collected 76 bags of blood through such programs. The hall unit of Badhan offered the service of free check-up of blood group to a total of 600 persons.

Dining Hall

"Luminous", a dining mess is run by 10-member committee of the students in the main building under the supervision of two House Tutors. Total members of this dining hall are 630 and two feasts are arranged every month. In the tin-shed and extension buildings, food services are offered through cafeteria system. Besides, a central canteen is functioning under the supervision of the Hall authority.

Debating Club

There is an active debating club known as "House of Debators" beside the hall library. Shahid Sergeant Zahurul Huq Hall takes part in the National Television Debate Competition regularly. Recently "House of Debators" took part in the 20th National Television Debate Championship and became champion. The debating club arranged the NCC Bank 4th Inter-club Debate Competition. Other than this, this club also arranged the inter-hall and inter-department debate competition along with annual debating workshop. The club is engaged in humanitarian activities like collection and distribution of winter clothing for the poor. With the assistance from the hall administration, "House of Debators" visited the Liberation War Museum.

Clean Hall Activity

The Hall authority and students work regularly to clean the Hall compound. Weekly program is duly organized at the Hall in this regard. Everybody participates spontaneously in cleaning activity.

Others

With the initiative of hall students and assistance from hall administration, the educational activities for canteen boys are running well. The student forum IEEE regularly performs the tree plantation and cleanliness activities. A documentary on the contribution of Shahid Sergeant Zahurul Huq Hall in liberation war and establishment a mini-memorial are under process. Shahid Sergeant Zahurul Huq Hall will continue its efforts in future to build a pro liberation-war- nation and to develop human resource, specialized in culture, literature, sports and talents to tackle the challenges of 21st century.

Ruqayyah Hall (1956/1963)

Provost

Professor Dr. Zeenat Huda

Part-Time House Tutor

(1) Farhana Ferdousi; (2) Nomita Mandal; (3) Sharmin Bhuiyan; (4) Dr. Rumana Islam; (5) Samshad Naurin; (6) Tahmina Hoque; (7) Dr. Lopamudra Malek; (8) Karabi Kabir; (9) Dr. Dilara Zahid; (10) Umme MustariTithi; (11) Bipasha Barua; (12) Samia Afrin Shetu; (13) Nazma; (14) Mahmuda Akter Poly; (15) Roaksana Firdaus Nigar; (16) Nashia Zaman; (17) Mehnaj Afrin; (18) Eashrat Jahan Eyemoon; (19) Miss. Farhana Tasnim Chowdhury; (20) Azrin Afrin; (21) Dr. Sumera Ahsan; (22) Shohana Nowrin; (23) Dr. Sumaya Farhana Kabir.

Assistant House Tutor

Rahima Akhter

Psychologists (Part-Time)

(1) Mrs. TamimaTanjin; (2) Mrs. Jobeda Khatun.

Principal Administrative Officer

Miss. Salma Akhter

Senior Administrative Officer

(1) Mrs. Salina Akter (Doly); (2) Md. Moniruzzaman; (3) Mohammad Obaidur Rahman Sarker.

Assistant Librarian

Mrs. Kohinur Begum

Employees

The number of Class III and Class IV employees is mentioned in the table below:

Third Class	19
Fourth Class	56
Total	75

Student Parliament

DUCSU and Hall parliamentary elections have not been held in the current academic year.

Number of Students

Residential	2276
Non Residential	3224
Total	5500

Scholarship

The students of Rokeya Hall have received the following scholarships and stipends in the discussed session:

Serial No.	Scholarship	Monthly Rate	Number of students having scholarship	
1	Hall Stipends	Postgraduate Level	300/-	15
		Undergraduate Level	200/-	29
2	Scholarship for visually impaired	Postgraduate Level	1500/-	02
		Undergraduate Level	1200/-	12
3	Scholarship for Physically Disabled (Undergraduate Level)	1200/-	01	
4	Ranger Scholarship	300/-	10	
5	Poor Fund	Provided in different rates according to approval (Total 14000/-)	06	

		10000/- provided for treatment purpose in a special consideration	01
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Rokeya Memorial Gold Medal and Foundation Scholarship

Every year Rokeya Day is celebrated on December 9th on the Hall premise. On this day, the students receive Rokeya Memorial Gold Medal and Foundation Scholarship in different categories for excellent results and co-curricular activities. It was not possible to organize this event as the Hall was closed due to Covid-19 Pandemic in the current academic year.

In an effort to compile the history, historical contributions and activities of Ruqayyah Hall from its inception till 2020, the book Ruqayyah *Hal r Gourabgatha* was published with the initiative of Hall Provost Dr. Zeenat Huda. The publication of this book is considered as paying homage to Rokeya Sakhawat, the first feminist writer of Indian Sub-Continental believer in gender parity and social reformer. This book will be helpful for the next generation, writers, researchers who are interested in learning about Ruqayyah Hall in future.

Religious Ceremonies

In this Hall, various religious ceremonies are observed every year with due respect and solemnity. The Saraswati Puja is celebrated with huge enthusiasm among the students. Besides, *Milad* and *Dua* ceremonies are equally observed on the occasion of holy Eid-e-Miladunnabi, Shab-e-Barat. Eid-ul-Fitr and Eid-ul-Azha are celebrated in this Hall every year. Since this year the Hall was closed due to Corona pandemic it was not possible to organize such events .

Celebrating Various Events Including National Day

Every year, Ruqayyah Hall celebrates various national days with due respect, Because of the closure of the university and the Hall due to Covid-19 pandemic, several events are organized on a limited scale.

- Dr. Zeenat Huda, Provost of Ruqayyah Hall, planted trees on the premises of Ruqayyah Hall on July 1, 2020 to commemorate the 100th birth anniversary of Dhaka University with the motto of '*Plant three trees in Mujib's year*'.
- On 19th July 2020, *Mujibvarsha Tree Planting Program* was celebrated at Ruqayyah Hall. The event was attended by Provost Dr. Zeenat Huda, former MP and former General Secretary of Ruqayyah Hall Union, Nazma Akhter, a good number of student leaders of the university, house tutors, officers and staffs of the Hall.
- On the occasion of Martyred Intellectuals' Day on 14 December 2020, the Hall Provost Dr. Zeenat Huda offered wreaths at 'Memory Eternal' in front of the residence of the Vice-Chancellor instead of Mirpur Intellectuals Cemetery, due to Corona Pandemic.
- To celebrate Ruqayyah Day on 9 December 2020, Hon'ble Vice Chancellor Professor Dr. Akhtaruzzaman laid a wreath at the sculpture of Ruqayyah Sakhawat at the premises of the Ruqayyah Hall. Hall Provost Professor. Dr. Zeenat Huda, house tutors, officers and staff were present on the occasion. The contribution of Rokeya Sakhawat Hossain was particularly remembered by the Vice-Chancellor and the Hall Provost in their speeches.
- A commemorative Name Stand was erected by the initiative of the Hall Provost in memory of the Ruqayyah Hall Martyred Staffs who were killed on March 25, 1971. This memorial plaque was inaugurated on 01 March 2020 in the presence of the Vice-Chancellor.
- On the occasion of Martyrdom Anniversary of the Father of the Nation Bangabandhu Sheikh Mujibur Rahman and National Mourning Day 15 August 2020, Hall Provost, house tutors, officers and staffs paid homage to the sculpture of Sheikh Mujibur Rahman located in the building of 7 March, Ruqayyah Hall.
- On 15 October 2020, the house tutors, officers and staffs of the Hall laid wreaths at the Memorial in October Building at Jagannath Hall in the memory of the students who were died in the accident. Moreover, no special arrangements were made for the celebration of Victory Day on 16th December, Martyrs' Day and International Mother Language Day on 21st February etc. as the Hall was closed due to pandemic.

Debate

As part of its regular activities, the Ruqayyah Debating Association organizes weekly debating sessions, reading sessions, and various in-house workshops. Ruqayyah Hall also arranges an annual debate competition every year. But this year, due to pandemic Covid-19, the Hall was kept closed. So, it was not possible to arrange any kind of debate workshop practice activities or the annual debate competition at Ruqayyah Hall.

Annual sports

Every year Ruqayyah Hall organizes sports competitions and participates in the annual sports competition with immense enthusiasm. These sports competitions are held once a year at the beginning of the year. But this year the Ruqayyah Hall could not arrange the annual sports competition due to pandemic conditions.

Guest Room

The existing guest room at the entrance to the Hall has been redesigned. Books written on Rokeya Sakhawat, the pioneer of women's right activists, voice of women awakening, believer, in gender parity, are kept in the guest room and her inspiring quotation regarding women's empowerment have been hung on the wall. Pictures of sports competitions, cultural competitions, workshops, and different programs are also presented there. The seating area has also been given a new look. The bathroom adjoining the guest room has also been renovated.

Reading Room, Dining Room, Common Room, Dance Room and Music Room

Due to shut down of Hall room for prolonged period under Corona Pandemic condition the Hall has been renovated to improve the condition of reading room, dining, common room, dance and music rooms.

The dusty reading room and common room have been given a new look. The dance and the music room have been radically renovated. The dilapidated walls have been repaired and painted beautifully. The students have expressed their happiness by observing such renovation works and new look of the aforementioned rooms.

Memorial plaques

There are several memorial plaques on DU campus in memory of martyrs who were closely associated with the university. One was missing at the premises of Ruqayyah Hall, the largest and oldest female dormitory of the university which played a vital role in encouraging female participation in the Liberation Movement and nation-building process. On the bright Monday morning of March 1, 2021, a memorial plaque at the Hall premises was inaugurated by Vice-Chancellor Professor Dr. Md. Aktaruzzaman. That inauguration program was the end of long desire and fulfillment of dream and expectation of the family members of the martyred staffs. A note of appreciation must go to Provost Professor Dr. Zeenat Huda, for taking a such initiative and arrangement with the Hall's internal resources for the construction of the plaque to commemorate the martyrs. Although it took half a century to have a proper plaque for the martyrs of the Ruqayyah Hall genocide, the Provost got it very right – it is never too late to do the right thing! On that occasion Professor Dr. Md. Nizamul Hoque Buiyan, General Secretary of the Dhaka University Teachers Association, Professor Dr. Zeenat Huda, Provost, Ruqayyah Hall, all house tutors of Ruqayyah Hall and members of the martyrs' families were present.

Badhon

Warning posters and leaflets about the corona virus have been distributed inside the Hall. Financial assistance has been provided to the financially challenged students of the unit. The amount of blood collected from June, 2020 to date is approximately 150 bags. A total of 13 meetings were held in the unit (out of which 12 meetings were held online). Donors have been listed in Excel seats online. Approximately 100 people got to know about their blood groups at free of cost.

Ranger

Based on the follow up activities of YESS exchange program workshop held through online portal Zoom on. Experience sharing workshop held on YESS girl movement. There was also participation on the international mother language day program, World thinking day program. Two participated in gender equality and WAGGGS (The World Association of Girl Guides and Girl Scouts) leadership mindset. National youth adventure program held from 5th-23rd April.

Hall Library and Reading Room

There is a huge Hall library on the 3rd floor of the administrative building of the 7 March Bhaban of Ruqayyah Hall for assisting students in acquiring knowledge. In order to facilitate students' learning, there are 14 reading rooms in different buildings of the Hall. Although it is a Hall library, it is enriched enough to help the students in their academic studies. Every year new books are purchased in the Hall library on the basis of students demand. The Hall library remains open from 9.00 am to 5 pm for the students. The students can read in the library as well as they can issue their required books from the Hall library, if needed. Besides, for the purpose of intellectual development along with academic learning there is a facility of reading national dailies in the reading room no. 1 adjacent to Oporajita Bhaban. The respective house tutors and the Hall librarian are always aware of their responsibilities in proper management of the Hall library.

Publications

In the last 2020-2021 session, the following publications are mentionable in the Ruqayyah Hall:

Books

রোকেয়া হলের গৌরব গাঁথাঃ আমার কর্ম, আমার হল, গর্ভ মোদের রোকেয়া হল; ড. জিনাত হুদা; রোকেয়া হল, ঢাকা বিশ্ববিদ্যালয়; ডিসেম্বর ২০২০।

Commemorative Issue

মুজিববর্ষে রোকেয়া হল-২০২০; ড. জিনাত হুদা; রোকেয়া হল, ঢাকা বিশ্ববিদ্যালয়; ফেব্রুয়ারি ২০২০।

Hall Dining and Canteen Facility

For the convenience of the students, three privately owned dining and canteens are functioning inside the Hall. Hall canteen offers breakfast in the morning and snacks in the evening, and the dining serves lunch and supper. A particular committee has been assigned to ensure hygiene and supply of good quality food. The responsible house tutors of the committee regularly monitor the quality and price of the food. In addition, they always remain aware of maintaining the good atmosphere and hygiene of the dining and canteens.

Hall auditorium and TV room

There is a spacious auditorium for the students on the ground floor of service block of Shapla Bhaban and 7 March Bhaban of Ruqayyah Hall. The Hall administration arrange various social, cultural, and national programs in the auditorium. In addition, on the third floor of the service block of the 7 March Bhaban and on the ground floor of Shapla Bhaban, there are two TV rooms where the students enjoy educational and recreational programs.

Overall Security Management

The Hall administration has always been conscious of overall security of Ruqayyah Hall. To ensure the security of the Hall, there are 31 CCTV cameras inside the Hall premise. Among those 11 in 7 March Bhaban, 4 in Provost Bungalow, 8 in Hall gate/main gates and 8 in house tutor Bhaban. Moreover, the security guards in the main gate always perform their duties with utmost sincerity.

Hall Activities

1. The Hall has a lovely garden on its premises. There are various exotic species of flowers on this garden. This garden has amplified the beauty of the Hall and has produced an aesthetic environment for students. There are six gardeners to dedicatedly take care of the garden.
2. Cleanliness activities: In the presence of house tutors, students and employees, Hall administration conducts a cleaning operation in Hall grounds once a month. Mosquito repellent is regularly applied on the premises.
3. Women's Day – Every year, in the first hour of International Women's Day, students of Rokeya Hall participate in a candle lighting ceremony arranged by "We Can", under the supervision of house tutors. Students also participate in a ceremony organized by Ministry for Women and Child at Bangabandhu Conference Center.
4. Laundry, Departmental Store, and Photocopy: For the convenience of students, there is a departmental store, laundry, and a photocopy machine inside the Hall. These stores serve students every day from 9 A.M to 10 P.M.
5. Special facilities for the Students of Rokeya Hall: In the Hall, there is a reading room, a library and a cyber center. There is a 'Prayer Room' to say prayers. There are Music and Dance room for the students of the

Music, Dance and relevant departments. There is a four-bed sick room in the Hall for sick students. Besides, the Hall has :

- a) two water filters for supply of drinkable water.
- b) A Game zone for indoor games.
- c) An auditorium for arts enthusiastic students.
- d) A guest room for foreign students/guests
- e) For mental wellbeing of students there are counseling facilities with psychologists.
- f) To maintain student's good health there is a state-of-the-art Gym in Rokeya Hall.

Surja Sen Hall (1966)

Provost

Professor Mohammad Moqbul Hossain Bhuiyan
Department of Management Information Systems, D.U.

House Tutor

(1) Mr. Md. Ahamad Ullah, Assistant Professor, Department of Philosophy, D.U; (2) Mr. Shahid Kazi, Assistant Professor, Department of Drawing and Painting, D.U; (3) Dr. Amir Hossain, Assistant Professor, Department of Islamic Studies, D.U; (4) Mr. Mohammad Samsul Karim, Lecturer, Department of Arabic, Institute of Modern Language, D.U; (5) Mr. Md. Mohammad Mobarak Hossain, Assistant Professor, Department of International Business, D.U; (6) Dr. Mohammad Saifuddin Khan, Associate Professor, Department of Finance, D.U.

Asstt. House Tutor

(1) Mr. A. B. M. Ahasan Raqib, Lecturer, Institute of I.E.R, D.U; (2) Mr. Mahamudul Hasan, Lecturer, Department of Oceano Grapy, D.U; (3) Mr. Md. Tuhinur Rahman, Lecturer, Department of M.I.S, D.U; (4) Dr. Md. Azharul Islam, Assistant Professor, Department of Educational and Counseling, D.U; (5) Mr. Saiful Islam, Assistant Professor, Department of International Business, D.U; (6) Dr. Md. Sahriar Haidar, Associate

Professor, Institute of I.E.R, D.U; (7) Dr. Md. Mehedi Hasan, Lecturer, Department of Robotics and Mechatronics Engineering D.U.

Officer

(1) Mr.Md. Abdul Motaleb, Principal Administrative officer; (2) Mr. Md. Abul Khair Tapadar, Senior Administrative officer; (3) Mr. A.K.M. Rafiqul Bari, Senior Administrative officer; (4) Mr. Mohammad Iran Hossain, Senior Administrative officer; (5) Mr. Mohammad Habibur Rahman, Administrative officer; (6) Mr. Kazi Mehedi Hasan, Administrative officer.

Number of employees

1.	Class III (Non Technical) ----	08
2.	Class III (Technical) -----	06
3.	Class IV (Non Technical) ---	37
4.	Class IV (Technical) -----	<u>03</u>
	Total employees -----	54

Number of students

Information of students for the session of 2020-21 is given below :-

Resident students-----	543
Doubler students-----	543
Non-Resident students-----	<u>1675</u>
Total students =	2761

Result of Examinations

The students of Surja Sen Hall have shown their academic excellence in both 4th year & Masters Final Examinations of different departments/Institutes. The number of students who obtained 1st Class / 'A' grade are as follows:-

1. 4th year Final - 57
2. Masters Final -94

Scholarship and Sub- Scholarship

The Students of Surjasen Hall have enjoyed the following Scholarship and Sub-Scholarship during the session of 2020-21: -

Sl.No	Name of Scholarship	Monthly Rate:	Number of Scholarship holders
1.	Talentpool Scholarship of different Boards.	825/-	18 stds.
2.	General Scholarship of different Boards.	375/- & 350/-	72 ,,
3.	Govt. General Scholarship for Masters students.	1125/-,500/-,450	57 ,,
4.	B.N.C.C Scholarship	300/-	07 ,,
5.	Army Trust Fund Scholarship	6000/-(One time)	04 ,,
6.	University Sub-Stipend (Honours).	1200/-	11 ,,
7.	University Sub-Stipend for Physically Disabled Students	1200/-	05 ,,
8.	University Sub-Stipend for blind Student's	1500/-	07 ,,
9.	Dr. Jalal Alomgir Memorial Scholarship	20,000/- (one time)	01 ,,
10.	Life Good (L G) disabled Students Trust Fund Scholarship	12,000/-(one time)	01 ,,
11.	Syed Ahmed Memorial Scholarship	12000/-(one time)	01 ,,
12.	A R Howladar Memorial Scholarship	300/-	01 ,,
13.	Begum Safora Hossain Trust Fund Scholarship	9750/- (one time)	01 ,,
14.	Mirza Mohammad Abdullah & Begum Bodrunnesa Memorial Scholarship	12,000/-(one time)	01 ,,

15.	Previous Honours Scholarship	320/-	10 ,,
16.	Mohammad Shahjahan & Saera Shahjahan Trust Scholarship	15,000/-(one time)	01 ,,
17.	Rover scout scholarship	300/-	01 ,,
18.	M Phil Scholarship	4000/-	01 ,,

Hall Reading Room & Library

For the expansion of knowledge of the students, 14 (Fourteen) daily national newspapers, 3 (Three) weekly newspapers, 2 (Two) journals and 2 (Two) monthly newspapers are provided in the Reading Room. In the current session (2020-21)

The library is open from 9 a.m. to 5 p. m. Students can borrow necessary books from the library. There is arrangement for them to read books inside the library. The House Tutor in charge supervises the function of the library.

Haji Muhammad Mohsin Hall (1967)**Provost**

Professor Dr. Masudur Rahaman

House Tutor

(1) Mr. A K M Iftekharul Islam; (2) Mr. Muhammad Abdul Jabbar; (3) Mr. Rad Mujib Lalon; (4) Mr. Md. Jasim Uddain; (5) Mr. Muhammad Aynul Islam; (6) Mr. Md. Ashikuzzaman Khan Kiron.

Assistant House Tutor

(1) Mr. Muhammad Emual Haque Sarkar; (2) Mr. Ashraf Harun; (3) Mr. Ekrmul Huda; (4) Dr. Muhammad Ansarul Alam; (5) Mr. Shafiuul Islam; (6) Mr. Asaduzzaman.

Officer

(1) Mr. Porimal Chandra Das; (2) Mr. Uttom Kumar Dey; (3) Mr. Md Rafiqul Islam; (4) Mr. Md Zakir Hossain; (5) Mr. Md Sohail Ahmed; (6) Mr. Md Mahabubur Rahaman.

Imam Khatib

Mr. Md Sakhawat Hossain

Technical Officer

Mr. Md Awlad Hossain

Staff

Third Class 11& Two in L.P.R

Fourth Class 49& 0 in L.P.R

Number of Student

Nonresident	539
Resident	727
Doubles	1324
Total	2590

Administrative Activities

The Hall is very conscious about every requirement for both resident and non-resident student. Various activities are arranged by provost, house tutors, assistant house tutors, officers and stuffs. To do every activity properly. The administration has been decentralized. For ensuring the food quality, a mess system has been organized under the direct supervision of house tutors. This system became very popular now a days. In addition to academic activities, various extra-curricular activities are arranged under the direct supervision of provost, house tutors, assistant house tutors. Debate competition, inter hall competition blood donation activity and so many activities are arranged by the administration on every year. National days like International Mother Language Day, National Mourning fay, Bangla New year, independent day, victory day, Eid-e-Milad-un-Nabi, Shab-E Barat etc. program is celebrated with dignity every year.

Hall Union

Hall Union election was held in the 2018-2019 session. The hall administration conducted it with the hall union.

Hall Reading Room & Library

In the library there are daily newspapers, weeklies, sports magazine, literature & periodical. By these books and newspapers, students can know about recent news about the world. There are necessary books for the student in hall library & reading room. New important books are added every year in the library. The students of hall use regularly the library and reading room.

Annual sports

Last annual sports was organized in 18/01/2019. Due to COVID-19, this was the last sports day.

Entertainment

There are two TV rooms of which one is reserved for BTV program and the other for pay channels.

Garden

Haji Muhammad Mohsin Hall has a magnificent garden within hall campus with variety of floral views. The floral variety comes from home and abroad. The garden in one of the main attractions of the hall managed by its own gardeners.

Mosque

There is a hall mosque where congregational prayers take place five times a day. The Jumma prayer on Fridays and others Islamic religious functions are observed regularly.

Results of Examinations

Mohsin hall student always produce good results in the University examinations. During the last session (2019-2020) a significant number of students achieved good results in the Hons. & Masters examinations under grading system at the different department in the university.

Shamsun Nahar Hall (1971)

Provost

Professor Dr. Supriya Saha (Up to 13-06-2021)

Professor Dr. Lafifa Jamal (14-06-2021---)

Full-Time House Tutor

(1) Sayeda Momtaz Sheren (L.P.R)

Part-Time House Tutor

(1) Tumpa Samadder (Up to 31-12-2020); (2) Vadreshu Rita; (3) Mandira Chowdhury; (4) Dr. Farjana Ahmed (Shanta); (5) Shamsun Arefin; (6) Hafsa Akter; (7) Nafiza Ferdowsi; (8) Gowry Mondol; (9) Tahura Enam Navile; (10) Armin Anower; (11) Iffat Nur Esha; (12) Nifat Sultana; (13) Nusrat Tasnim; (14) Sonchari Protiva.

Assistant House Tutor

Masuma Choudhury

Principal Administrative Officer

Afzalun Nessa

Senior Administrative Officer

(1) Md. Alauddin; (2) Sharmin Farhana Nipa; (3) Feroza Sultana Runu.

Administrative Officer

Shamima Akter Dalia

Psychologist (Part-Time)

(1) Husnay Ara Begum; (2) Anika Humaira.

Employees

The number of Class III and Class IV employees are 11 and 50 respectively.

Number of Students

Resident 1248

Non-Resident 2577

Total Students 3825

Hall Library and Reading Room

The functions of Hall Library are administered by a Junior Librarian (Hall) and a Library Attendant under the supervision of library committee comprised of several houstutors. New books are purchased according to the demand of the students. A wide range of national daily newspapers, weekly, quarterly and monthly magazines are kept in the reading room for the students to be well informed about the latest happenings in the national and international arena for enhancing their knowledge base.

Badhan

In total Forty Four (44) bags of blood were collected. Among those new donors were nine(09). Due to Covid -19 Pandemic, most of the organizational programs were not held in due time.

* The death anniversary of National poet Kazi Nazrul Islam was observed on 27 August 2020, with due respect by placing wreaths in the tomb of the national poet.

* The Dhaka University Mourning Day was observed on 15 October, 2020. The Provost of the Hall and the house tutors remembered the victims of Jagannath Hall Tragedy with great solemnity.

*The Martyred Intellectuals Day on 14 December, 2020, the Victory Day on 16 December 2020, the International Mother Language Day on 21 February, 2021 were observed with great solemnity.

* The birth Centenary of the Father of the Nation, Bangabandhu Sheikh Mujibur Rahman was celebrated as Mujib 100 years & the National Children's day on 17 March 2021. Sweets were distributed after prayer. The provost, houstutors, officers and staffs were present in the Milad program on that day.

Corona Pandemic

Due to the Corona Virus outbreak Dhaka University was declared closed from 19th March, 2020. For this reason many events like Fatema Iqbal Trust Fund Scholarship, Shamsun Nahar Mahmud Foundation Gold Medal and Scholarship, Provost Scholarship, Annual sports competition, Bengali New Year, Sha-E-Barat, Eid-UI-Fitar and Eid-UI-Azha could not be celebrated.

Kabi Jasimuddin Hall (1976)**Provost**

Professor Dr. Muhammad Abdur Rashid

House Tutor

(1) Professor Dr. Md. Mahmudul Islam (till 03/05/2021); (2) Dr. Muhammad Zahirul Islam; (3) Md. Abu Taher ; (4) Md. Mukhlesur Rahman.

Assistant House Tutor

(1) Md. Rezaul Karim; (2) Dr. Muhammad Shoeb-ur-Rahman; (3) Mohammad Shoeb; (4) Dr. Md. Raihan Sarkar; (5) Mr. Mahedi Hasan.

Senior Administrative Officer

(1) Md. Aminul Islam; (2) Md. Robiul Hoque Bhuiyan; (3) Md. Shamsul Alam.

Administrative Officer

(1) Md. Abul Basar.

Imam

Usaid Ahmad

Technical Officer

(1) Md. Mojibur Rahman; (2) Md. Fazlul Karim.

Hall Staffs

In the said academic year 36 staffs were in service of whom 10 were third-class, 21 were fourth-class, 4 were part-time and 1 was in master-roll.

Number of Students

The Hall houses 1,332 students. Of them, 397 have residential status, 239 have doubler status and others are non resident.

Scholarship, Stipend and Provost Stipend

In this academic year, the University authority granted Hall stipend to 11 undergraduate and 5 graduate students.

Observance of National Days

- ❖ Jasimuddin Hall duly observed *Shaheed Buddhijibi Dibas* (14 December), Victory Day (16 December), International Mother Language Day (21 February) and Independence Day (26 March).
- ❖ On occasion of the 101st birth anniversary of Father of the nation Bangabandhu Sheikh Mujibur Rahman, a '*Mehfil-e-Milad*' was arranged after the Asr prayer at the Hall Mosque on 17 March 2021. The day was also observed as National Children day.

Observance of National Mourning Day

Kabi Jashimuddin Hall observed the national mourning day with great respect and due solemnity. Accordingly, the Hall authority arranged a '*Mehfil-e-Milad*' on 15 August 2020 after the Asr prayer at the Hall Mosque to observe the 45th death anniversary of the father of the nation.

Badhan

Members of Badhan, Kabi Jasimuddin Hall unit donated 1075 bags of blood to save the lives of the critical patients. To encourage the students of this Hall, the Hall unit organizes 'donor reception program' on regular basis.

Garden

With a view to beautify, various kinds of flower saplings have been planted in the garden. The full bloom garden soothes the mind of viewers. The garden takes on different looks in different seasons.

Sir A. F. Rahman Hall (1976)

Provost

Professor Dr. K M Saiful Islam Khan (from 05.02.2018)

House Tutor

(1) Mr. Mohammad Absar Kamal (Up to 21 March 2021); (2) Mr. Md. Ashiqur Rahman (Up to 21 March 2021); (3). Dr. Md. Asraful Alam; (4) Dr. Mohammad Azam; (5) Dr. Md. Musfiqur Rahman; (6) Dr. Md. Touhidul Islam; (7) Dr. Md. Taibur Rahman.

Warden (Shahnewaz Bhaban, the extension of Sir A.F. Rahman Hall)

Mr. Abdus Sattar

Assistant House Tutor

(1) Dr. Md. Rafiqul Islam; (2) Dr. Md. Faruk Shah; (3) Mr. Tanvir Nahid Khan; (4) Dr. Md. Mumit Al Rashid (From 18 March 2021); (5) Mr. Md. Golam Ramij (From 18 March 2021.)

Assistant Warden (Shahnewaz Bhaban, the extension of Sir A.F. Rahman Hall)

Mr. Md. Aktaruzzaman

Senior Imam Khatib

Hafez Md. Amir Hossain

Senior Administrative Officer

(1) Mr. Md. Abu Taher Akanda; (2) Mr. G.M. Moniruzzaman; (3) Mr. Md. Tajul Islam Patwary; (4) Mr. Md. Shamim Mia.

Junior Librarian

Mr. Md. Shahabul Islam

Lower Division Assistant

Mr. Md. Tauhedul Islam

Caretaker

Mr. Md. Imran Hossen

Total Staff (53)

Number of Officers -- 06

Number of class III (Non-technical staff) -- 07

Number of class III (technical staff) -- 03

Number of fourth class employees -- 37

Total=53

Number of Students (including Shahnewaz Hostel)

Resident students: 496

Permitted Dublars: 496

Non-resident attached students: --847

Students pursuing special courses(M.phil, Ph.D.etc.): --410

Total number of students attached to the Hall=1839

Administrative activities

The hall is run by the Hall Provost through a team of House Tutors/Asstt. House Tutors/Worden/Asstt. Warden. However, usually the Hall Provost distributes most of the administrative duties among the House tutors, assistant House tutors, warden and assistant warden. A team comprising one House Tutor and one Asstt. House Tutor performs the overall responsibility of each floor in the Hall. House Tutors/Asstt. House Tutors visit their respective floor two days in a week and also sit in House Tutors office once in a week to perform desk work. Administrative meetings are held at regular intervals to solve problems if any and to monitor progress of various activities. Whenever situation demands, the Hall Provost calls emergency meetings. In case of a crisis situation, the Hall Provost also sits with the activists of different student organizations and seeks their suggestions to overcome the same. The hall administration always puts its maximum efforts to ensure food and seat for the valid students of the Hall and also to ensure discipline and a congenial atmosphere in the Hall.

The culture of occupying rooms/seats by force, as was prevalent in the past, has been abolished during the recent days, and for the last one year and a half, residentship or permission for doubling is being given to the attached students of this Hall according to specific procedures.

Hall library

Curriculum and other necessary books are stored in the hall library. Every year books are purchased for the library at the initiative of the hall administration. A total of 58 (fifty eight) books have been purchased in the academic year 2020-21. The Hall Library currently has 3401 books, courtesy copies of various magazines and periodicals.

Hall reading room

There are two reading rooms in the hall. The reading room of the hall is very useful and important for the students. Thirteen daily newspapers and other magazines are kept here for the students.

Hall sports

The annual sports competition was not held due to the Corona epidemic.

Religious Programs

Due to the Corona epidemic, religious ceremonies were observed to a limited extent under official guidance.

Mess and Canteen

Mess named Renaissance is run on voluntary basis by the student's active cooperation with the Hall Administration. The interested resident students of the Hall run the Mess, while the assigned House Tutors provide necessary advice and play a monitoring role. Besides, there is a Canteen run by private/individual initiative. The Hall Authority also takes care of that.

Academic Performance 2020-2021

As always, in the year 2019-2020, the students of the hall achieved meritorious results.

Masters (MA, MSS, M.Ed, MFA): CGPA above 3.50 = 16 and CGPA above 3.50 Below this = 62 people. M.Ed, MBA - 24 people

(Honors) (BA / BSS / BBA / BFA): CGPA above 3.50 = 3 and CGPA below 3.50 = 20 people.

Information about Scholarships and stipends 2020-2021

Sumito Corporation Scholarship=1

University Pre-Scholarship=13

Army Welfare Scholarship = 3

Physically handicapped scholarship = 1

Scholarship for the visually impaired = 1

Hall stipend = 18

Post Graduate General Scholarship = 44, Talent Pool Scholarship = 1 by the Department of Secondary and Higher Secondary, Government of the People's Republic of Bangladesh

Book Grant Award on 2nd and 8th Post Exam Results = 2

7 post-scholarships on honors examination by the university = 4

Mitsubishi Scholarship = 1

Nurul Islam Trust Scholarship

Imam Uddin and Begum Asmatunnesa Foundation Scholarship

Engineer Chowdhury Mohammad Mohsin Foundation for Human Resources Development

Shilpacharya Zainul Abedin Memorial Trust Scholarship = 1

Muktijoddha Ziaur Rahman Hall (1988)

Provost

Professor Dr. Mohammad Bellal Hossain (from 05-05-2021 to present)

Professor Dr. Zia Rahman (upto 05-05-2021)

House Tutor

(1) Dr. A. T. M. Shamsuzzoha; (2) Mr. Mahmudur Rahman; (3) Dr. Md. Afzal Hossain; (4) Mr. Abu Naser Mohammad Saif; (5) Mr. Mohammad ShaheenurAlam; (6) Mr. F. M. Tunvir Shahriar; (7) Mr. Mahadi Hassan.

Assistant House Tutor

(1) Dr. Md. Ziaur Rahman (Sayeem Rana); (2) Mr. Abdullah Al Muneem; (3) Mr. Md.Inja-Mamun Haque; (4) Mr. A. B. M. NajmusSakib.

Officer

- 1 Mr. AKM Amjad Hossain ShiShir, Deputy Register (09-02-2021 to till);
- 2 Mr. Md. Jahir Rayhan, Senior Administrative Officer
- 3 Mr. Muhammad Lovlu Mollah, Senior Administrative Officer (09-02-2021)
- 4 Mr. Md. Bayazid Ahmed, Assistant Librarian
- 5 Mr. Md. Abdus Salam, Technical Officer
- 6 Abu Taher Md. Ismail, Administrative Officer
- 7 Md. Abul Kashem, Technical Officer
- 8 Md. Littton Miah, Administrative Officer

Employees

Class III	11
Class IV	30
Total	41

Number of Students

Resident	484
Doublers	484
Non-Residential	1382
Total	2350

During the entire period of 2020-2021 financial year, various activities of the University were stopped due to Covid-19. At the same time various regular activities of the hall such as student parliament, student welfare fund, newspaper reading room, reading room, library, religious activities, annual sports competitions, other sports and competitions, debate competitions, bindings, quiz clubs and related activities of the hall were suspended. However, at that time, every matter related to the hall was kept under intensive care by the authorities.

Garden

There is a beautiful garden in the courtyard of the hall which catches everyone's eyes. The ceremony of local and foreign flowers is noticeable in the garden. Proper care of the hall garden continued during the emergency COVID time.

Development Work

Following development works were accomplished during this session:

1. The roof of the north building has been repaired.
2. Casting and gallery construction in front of the Mukto Moncho (open stage).

Jatir Janak Bangabandhu Sheikh Mujibur Rahman Hall (1988)

Provost

Prof. Dr. Md. Mofizur Rhaman

House Tutor

(1) Dr. Md. Abdus Sobhan Talukder (Upal Talukder); (2) Mr. Mohammed Rakib Uddin Bhuyan; (3) Mr. Md. Mahfuzur Rahman; (4) Dr. Md. Rezaul Karim.

Assistant House Tutor

(1) Muhammad Badrul Hasan; (2) Md. Imran Hossain; (3) Dr. Saiful Hoque; (4) Dr. Md. Jahangir Alam.

Officer

(1) Md. Jaban Ali, Senior Administrative officer; (2) Md. Abu Baker Siddique, Senior Administrative Officer; (3) Mohammad Abdur Razzak, Assistant Librarian (Hall); (4) Md. Abdul Ahad Sardar, Technical Officer; (5) Md. Babul Hossain, Technical Officer; (6) Md. Mozaffer Ali Fakir, Administrative officer; (7) Md. Al-Mamun, Imam.

Employees

The total number of employees is 36.

Number of employees under class III is 06 and number of employees under class IV is 30.

Number of Students

Resident	430
Doubler	655
Non-Resident	1060
Total	= 2140

Examination Name**Results****Graduation**

B.A (Hon's)	A= 04, A- = 20, B+ = 21, B = 15.
B. Ed. (Hon's)	A = 06, A- = 01, B+ = 03
B.S.S. (Hon's)	A= 09, A- = 21, B+ = 25, B = 15, C+ = 17
L.L.B (Hon's)	A- = 01, B+ = 04, B = 07
B.B.A (Hon's)	A = 08, A- = 09, B+ = 20, C+ = 15

Post-Graduation

M.A	A= 21, A- = 08, B+ = 09, B = 30, C+ = 18
M.S.S	A= 07, A- = 08, B+ = 10, B = 09, C+ = 11
M.B.A (Evening)	A = 25, A- = 75, B+ = 110, B = 117, C+ = 20

Stipends/ Scholarship:

In this session, the hall students have received the following Stipends/ Scholarship:

Name of Scholarship**No. of Recipients****Board:**

Talent Pool	----
General	----

University Scholarship:

Postgraduate General	---
Undergraduate:	10
Hall Stipends:	
Hall Stipends	21
B.N.C.C	20
Rover Scout	10
Army Welfare	07
Corporate Trust Scholarship	09
Dhaka University Alumnae Association	20
Physically Challenged	02

Others/Comprehensive Activities**Annual Sports**

Due to the corona pandemic in Bangladesh, the University of Dhaka was declared closed from March 18, 2020, so the 'Annual Sports Competition-2021' was not held.

Indoor Games

Due to the corona pandemic in Bangladesh, the University of Dhaka and all of its halls were declared closed from March 18, 2020, so no 'internal sports competition' was held.

Debating Club

All activities of The Jatir Janak Bangabandhu Sheikh Mujibur Rahman Hall Debating Club were closed as the University of Dhaka and all of its halls were declared closed from March 18, 2020 due to Corona pandemic.

Badhan

Badhan, a voluntary blood donors' organization with the slogan of "One's blood- other's life, blood should be the connection of soul," has its active branch in the Hall. All activities of Badhan were closed as the University of Dhaka and all of its halls were declared closed from March 18, 2020 due to Corona pandemic.

Canteen and Mess

The canteen and mess of the hall were closed as the University of Dhaka and all of its halls were declared closed from March 18, 2020 due to Corona pandemic.

Hall Library and Reading Room

The Hall has a library and a reading room for the convenience of studying by the students. All activities of the library and the reading room were closed as the University of Dhaka and all of its halls were declared closed from March 18, 2020 due to Corona pandemic.

Cleaning Campaigns

Once a month cleaning Campaigns are organized to clean the hall premises by the Hall administration with the active participation of Hall Union Leaders, Students, Staff, and Teachers.

Celebration of National Days

The national days are observed with due respect. Under the supervision of the Hall Provost, House Tutors, Assistant House Tutors, Students, Officers and the staff of the Hall observe various days like birth and martyrdom anniversaries of Jatir Janak Bangabandhu Sheikh Mujibur Rahman, national children day, national mourning day, birth and death anniversary of National Poet Kazi Nazrul Islam, international mother language day, University Day, Independence Day, victory day, intellectual martyr's day, Dhaka University mourning day, etc.

Religious Ceremonies

Different religious ceremonies are observed with religious fervor and due respect. Milad Mahfils have been organized on the occasions of the holy Shab-e-Meraj, Shab-e-Quadr, Shab-e-Barat, and at the end of Khatm-e-Tarabih.

Birth & Martyrdom Anniversary of Jatir Janak Bangabandhu Sheikh Mujibur Rahma

Since the Hall is named after the great leader, Father of the Nation, Bangabandhu Sheikh Mujibur Rahman, on the occasion of 45th martyrdom anniversary of this great leader; the hall provost offered a respect garland

on Jatir Janak Bangabandhu Sheikh Mujibur Rahman's portrait on the morning of 15th August, 2020 at Dhanmondi 32 while house tutors, students, officers, and staffs accompanied him by maintaining social distance. Moreover, to remember the Father of The Nation's martyrdom, Qurankhani, Dua, and Milad Mahfils were organized at the Hall Mosque after Zohar prayer on that day.

To remember The Father of The Nation Bangabandhu Sheikh Mujibur Rahman on his 101st birthday, the hall provost offered a respect garland on Jatir Janak Bangabandhu Sheikh Mujibur Rahman's portrait on 17th March, 2021 at Dhanmondi 32 while house tutors, students, officers, and staffs accompanied him. Moreover, Qurankhani, Dua, and Milad Mahfils were organized at the Hall Mosque on that day.

Bangabandhu Merit Award Scholarship

The function for giving the Bangabandhu Merit Award Scholarship could not be arranged as the University of Dhaka and all of its halls were declared closed from March 18, 2020 due to Corona pandemic.

Development Activities

To ensure the health safety of the hall students, 03 (three) new basins with tiles were installed at the entrance of the hall with the own funding of the hall.

With the funding of the university, 100 (one hundred) new MS steel beds and wooden reading tables and 200 new (two hundred) chairs for the hall TV room were made for the students of the hall. Besides, the exteriors of 04 (four) buildings of the hall were painted. The hall was also beautified by purchasing new books for the hall library, purchase of utensils for the canteen-mess, various kinds of seasonal flowering plants, and various beauty-enhancing deciduous trees.

Bangladesh Kuwait Maitree Hall (1989)

Provost

Prof. Dr. Nazmun Nahar

Part-Time House Tutor

(1) Farjana Begum; (2) Monira Parveen; (3) Hasina Begum; (4) Refat-E-Rubaia; (5) Ila Ismail; (6) Shamima Prodhan; (7) Sharmeen Akhter; (8) Dr. Aditi Shams.

Assistant House Tutor

(1) Hamida Akhter; (2) Khaleda Khatun

Principal Admin Officer

Mrs. Tohidur Jahan

Senior Admin Officer

Mrs. Parvin Akhter

Admin Officer

Jyotirmoye Banik

Junior Librarian

Kamrun Nahar

Senior Accounts Officer

Amrita Raj Bangshi

Lower Division Assistant

Touhida Islam

Number of Students

Resident- 804
Attached- 1682

Dining Facilities

The hall administration has been serving breakfast, lunch, dinner, various types of snacks at reasonable price at the dining hall appointing a good caterer. Three member committee consisting of house tutors efficiently manage the function of the dining hall.

Hall Library

A Library Assistant runs the hall Library under the supervision of a house tutor. The Library is well equipped with 5350 books. In order to meet students requirement Tk 46200/- is also given from university fund every year.

Nawab Faizunnessa Chowdhurani Satrinibash (1994)

Warden

Professor Dr. Sharmin Musa

Assistant Warden

Professor Dr. Kazi Hanium Maria

Administrative Officer

(1) Md. Jahangir Alam; (2) Kamala Rana Mondal.

Office Staffs

Class iii	1 (one)
Class iv	6 (six)

Number of Students

Years & Class	No. of Student
M Phill	118
Ph D	12
Total	130

Participation in National Program

14th December - Shahid Budhijibi Dibash
16th December - Bijoy Dibash
21 February - Matrivasa Dibash
26th March - Shadhinata Dibash

Extra-Curricular Activities

Students always participate with success in University as well as National Level indoor games & sports, cultural competitions, social humanitarian works and in different religions programs. We enjoyed 1st July' 2021, Dhaka University Day.

Library Facilities

There is a small library in the Satrinibash which contains 860 copies of different books. Students can read in the library and can borrow books from the library. Two daily Newspapers & two weekly Magazines are supplied to the library for the students.

Food Arrangements

There is a Dining Hall in this hostel. The students can take their food three times daily in the Dining Hall.

Research Activities

In this hostel only research students can live. They are engaged in individual as well as group research activities in different Departments under the guidance and supervision of the teachers.

Sir P.J. Hartog International Hall (1966/2001)**Provost**

Professor Dr. Md. Mohiuddin
Institute of Business Administration

House tutor

Professor Dr. Hafiz Muztaba Riza Ahmed
Dept. of Islamic Studies

Assistant House tutor

Mr. Md. Golam Rabbani
Associate Professor
Dept. of Statistics, Biostatistics and Informatics

Officer & Employees

The total member of employees of the Hall stands at 20. Among them, one is Principal Administrative Officer, one is Administrative Officer, four are class three and the rest are all class four employees.

Number of students

Around 98 foreign students are currently staying in the Hall. Among them, 16 students are enrolled at different Departments and Institutes of the University of Dhaka and the rest are from different affiliated Colleges/Institutes of the University.

Number of Teachers and Officers

Fifty three teachers and three officers of the University are staying at this Hall. The Hall has 10 guest rooms to accommodate visiting researchers and scholars.

National programs

The Shaheed Intellectual day on 14 December, the Victory day on 16 December, the Independence day on 26 March, Amor Ekushe and the International Mother Language day on 21 February had been observed with due respect and solemnity. On these days, floral wreaths were placed respectively at Shahid Intellectual Mausoleum (Mirpur), National Srimti Shoudha (Savar), and Central Shahid Minar (Dhaka). National Mourning Day on 15 August was also observed through special prayer and Milad Mahfil. Special Dinner Parties were arranged on 14 April and 01 July as well on the occasion of Pohela Boishakh (Bengali new year) and on the Dhaka University Day.

Religious Festivals

An Ifter party was organised in the holy month of Ramadan. There is a mosque on the 2nd floor of this Hall which was nicely renovated and also established sound system in this year. During Ramadan Khatm-e-Tarabih was arranged there in the mosque. The Hall also celebrated the Eid-ul-Azha and Durga Puja with religious fervour.

Reading Room

There is a A/C reading room with library facilities for the students of the Hall. Computer facility is also there with internet connection. Two English daily and some other magazines are kept in the library for the students. A good number of books were purchased this year with University grant.

Sports and recreation

The Hall has the provision of indoor sports like Table Tennis, Carom, Chess and Badminton etc. This year the hall authority arranged Indoor Games Tournament for the resident (students and teachers) of the hall. There is a well organized TV room for the students having a new wall-mounted LCD color television with dish connection.

Dining Hall

There is a nice dining Hall and neat and clean kitchens with modern facilities for the resident students of the Hall. There is a mess run by the students of different countries (Nepalese and Malasshian), and there is a another high quality canteen for other students and teacher. This mess and canteen have been serving food in the hygienic environment as to the liking of their members.

Hall Garden

There are two nice and attractive gardens in front of the Hall. A variety of flower plants including rose have been cultivated there. In addition, a lot of different seasonal flower plants were planted this year which added to the beauty of the garden. Apart from that, a large number of valuable saplings were planted in front of the hall premises.

Bengali New year Celebration (Pohela Boishak)

Sir P. J. Hartog International Hall celebrated the Bengali New Year 1424. A dinner party was given for the students, teachers, officers and staff as well.

Miscellaneous

There is no student union in this Hall. There is a beautiful lounge for the students and visitors of this Hall. There are two sets sofa for the teachers and three sets sofa for the students.

Amar Ekushey Hall (2001)**Provost**

Professor Dr. Ishtiaque M. Syed

House Tutor

(1) Dr. Md. Zavid Iqbal Bangalee; (2) Mr. Md. Saeed Siddik (until 11.1.2021); (3) Dr. Abul Kalam Azad; (4) Mr. Dewan Md. Enamul Haque (from 11.2.2021).

Assistant House Tutor

(1) Mr. Md. Mahidul Haque Prodhan (till 12.4.2021); (2) Dr. Md. Mahfuzur Rahman Khan; (3) Dr. Ashfaque Muid Khandaker; (4) Dr. Md. Shariful Islam; (5) Mr. Ishiq Imran; (6) Dr. Abu Zar Md. Safiullah; (7) Dr. Md. Ismail Hossain; (8) Dr. Md. Alauddin.

Principal Administrative Officer

Mohammad Helalur Rahman

Imam Khatib

Khondoker Siddiqur Rahman

Senior Administrative Officer

Mohammad Saiful Islam Khan

Administrative Officer

Saiful Islam

Office Staff

The current number of 3rd and 4th class employees is 39 (5 + 34).

Number of Students

Total number of students at the current session is 1280 of which 520 are resident and 760 are non-resident.

Hall Union

Hall union election held in March 11, 2019 for the first time in history of the hall. 13 elected members along with 2 teachers have performed different co-curricular activities of the hall successfully (Hall Union tenure expired March 10, 2020).

Infrastructure

The hall has four buildings and they are named after four language martyrs of 21st February, 1952. Barkat, Rafique and Salam bhaban have 32, 83 and 40 residential rooms each containing 4 beds. TV room, Indoor Games room, Spacious Dining Room (Rasana) and a canteen (Ruchira) situated at Jabbar Bhaban. Besides, the hall has a library, three reading rooms, and rooms for Ekushey Debating Club, Ekushey Cultural Club, Badhan etc. The hall also has laundry (Showvonic) and saloon (Kheuri) facility. There are also a small convenient store and a mosque inside the hall. There are many gardens in the hall premise which enhanced the internal beauty.

Infrastructural Development

Inside the hall library, Bangabandhu corner has been established after the name of the father of the nation. Internet and computer lab facilities have been extended to support students' academic activities. A bicycle stand with roof top has been constructed in the premise of the hall that can accommodate more than 100 bicycles.

Administrative Activities

Hall Administration performs their major functional activities according to the decision of meetings among provost, house tutors and assistant house tutors. Allotment, distribution and cancellation of students' seat, clearance and guidance of students' activities are executed by house tutors under the supervision of provost. As such responsible teachers visit blocks of residential building to solve any sort of problem. Besides they are also available at hall office to communicate with students for successful completion of different activities.

Education encouraging Activities**Scholarships/stipends**

In the mentioned academic year, students received several scholarships based on merit. Moreover, 33 students has been awarded graduate merit scholarships, and 3 students received Shomitomo Corporation stipend.

Hall Library and Reading Room

A library and three reading rooms in the premise are well organized and managed by the Hall Administration. The library has a good collection of books. New books are added every year according to the demand of the students. The reading rooms extend their facilities through newspapers, weeklies, literary magazines, periodicals, etc. The students use these facilities to enrich their horizon of knowledge.

Catering System

An experienced caterer has been appointed by the authority to maintain and manage the canteen of the hall. The Hall Mess "Rashana" is well managed by the Organizing Committee formed by the student members of the mess. Concerned House Tutors routinely supervise and advise on the proper management system and for the sanitation and hygienic conditions for preparing and serving good quality foods. In addition, a total of 21 small kitchens are situated in different floors of the three buildings (Barkat Bhaban, Salam Bhaban and Rafiq Bhaban) for self-catering for the residents.

Hall Garden

Different species of seasonal flower were planted in the different seasons to make the internal environment of the hall beautiful and panoramic.

Hall Union

Amar Ekushey Hall Union published a literary magazine "Ekusher Bornamala".

Ekushey Debating Club (EDC)

EDC is a debating organization of Amar Ekushey Hall. This organization was established by inspiring creative and intellectual students. This is the expectation of all concerned that in order to win over the adversary, the

young generation will march ahead in an irresistible force, by acquiring excellence and not by the application of demoniac force. The general meeting of EDC takes place on every Friday at 10 pm, where debators get a chance to debate on a specific motion, the participate in home and away debate at least once a month with others halls of the University. EDC organized 9th Language Day Inter-Club debate competition to encourage a logical and creative generation successfully (Successesive edition of the competition has not been organized due to Covid-19 pandemic).

Badhan

'Badhan' is a blood donating voluntary organization which has been working as a unit with cooperation from the Hall and University authorities. Most of the hall students are the members of this organization. This organization tested blood groups for the 500 students at free of cost. The members of 'Badhan' always dedicated to donate blood to the feeble and distressed patients. They have donated 620 bags of safe bloods overall. Badhan Ekushey hall unit has organized freshers' reception program, volunteers' week, award giving ceremony to create awareness and enthusiasm among students. The contribution of the young members of this organization for the cause of humanity is worthy of immense admiration.

Ekushey Cultural Club

Ekushey Cultural Club (ECC) was established on 21 June, 2008 to promote the cultural activities of the students of Ekushey Hall. ECC organizes cultural programs on different occasions. Documentary exhibitions are organized on the last thursday of each month. Besides a workshop is conducted in the last week of every month.

Observance of National/University Days

The Intellectual Martyr Day on 14 December, the Victory Day on 16 December, International Mother Language Day and Language-martyr Day on 21 February and Independence Day on 26 March were observed in a befitting manner. On behalf of the Hall, intellectual martyrs were honored on 14 December, at intellectual martyr graveyard at Mirpur. Students, teachers and officials of the hall laid wreath at National Memento at Savar on 16 December and 26 March. Bare-foot procession before sunrise

moved to the Shahid Minar and reverence were offered on remembrance of the language-martyrs. House Tutors, Assistant House Tutors, students and office staffs spontaneously participated in all of these national day observation at the guidance of the Provost of Amar Ekushey Hall. A Discussion Meeting, documentary & photo exhibition, reciting poems competition were arranged on 15th August at the occasion of death anniversary of Bangabandhu Sheikh Mujibur Rahman. Since the Amar Ekushey Hall has been established in remembrance of language-martyrs, the celebration of 21 February was arranged in a distinct and heart-felt manner. Prayer was offered at hall-mosque in remembrance of the martyrs. With due respect, the Hall celebrated Pahela Baisakh (Bangla New Year) on 14 April and supplied feast to the students on this occasion. Besides the hall celebrated University Day on 1st July and Birthday of Bangabandhu Sheikh Mujibur Rahman as well as National Children day on 17 March.

Religious Activity

There is a Hall mosque where daily prayers, the Jumma prayer on Fridays and other Islamic religious Functions are observed. During the month of Ramadan an Iftar Party was arranged in the Hall. The occasions of Eid-ul-fitr and Eid-ul-azha were also observed in a very religious and festive mood.

Bangamata Sheikh Fazilatunnessa Mujib Hall (2001)

Provost

Professor Dr. Zakia Parveen

Part-Time House Tutor

(1) Jyotswi Chakma; (2) Anjuman Ara; (3) Ratna Rani Das.

Assistant House Tutor

(1) Jameni Javed Suchana; (2) Bjoya Pal; (3) Morim Khnum; (12.10.2020); (4) Dr. Zubida Nasrin; (5) Afrin Sultana; (6) Aparna Rani Day.

Part-Time Doctor

Dr. Tajim Bushra

Part-Time Psychologist

Umma Sayma Siddka

Principal Administrative Officer

Md. Alamgir Alam

Senior Administrative Officer

(1) Sayda Khadiza Begum; (2) Nazma Begum; (3) Umma Salma.

Junior Librarian

Mamita Rani Roy

Administrative Officer

Tahmina Mostafa

Employees

Third Class	13
Fourth Class	30
Total	43

Student's Status and Number

Resident	950
Non Resident	1,497
Total	2,447

Scholarships

The students of Bangamata Sheikh Fazilatunnessa Mujib Hall have obtained the following scholarships during the session of 2020-2021:

1. Honours Scholarship-101
2. Pre Honours scholarship-27
3. Army Trust Fund scholarship-05
4. Meser Uddin Ahmed Memorial Afia Khatun-1

5. Abul Hossain Chowdhury Memorial Trust-1
6. Begum Safura Hossain Trust Fund-1
7. A. K. M. Fazlul Hoque Mawla Memorial Trust Fund-1
8. Professor Abdullah Faruk Trust Fund-1
9. Ismail Panolit Memorial Stipend-1

Celebrating the national days, festivals and other occasions

With due respect the hall always observes different national days, festivals and occasions including the birth day and the National Children's Day on 17 March, International Mother Language Day on 21 February, the birth day of Bangamata Begum Fazilatunnessa Mujib on August 8, National Mourning on August 15, Dhaka University Day on 1 July, Dhaka University Mourning Day on 15 October, International Women's Day on 8 March, the birth and the death anniversaries of the national poet Kazi Nazrul Islam on respectively 25 May and 27 August, Independence Day on March 26, Bengali New Year on April 14, Shab-e-Barat, Eid-e-Milad-Un-Nabi, Ramadan iftar party, Eid-ul-Fitr and Eid-ul-Adha, and Saraswati pooja.

However, because of COVID-19, the hall was unable to observe these days as before during the session of 2020-2021.

Annual Sports

The Annual Athletics and Indoor Games Competition of Bangamata Sheikh Fazilatunnessa Mujib Hall could not be held in 2020 because of COVID-19 lockdown.

Literary and Cultural Competition

The 19th Annual Cultural and Literary Competition was postponed because of COVID-19 lockdown.

Debating Club

The regular activities of Bangamata Sheikh Fazilatunnessa Debating Club, 2020-2021 were postponed because of COVID-19 lockdown.

Badhan

Badhan is a blood donor organization. The regular activities of Bangamata Sheikh Fazilatunnessa Badhan unit (2020-2021) were postponed because of COVID-19 lockdown.

Medical Treatment

The Hall has an appointed female doctor who provides necessary treatments to the students.

Psychologist

An appointed psychologist provides advice/counselling for the benefits of the students for a particular period in five days a week.

Dining and Canteen

An experienced caterer appointed by the hall authority maintains the dining and canteen of the hall. Under the supervision of the Dining Committee the food menu, quality and other related issues are constantly monitored.

Ranger Unit

The Ranger Unit of the hall plays a vital role in different social, humanitarian and cultural events, including Dhaka University Day, World Peace Day, International Mother Language Day, Dhaka University Convocation, Relief Distribution activities during flood situation, Victory Day, World Environment day and also takes part in the youth fair at Dhaka China Friendship Centre, Dhaka University admission test, immunization program and different programs of the hall.

Student Facilities

Reading Room, Library, Prayer Room, Music Room, Auditorium, Phone, Computer Lab, Internet, Photocopy, Laundry, Departmental Store

There are three reading rooms with adequate facilities for the students. The rooms are enough spacious to accommodate a good number of students and remain open round the clock. There is also a separate spacious room for prayer and reciting Quran. Every year new books are purchased as per

requirements of the students for the hall library. The students have access to the library from 9:30 am to 9:00 pm. The music room is for the regular practice of drama and music as well as for those who are interested in music.

There is a spacious auditorium in the hall premise where cultural and religious programs are arranged by the students and the hall authority. At the corner of the auditorium, there is a space for reading newspapers. Eight daily Bangla, two daily English, and one weekly papers are regularly supplied by the hall authority. In the auditorium there is one TV set. Internet facilities are also available for the students to study and communicate with the world. The students can avail of these opportunities from 9 am to 10 pm.

For a better living of the students, the hall authority has also established the services of laundry, phone, photocopy and departmental store, which remain open till 10.00 pm.

It should be noted that during the closure of the University from March 18, 2020 because of the outbreak of COVID-19, the hall canteen and other services including laundry, photocopy, etc were closed.

Bangabandhu's Corner

There is a Bangabandhu's Corner, which was established with the help of the students in the memory of Sheikh Mujibur Rahman, the Father of the Nation, and which has a good collection of photographs and books on Bangabandhu and the Liberation War 1971.

Kabi Sufia Kamal Hall (2011)

Provost

Professor Shamim Banu

House Tutor

(1) Dr. Mohsina Akhter Khanom; (2) Mrs. Monika Chakraborty; (3) Dr. Gawsia Wahidunnesa Chowdhury; (4) Mst. Rebeka Sultana; (5) Mrs. Asmita Alam Shammi; (6) Dr. Munira Sultana

Assistant House Tutor

(1) Mrs. Elora Sharmin Ela; (2) Dr. Sohana Jahan; (3) Mrs. Roufun Nahar; (4) Mrs. Jinat Sharmin; (5) Dr. Dilruba Sharmin; (6) Mrs. Rayhan Ara Zaman; (7) Mrs. Nusrat Jahan Punom; (8) Mrs. Sonia Tamanna; (9) Mrs. Syfin Rubaiyat.

Part-Time Psychologist

Mrs. Tehzib Shabnam Tushti

Principal Administrative Officer

Mrs. Jannatul Ferdous

Administrative Officer

Mr. Samad Ahmed Sheikh

Number of Employees: 47

Grade	Number of Employees
3	8
4	33
Technical	6

Number of Students:

Description	Number of Students
Residential Students	2000
Non-residential Students	2200
Dual-residential Students	N/A

An updated database of all students is reserved in the hall office.

Hall Activities

Administrative Activities

Each house tutor is assigned to supervise specific floors of the hall. They monitor the students and pay regular visits to the rooms under their supervision. They invite students to weekly/ half monthly/ monthly meetings to carry out the administrative activities in a coordinated way. Moreover, house tutors and the regular residential students attend the general meetings presided over by the Hall Provost. An updated database containing the name, room/seat number, the contact information of the local and legal guardian of every residential student is accessible to the hall office and house tutors as well.

Every year from July to next year June, different subcommittees arrange and give directions to observe the special days and activities. These subcommittees are formed with a convener, and several members are selected from the house tutors. Dhaka University Day, Annual/Internal Sports competitions, Women's Day, Annual Literature and Cultural Competition, National Mourning Day, Martyred Intellectuals Day, Birthday of Bangabandhu Sheikh Mujibur Rahman, Victory Day, International Mother Language Day, Independence Day, Birth and Death Anniversary of National Poet Kazi Nazrul Islam, Saraswati Puja and other national days are celebrated in a due manner under the supervision of the subcommittees.

Besides the above-mentioned activities, there are several socio-cultural, voluntary, and charitable organizations like Trust Fund Scholarship, Debate, Badhan, BNCC, Rover unit, Ranger unit functioning in the hall. All of the major activities of the academic year 2020-'21 are listed and described below:

Celebration of Hall Anniversary

The hall anniversary was celebrated by the House Tutors in the presidency of the provost through cutting a cake on 1st January 2021.

Other Important Activities

- a) On 15 August 2020, the National Mourning Day was observed with due respect and solemnity. The national flag was kept half-mast and the black flag symbolizing the mourning was hoisted on that day.
- b) Jagannath Hall Tragedy Day was observed on 15 October 2021 with proper dignity.
- c) Shaheed Dibosh and International Mother Language Day was observed on 21 February 2021 with due dignity and solemnity.
- d) To celebrate the birthday of the Father of the Nation Bangabandhu Sheikh Mujibur Rahman, a milad mahfil and a discussion meeting were organized on 17 March 2021.

Garden

Kabi Sufia Kamal Hall possesses a beautifully decorated garden comprised of 450 different types of plants. To enhance the beauty of the garden, different types of beautiful flower seedlings and medicinal plant seedlings have been planted in the hall garden.

Special Facilities provided by Kabi Sufia Kamal Hall

- a) The hall has a reading room and a computer lab for the good facilitation of the students' study activities. 5 Bangla and two English newspapers are provided for the students. Other than these, a reading table with 8 chairs is provided in the common space of every floor of each building.
- b) There is a spacious prayer room for conducting the prayers for the students.
- c) There is a music and dance room in the hall where students from Theatre and Performance Studies Department, Music Department along with other music enthusiasts can pursue their practice sessions.
- d) There is a sick-room consisting of four beds to serve any emergency purpose for the students.
- e) 5 water filters are provided to serve pure and fresh drinking water.
- f) There is a games zone for indoor games.
- g) There is also a well-decorated auditorium and literature corner for the students to practice culture and literature.

- h) There are four guest rooms for the foreign students comprising all modern facilities.

Beauty Parlor, Laundry, Tailor Shop, Departmental Store, Dining and Canteen:

There is a dining hall, two canteens, one laundry shop, one Photostat shop, one tailor's shop, one beauty parlor, and a departmental store inside the hall premises for the convenience of the students. Students of the hall can avail the services of these shops from 8 am to 10 pm every day.

Bijoy Ekattor Hall (2013)**Provost**

Professor Dr. Abdul Bashir

House Tutor

(1) Professor Dr. A K M Khademul Haque; (2) Professor Dr. Muhammad Asif Hossain Khan; (3) Mr. Md. Salim Hossain; (4) Professor Dr. Muhammed Shah Miran; (5) Mr. Md. Rashedur Rahman.

Assistant House Tutor

(1) Mr. Md. Tawohidul Haque; (2) Mr. Md. Jahangir Hossain; (3) Mr. Md. Zahidul Islam Sana; (4) Mr. Md. Jewel Mia; (5) Dr. Md. Khairul Islam Chowdhury; (6) Dr. Kazi Shahedul Halim; (7) Dr. Rezwanaul Haque Khan; (8) Mr. Md. Kamal Uddin; (9) Mr. Bellal Ahmed Bhuiyan (Anik); (10) Mr. Md. Aminul Islam; (11) Mr. Md. Swarup Hossain; (12) Mr. Mohammad Sharif Ul Islam; (13) Dr. Mian Md. Naushaad Kabir; (14) Mr. Zaynul Abedin.

Number of Employees

3rdclass :09 (Nine)

4thclass :31 (Thirty one)

Part-time: 2 (Two)

Number of Students

Resident: 1000

Doubler-resident: 860

Non-resident: 1200 (Under process)

Total: 3060

Website Development for the Hall

On 26th September, 2019, a website-<http://www.bijoyekattor.du.ac.bd/> was launched after the name of Bijoy Ekattor Hall. The website was redesigned and readdressed to <http://www.new.bijoyekattor.du.ac.bd/> on 10th February, 2021. It is worth mentioning that detail information about all the students of the hall is preserved in a computer database.

Students' Union

The winning panel of the Dhaka University Central Students' Union (DUCSU) and the Hall Students' Union elections held on March 11, 2019 served their responsibilities for the welfare of the students till June 23, 2020 with the help of the Hall administration. In the academic year of 2019-2020, the elections of the DUCSU and the Hall Students' Union were not held. As a consequence, all activities of the hall were conducted by the Provost, the House Tutors and the Assistant House Tutors of the hall.

Scholarships, Financial Grants and others

Different scholarships and financial grants are being offered to the students in the current academic year. The students are also awarded with different stipends received from various sources.

Students' Welfare Fund

Money from Students' Welfare Fund are utilized to purchase various necessary equipment and materials for cultural, sports and Internet-related activities to ensure quality services to the students.

Celebration of the Mujib's Birth Centenary

To celebrate the birth centenary of the Father of the Nation Bangabandhu Sheikh Mujibur Rahman (Mujib Year 2020), the Hall administration organized a "Tree Plantation Program- 2020". In addition, like other years, a special prayer and a Milad Mahfil were organized at the Hall mosque on

the occasion of the birth anniversary of the Father of the Nation and the national Children's day. The students, teachers and other staffs of the hall also attended different events organized by the university to celebrate the day.

Celebration of the Golden Jubilee of the Country's Independence Day

In this financial year, the hall was decorated with colorful lighting to celebrate the Golden Jubilee of the independence of the country.

Hall Auditorium and TV Room

In the hall, there is a large auditorium having a capacity to accommodate 400 students. Different social, cultural and national programs and events are arranged there by the hall administration with the cooperation of the students. A projector and a large screen have been placed in the TV room to facilitate students watch different programs aired on TV comfortably.

Financial Assistance, Support during COVID-19 and Poor Fund Stipend

Like every other year, Bijoy Ekattor Hall aided 2 (two) poor students financially in response to their application for help for medical treatment and also supported a student financially as he got COVID infected. As the academic activities were on hold following the directives of the Government during the pandemic, poor fund stipend was not distributed to the students this year.

Newspaper Reading Room

A room on the 4th floor of the Meghna Block of the Hall is being used as a newspaper reading room. Eight (08) daily newspapers (Bengali and English) are being supplied to this room, everyday.

Reading Room

There is a big reading room on the ground floor of each of the two blocks (Padma and Jamuna) in the Hall. About 300 students can study in each room at a time.

Hall Library

On the 4th floor of the Meghna block, the Hall library is located. The library is in full operation since its inception in 2016. In this financial year, new books were bought for this library.

Gymnasium

A well-equipped gymnasium with modern instruments has been opened on the 3rd floor of the Meghna block on December 16, 2014. For the students the gymnasium remains open daily for a stipulated period of time.

Career and Counseling Centre

A Career and Counseling Centre was also set upon the ground floor of the Padma block. This centre provides career development advice and mental health counseling to the students.

Religious Festival

In the hall, the religious festivals are celebrated with due regards. The holy Eid-ul-Fitr, Eidul-Adha along with Eid-e-Milad-un-Nabi are celebrated at the Hall while general discussion programs, Milad Mahfils and special foods are arranged for the students on these occasions.

Observance of National Mourning Day

On the August 15, 2020, the death anniversary of the Father of the Nation, Bangabandhu Sheikh Mujibur Rahman and the National Mourning Day was observed with due reverence.

Celebration of Victory Day, Independence Day, Shahid Dibash (International Mother Language Day) and Other Days

In the hall, the national days are celebrated with due reverence. Under the supervision of the hall Provost, Prof. Dr. Md. Abdul Bashir, the house tutors, assistant house tutors and the staffs observed the University Mourning Day on October 15, 2020, the Martyred Intellectuals Day on December 14, the Victory Day on December 16, Shahid Dibash and the International Mother Language Day on February 21, the Independence day on March 26, the birth and death anniversary of the national poet Kazi Nazrul Islam with due respect. Since the University and its halls were

closed from March 18, 2020, the students could not participate in those events.

Film Show and Book Fair

Since the halls were closed, the film festival named “Bangla Bhashar Film” and the “3rd Bijoy Ekattor Book Fair” had not been organized.

Provost Award and Provost Gold Medal

Students of Bijoy Ekattor hall achieving the highest CGPA in Bachelor (Hons.) and Master’s examinations of their respective department are awarded with the Provost Award and the Provost Gold Medal every year. Since the University and its halls were closed from March 18, 2020, the awards were not awarded in this year.

Shadhin Bangla Student Mess and Bijoy Ekattor Hall Canteen

A well-organized students’ mess named “Shadhin Bangla” student mess has been running since 1st June 2017. The mess has a capacity of 700 students while almost five hundred students take their meals daily in this mess. From the hall administration, a coordination committee of three house tutors has been formed for continuous monitoring and counselling of the mess. In addition, a large canteen named “Bijoy Ekattor Hall Canteen” is being run in the hall for offering improved food to the students. To ensure clean and safe water to the students, four Six Stage Ultra Violet Water Purifying System-200 GPD UV Water Purifier have been installed.

Badhan (Voluntary Blood Donor Organization)

Badhan is a voluntary blood donation national organization. Badhan Bijoy Ekattor Hall unit arranges programs in the hall premises for blood donations and free blood group identification.

Debating Club

The students of Bijoy Ekattor Hall debating club regularly participate in National Television Debate Competition and Inter Hall Debate & Quiz Competitions. Even during this pandemic, the ‘2nd Victory Debate Festival’ (online) was organized in the hall.

IT Training Lab

A well-equipped IT Lab with modern computers was inaugurated on 06 August 2017 on the ground floor of the Padma block. Modern IT trainings for the students are arranged in the Lab with a certain interval. In total, training of five batches of students have been trained.

Inter Hall Volleyball Competition

The Bijoy Ekattor Hall Volleyball Team reached into the final of the Inter Hall Volleyball Competition 2019. Due to COVID-19, the final match is yet to be held.

Sports Facilities

Two badminton courts and a volleyball court were prepared on the hall premise for students. On the eve of the birth centenary of the Father of the Nation, Bangabandhu Sheikh Mujibur Rahman, an “Indoor Games Festival” was organized by the Hall. As the students were not in the hall due to COVID-19, the annual sports competition, annual internal cultural and games competitions did not take place.

Preventing Novel Corona Virus (COVID-19)

As a precautionary measure and to prevent infection among the students, hand sanitizer, mask, temperature measuring device and handouts were always available in the hall gate.

Garden

A nice eye-catching flower garden at the Hall premise attracts all kinds of visitors. This year, new flower trees were planted, chemical and bio-fertilizer were given, the garden was regularly pruned by grass chopper machine.

Drive for Cleaning

Under the supervision of the Hall Provost, the house tutors, assistant house tutors and the hall staffs conduct a regular drive for cleaning the hall premise on the first Thursday of each month.

Bijoy Ekattor Hall Trust Fund

The Bijoy Ekattor Hall Trust Fund has been established by giving Tk. 80 lac (eighty lac) to the University Fund. The annual proceeds generated from this fund is used for awarding stipend to the poor meritorious students, the Provost Gold Medal and the Provost Award to the meritorious students and for organizing rally, cultural programs etc. Since the University and its halls were closed from March 18, 2020, the Bijoy Ekattor Hall Trust Fund programs were not held in this year.

Tree Plantation Program

On the eve of the birth centenary of the greatest Bengali of all time, Bangabandhu Sheikh Mujibur Rahman, a tree plantation program was. In that program, the Hall Provost, House Tutors, hall employees and many students were present.

Development Activities

- Having financed by the University, a bicycle stand/bike stand has been established for the students in the hall premise.
- To enforce the health policy during pandemic, 4 (four) new modern tiles-fitted basins have been placed.
- The water tanks (2 reserve and one overhead tanks) of the Padma block, the Meghna block and the house tutor quarter have been cleaned which was financed by the University.
- Two 5 horse powered submersible pump motor sets were installed.
- The 200 KVA generator set up in the hall substation was repaired.
- The sewerage line of the Shadhin Bangla mess was repaired.
- The soggy walls of IT hall were renovated and painted.
- The 44 washrooms in 4 blocks of the hall were refurbished through Conceal Pipe Line Surfacing, changing and repairing the inappropriate fittings and coloring.
- The top shade of the cycle-stand of the Jamuna block (North Bhaban) was changed as it became unsuitable to use.
- The main gate of the hall was renovated by changing the damaged ceramic bricks, replacing the soggy walls and recoloring.
- For the beautification of the guest room of the hall, tiles were fixed in the floors.

- To reopen the university, all the bathrooms, toilets, dining room, canteen, mess, TV room, reading room, guest room, mosque, stairs, common room, corridors and also the common spaces were renovated and recolored from the special grant donated by the Honorable Prime Minister
- The doors of Bijoy Ekattor hall office, house tutor office and the IT room were replaced with new ones.
- Repairing and modernization of the park attached to the house tutor quarter has been done.

IBA Hostel (1987)

Warden

Md. Iftekharul Amin

No. of residents : 138

Executive Block : 50

Student Block : 88

No. of non-residents : None

This is a residential hostel of the students of the Institute of Business Administration (IBA). The total number of students of this hostel is 138.

Shahid Athlet Sultana Kamal Hostel (2014)

Shahid Athlet Sultana Kamal Hostel is a female students' residential hostel of Institute of Leather Engineering and Technology, University of Dhaka. This hostel started functioning from 15th October, 2015. Shahid Athlet Sultana Kamal Hostel exists in a four-storied building.

Warden

Umme Habiba Bodrun Naher

Assistant Warden

Dr. Manjushree Chowdhury

Staff

03 Employees (class IV) are working as security guards. On the basis of no work no pay; there is a sick-girl to give health related services to the students.

Number of Students

In 2020-2021 session the total number of female residential students was 129.

Hall Library and Study Room

There are a library and a study room in the hostel. According to the syllabus different books on Leather Engineering, Footwear Engineering, Leather Products Engineering, Physics, Chemistry, Math etc. are available. Students can study here.

Dining Room

There are enough facilities for dining in the hostel.

Television Room

There is a television in TV room for entertainment and enjoyment of different programs.

Hostel Garden

To add beauty and increase aesthetic pleasure, different flower plants and valuable trees are sowed.

Dr. Qudrat-E-Khuda Hostel (1962/2011)

Warden

Sobur Ahmed

Assistant Warden

(1) Dr. Md. Abdulla-Al-Mamun; (2) Md. Ali Muztaba; (3) Md. Rayhan Sarker.

Office Staffs

Class iv 6 (Six)

Number of Students

Male	Female	No. of Student
362	-	362

Participation in National Program

14th December - Shahid Budhijibi Dibash
 16th December – Bijoy Dibash
 21 February - Matrivasa Dibash
 26th March - Shadhinata Dibash
 15th August - National Mourning Day

Hostel remembered and mourned the brutal murder of the Father of the Nation, Sheikh Mujibur Rahman, on National Mourning Day (August 15).

Extra-Curricular Activities

Students always participate with success in University as well as in Shahid Sergeant Zahurul Haq Hall indoor games & sports, cultural competitions. Students of the hostel always play football, volleyball, cricket, badminton in our playground. Hostel organizes Football and Badminton tournament every year. Each year hostel participates in the rally and joins in the seminar on 1st July and celebrates founding anniversary of The Dhaka University day with great enthusiasm and festivity on the campus.

Library Facilities

There is a small library which contains about 200 copies of different books according to syllabus of the students and student can borrow books from the library. Eight daily newspapers are supplied to the students.

Food Arrangements

There is a Dining Hall in this hostel. The students can take their food two times daily in the Dining Hall. Assistant Warden supervises it.

Safe Drinking Water Supply

There are four Reverse Osmosis filters in the hostel to ensure pure drinking water supply for the students.

Television Rooms

There are two televisions in two different TV rooms in the two Buildings of the Hostel for entertainment and enjoyment of different program.

Garden

There are excellent gardens inside and outside of the Hostel. Huge number of seasonal and permanent flowering trees has planted this year.



Dhaka University Vice-Chancellor Prof. Dr. Md. Akhtaruzzaman paid a courtesy call on Hon'ble President of the People's Republic of Bangladesh and Chancellor of the University of Dhaka H.E. Mr. Md. Abdul Hamid on January 10, 2021 at Bangabhaban. DU Pro-Vice Chancellor (Administration) Prof. Dr. Muhammad Samad, Pro-Vice Chancellor (Academic) Prof. Dr. A S M Maksud Kamal and Treasurer Prof. Mamtaz Uddin Ahmed were present on this occasion.



Honorable Prime Minister Sheikh Hasina virtually inaugurated the international conference titled 'Celebrating 100 years of the University of Dhaka: Reflections from the Alumni—International and National' on January 21, 2021 as chief guest marking the centenary of Dhaka University. Presided over by the Vice-Chancellor of Dhaka University Prof. Dr. Md. Akhtaruzzaman the function was addressed by Education Minister Dr. Dipu Moni MP, Eminent Economist Prof. Dr. Rehman Sobhan, Pro-Vice Chancellor (Administration) Prof. Dr. Muhammad Samad, Pro-Vice Chancellor (Academic) Prof. Dr. A S M Maksud Kamal, Treasurer Prof. Mamtaz Uddin Ahmed and the convener of the organizing committee Prof. Dr. Imtiaz Ahmed.



Honorable Prime Minister Sheikh Hasina virtually unveiled the 'Mural of Shaheed Sheikh Russel' and inaugurated the 'Sheikh Russel Bhaban' at University Laboratory School and College as chief guest on October 18, 2020 marking the 57th birth anniversary of Shaheed Sheikh Russel. Presided over by DU VC Prof. Dr. Md. Akhtaruzzaman the function was addressed by Agriculture Minister Dr. Muhammad Abdur Razzaque MP, Education Minister Dr. Dipu Moni MP, and Chairman of Relief and Social Welfare Sub-committee of Bangladesh Awami league's Alhaj A K M Rahmatullah MP.



Dhaka University Vice-Chancellor Prof. Dr. Md. Akhtaruzzaman inaugurated the mural titled 'Bhasha Andolon Theke Mohan Muktijuddha' as chief guest on December 16, 2020 at Dr. Muhammad Shahidullah Hall of the university.



Chairman of Dhaka University Senate and Vice-Chancellor of the University Prof. Dr. Md. Akhtaruzzaman presided over the Annual Senate Session-2020 at the Nabab Nawab Ali Chowdhury Senate Bhaban on July 23, 2020.



The historic Flag Hoisting Day was observed on March 2, 2021 at the historic Battala of Dhaka University. DU Vice-Chancellor Prof. Dr. Md. Akhtaruzzaman was present as chief guest on this occasion.



Dhaka University Vice-Chancellor Prof. Dr. Md. Akhtaruzzaman placed floral wreath at the Central Shaheed Minar in the early hours of Ekushey February 2021.



A virtual discussion meeting titled 'The Importance and Significance of the Historic 7th March Speech of Father of the Nation Bangabandhu Sheikh Mujibur Rahman' was held on March 7, 2021 at Prof. Abdul Matin Chowdhury Virtual Classroom. Dhaka University Vice-Chancellor Prof. Dr. Md. Akhtaruzzaman presided over the program.



Dhaka University Vice-Chancellor Prof. Dr. Md. Akhtaruzzaman paid homage to the martyrs at the Jagannath Hall graveyard on March 25, 2021 marking the 'Genocide Day'.



Dhaka University Vice-Chancellor Prof. Dr. Md. Akhtaruzzaman placed floral wreath at the National Mausoleum in Savar on December 16, 2020 marking the Victory Day.



Dhaka University Vice-Chancellor Prof. Dr. Md. Akhtaruzzaman inaugurated the DU Day programs at Nabab Nawab Ali Chowdhury Senate Bhaban premises on July 01, 2020



Due to Covid-19 pandemic a symbolic 'Mangal Shovajatra' was brought out at the Faculty of Fine Arts of Dhaka University on the occasion of Bangla New Year on April 14, 2021. State Minister for the Ministry of Cultural Affairs K M Khalid and Dhaka University Vice-Chancellor Prof. Dr. Md. Akhtaruzzaman attended it.



Dhaka University Vice-Chancellor Prof. Dr. Md. Akhtaruzzaman presided over a virtual discussion meeting titled 'Life and Activities of Father of the Nation Bangabandhu Sheikh Mujibur Rahman' held at Prof. Abdul Matin Chowdhury Virtual Classroom on August 15, 2020 marking the National Mourning Day.



Dhaka University Vice-Chancellor Prof. Dr. Md. Akhtaruzzaman presided over a discussion meeting at October Smriti Bhaban of Jagannath Hall on October 15, 2020 marking the Dhaka University Mourning Day.



Dhaka University Vice-Chancellor Prof. Dr. Md. Akhtaruzzaman inaugurated the 'Bangabandhu Lecture Series' as chief guest on December 28, 2020 at Prof. Abdul Matin Chowdhury Virtual Classroom. Bangabandhu Sheikh Mujib Research Institute for Peace and Liberty and Center for Advanced Research in Arts and Social Sciences of DU jointly organized this lecture series marking the 'Mujibbarsha'.



Bangabandhu Sheikh Mujib Research Institute for Peace and Liberty and Center for Advanced Research in Arts and Social Sciences of DU jointly organized the second lecture of 'Bangabandhu Lecture Series' on January 26, 2021 at Prof. Abdul Matin Chowdhury Virtual Classroom. Dhaka University Pro-Vice Chancellor (Academic) Prof. Dr. A S M Maksud kamal addressed it as chief guest.



Dhaka University Vice-Chancellor Prof. Dr. Md. Akhtaruzzaman placed floral wreath at the portrait of ‘Bangamata’ in front of Bangamata Sheikh Fazilatunnesa Mujib Hall of Dhaka University on August 8, 2020 marking the 90th birth anniversary of Bangamata Sheikh Fazilatunnesa Mujib.



Dhaka University Vice-Chancellor Prof. Dr. Md. Akhtaruzzaman presided over a virtual discussion meeting held at Prof. Abdul Matin Chowdhury Virtual Classroom on December 14, 2020 marking the Intellectual Martyrs Day.



Dhaka University Dev Centre for Philosophical Studies organized ‘Dev Memorial Lecture’ on February 14, 2021. Dhaka University Vice-Chancellor Prof. Dr. Md. Akhtaruzzaman was connected virtually with it as chief guest.



‘Prof. Bashira Mannan Memorial Lecture’ was held at the auditorium of the Institute of Social Welfare and Research of DU on February 09, 2021. Dhaka University Vice-Chancellor Prof. Dr. Md. Akhtaruzzaman addressed it as chief guest.



A seminar on 'Japanese Experience of Economic Development: Implications to Bangladesh' jointly organized by DU Japanese Studies Department, JICA and Embassy of Japan in Bangladesh was held on March 10, 2021 at Prof. Abdul Matin Chowdhury Virtual Classroom of the university. Dhaka University Vice-Chancellor Prof. Dr. Md. Akhtaruzzaman addressed it as chief guest.



Chairman of HEAL Bangladesh Foundation Mr. S. M. Bakhtiar Alam handed over a cheque for Tk. 10 lac to DU Treasurer Prof. Mamtaz Uddin Ahmed on June 15, 2021 at DU VC's Lounge to set up a new trust fund titled 'HEAL Bangladesh Foundation Trust Fund' at DU. DU VC Prof. Dr. Md. Akhtaruzzaman was present there as chief guest.



Dhaka University Pro-Vice Chancellor (Academic) Prof. Dr. A S M Maksud Kamal inaugurated the 72nd founding anniversary of Dhaka University Alumni Association as chief guest on September 24, 2022.



Satellite Ground Station was inaugurated at the Department of Meteorology of Dhaka University. Vice-Chancellor of DU Prof. Dr. Md. Akhtaruzzaman inaugurated it as the chief guest at a function held on February 11, 2021 on the roof of Mokarram Hussain Khundker Biggan Bhaban of the university.



Dhaka University Vice-Chancellor Prof. Dr. Md. Akhtaruzzaman inaugurated a management software (DUCMC) of Exam Controller Office as chief guest at Prof. Abdul Matin Chowdhury Virtual Classroom on September 20, 2020.



Bangladesh National Cadet Core (BNCC) organized a 10-day long social awareness programs including blood donation marking the Birth Centenary of Father of the Nation Bangabandhu Sheikh Mujibur Rahman. Dhaka University Vice-Chancellor Prof. Dr. Md. Akhtaruzzaman inaugurated these programs as chief guest at 1 BNCC Battalion, Ramna Regiment on January 12, 2021.



Dhaka University Vice-Chancellor Prof. Dr. Md. Akhtaruzzaman as chief guest unveiled a 'Memorial Plaque' at DU Roquya Hall on March 1, 2021 and placed floral wreath at it.



Japanese Ambassador H.E. Ito Naoki called on Dhaka University Vice-Chancellor Prof. Dr. Md. Akhtaruzzaman on October 28, 2020 at the latter's office of the university.



Turkish Ambassador H.E. Mustafa Osman Turan called on Dhaka University Vice-Chancellor Prof. Dr. Md. Akhtaruzzaman on January 06, 2021 at the latter's office of the university.



Indian High Commissioner to Bangladesh H.E. Vikram K Doraiswami called on Dhaka University Vice-Chancellor Prof. Dr. Md. Akhtaruzzaman on October 27, 2020 at the latter's office of the university.



Chairman of North East Advisory Council of Federation of Indian Chambers of Commerce and Industry (FICCI) Ranjit Barthakur called on Dhaka University Vice-Chancellor Prof. Dr. Md. Akhtaruzzaman on March 02, 2021 at the latter's office of the university.



Ms Young Ah Doh, Country Director of Korea International Cooperation Agency (KOICA) called on Dhaka University Vice-Chancellor Prof. Dr. Md. Akhtaruzzaman on March 21, 2021 at the latter's office of the university.

Offices

Registrar Office (1921)

Registrar

Mr. Md. Enamuzzaman (till 30.06.2021)

Registrar (Acting)

Mr. Probir Kumar Sarker (From 01.07.2021)

Education-1

Academic-1 section is one of the important sections of any other section of the registrar's office. The research based highest degrees of the University of Dhaka, especially M.Phil., Ph.D., D.B.A. and the Post Doctoral Programme's admission, registration, re-registration and all other functions are done by this section. This section arranges the meetings of the Board of Advanced Studies for recommendation of admission, registration and various kinds of application of the above said degree's programme. On the recommendation of the Board of Advanced Studies the Academic Council gives the final approval and these are confirmed by the Syndicate.

In the session 2020-2021, 183 (one hundred eighty three) M.Phil. and 189 (one hundred eighty nine) Ph.D. researchers were given registration. In the above session 31 (thirty one) researchers were given registration in the Doctor of Business Administration (D.B.A.) program, in the Faculty of Business Studies and in the Institute of Business Administration.

In the session 2020-2021, 51(fifty one), M. Phil., 81(eighty nine) Ph.D. and 02(two) D.B.A. researchers were awarded degrees by the Academic Council and the Syndicate.

Education-3

The section Education-3 special admission, re-admission and promotion / special examination of students are allowed by the Deans Committee.

16 of Honors, 06 of Masters, 02 of M.Phil and 2 of Ph.D Syllabuses have been approved in 2020-21 session for various Departments, Institutes,

Affiliated and Constituent Colleges. 17 of Honors, 13 of Masters, 3 of M.Phil and 1 of Ph.D Syllabuses have been uploaded online.

In the 2020-2021 academic year the "**Academic Calendar-2021**" has been formulated to collect information and programs from all Departments, Hall, Institutes and various Offices of the University and published in PDF format through the University web site www.du.ac.bd. According to the demand of the University Grants Commission, "**Annual Report-2020**" and "**Handbook : Universities of Bangladesh, 2020**" sent all information in hard and soft copy of the University. According to the demand for the "**Annual Education Survey -2020**" for **BENBAIS**, the information of Dhaka University has been sent. According to the demand of the University Grants Commission of Bangladesh, the information 2020 was provided by the University of Dhaka using UGC Web-based Software HEMIS. Also, the necessary activities for signing the Annual Performance Agreement of 2021-2022 fiscal year have been completed with University Grants Commission of Bangladesh.

Education-4

The section Academic-4, Office of the Registrar is about Trust Fund of this University. This section (Academic-4) arranges Trust Fund Gold Medals, Trust Scholarships, Memorial Lectures, make deeds and documents of the Trust Fund before the Donor and the University. This section organizes cheque handover ceremony to open Trust Fund. This section arranges the meeting to make Deed of Trust between the Donor and the University. The received money from the Donor is deposited (STD) to the concern Bank. After that this section takes necessary action to inform the donor the status of the concern Trust Fund by sending letter with thanks. This section collects result from the office of the Controller and respective Departments or Institutes to provide Gold Medals and Scholarships to the teachers, students and researchers according to the rules of Trust Funds. This section provides the Memorial Lectures, Life time achievements to the researchers according to the approval of the concern authority. This section makes list of the donors of different Trust Funds. During the period of convocation this section takes necessary

action to prepare Gold Medals, Certificates of the Gold Medalists and Crests.

Education-5

Considering the result of Hounours 2018 UGC Scholarship were awarded to 1(one) student from each faculty@ 2000/- per month along with Tk 2000/- for purchase of book; 35 (thirty five) Government Talentpool Scholarships@ 1125/- per month along with Tk 1800/- lumpsum with free tuition; 1875(one thousand eight hundred seventy five) Government General merit scholarships @450/- per month along with Tk 900/- lumpsum with free tuition; 120 (one hundred and twenty) General merit University Undergraduate Scholarship by the University@ 500/- per month with free tuition.

Considering the result of HSC examination of 2019 in session of 2019-2020, students of 417 (four hundred seventeen) Talentpool Scholarships of all board @Tk 825/- per month with Tk 1800/- lumpsum and 1771 (one thousand seven hundred seventy one) General merit Scholarship @ Tk 375/- per month and Tk 750/- lumpsum have been distributed. Such types of Govt. Scholarships is renewable in 4th year.

University Undergraduate Scholarship:-Considering the result of HSC examination of 2019 in the 1st year honours class, two students of each department were awarded@ Tk 320/- per month along with free tuition per year, which is renewable for 3rd and Considering the result of 2nd year annual examination of the same year two students of each department were awarded@ Tk 320/- per month with free tuition for one year, which is renewable in 4th year.

In session 2020-2021, 100 BNCC students were awarded@ tk 200/- with free tuition, 2020-2021 session, 50 Rover students and 50 Ranger were awarded with free tuition@ tk 200/- per month for one year and other rover and rangers get free from tuition fees only. in this 2020-2021 session 54 blind undergraduate students have been awarded stipend@ Tk. 1200/- and post Graduate Scholarships of 04 blind student were awarded@ Tk. 1500/- per month. In session 2020-2021, 15 physically disable

Undergraduate students have been awarded @ 750/- and Post Graduate Scholarships of 02 physical disability students were awarded @ 1000/- were distributed. Tk. 5,25,000.00 of Hall stipends of the session of 2019-2020 were distributed.

Considering the result of 1st year honours in 2017-2018 session, Sumitamo Corporation have awarded 40 students (newly 10 & renewed 30) @ \$300 per student. Mitsubishi UFJ Foundation Scholarship have awarded 30 students Considering their result of 3rd & 4th year honours in 2019-2020 session @ \$250 per student.

Administration-1

Administration-1 has carried out the following works relevant to the teachers of this University:

1. To initiate creation of posts in different categories such as Lecturer, Assistant Professor, Associate Professor, Professor.
2. Appointment of teacher, Promotion, Selection Grade-1, Grade-2, Teacher's LPR related work, confirmations, study leave and all kinds of NOC relevant to the teachers.
3. According to the requirement of Govt. U.G.C. and different recognition University information are provided with permission to the authority of the University.
4. Total number of teachers are 1968 during the session of 2020-2021, number of vacant posts are 255, recruitment of teachers 35, study leave for higher studies 345, extraordinary leave for service 09, LPR 37 and retirement of teachers 35 in this session.

Administration-3

32 teachers from different department and institutes of the university went abroad to study in different universities for pursuing PhD and Masters under 'Bangabandhu Overseas Scholarship'. To attend various seminar, symposium, conference, meeting, Social work etc. 126 teachers and 09

Officers have been granted duty leave. Under the financial assistance of UGC 84 different research projects proposal have approved by the University authority. To enhance higher education and research 06 MoU have been signed with different Universities/Institutions in home and abroad. Dhaka University Day, National Mourning Day, University Mourning Day, Martyred Intellectual Day, Victory Day, International Mother Language Day, Father of the Nation Bangabandhu Sheikh Mujibur Rahman's Birth anniversary and National Children's Day, Independence Day, Mujib Nagar Day, Pohela Boishakh, Birth and Death Anniversary of National Poet Kazi Nazrul Islam and Birth Anniversary of Kobi Guru Rabindranath Tagore were celebrated.

Administration-8

64(Sixty four) 3rd Class employee posts have been created in the session of 2020-2021. Now total approved post of the 3rd Class employee of various categories University of Dhaka are 1350 (one thousand three hundred and Fifty). In this session 51 3rd Class employee recruitment notice have been Advertise & 21 3rd Class employee were recruited. 191(One hundred and ninety one) have promoted. 38(Thirty eight) employee in L.P.R in this session. 38(Thirty eight) retired employee also have granted money in this session.

Administration-9

Administration-9 Section of the office of the Registrar performed varieties of works relating to all 4th class employees of the University of Dhaka. Major activities of this section are-

- Create posts for different categories of all the Department's and offices.
- Approval to fill up the Vacant post and published through the internal advertisement.

- Preserving personal files and update the files regularly to those who works under the office of the Vice Chancellor, the Pro- Vice Chancellor's, the Treasurer and the Registrar.
- Write office note's for approval relating to promotion, higher step of scale, Recreation Leave (Casual leave, earn leave, medical leave maternity leave etc.).
- works noting to L.P.R, retirement, voluntary retirement and granting one-time financial benefits instead of leaves.
- To provide information to the UGC, different ministries, Universities and election commission as per their requirements and such other works as may be assigned by the authorities of the University and the Registrar.

Despatch Section

The Despatch Section of the registrar's office is a very important branch. Despatch Section is the branch responsible for exchanging all types of correspondence including faculties, departments, institutes and halls of Dhaka University. Some of the other important responsibilities of this branch are: Issuing issue numbers of all correspondence of the Registrar's Office, letters of admission of students, letters of registration, letters of various affiliated colleges, letters of Board of Advanced Studies meeting and invited guests such as President, Prime Minister, Ministers, Opposition Leader. Letters from donor agencies, diplomatic missions, various government / non-government organizations, various university events such as the letter of 21st February / letter of convocation / letter of trust fund are sent with utmost importance; All administrative orders of the university are cycled style from here; All appointment letters, joining letters and confidential letters are delivered to the appropriate person; All notices, agendas, agenda, agenda of meetings of Senate, Syndicate, Academic Council and Finance Committee are conveyed to the concerned office and members.

Dhaka University Library (1921)

In 2020-21 academic session, procurement of 3,500 local and foreign books for academic departments of the University is going on. A total of 231 copies of books on Bangabandhu, Liberation war and Language Movement were purchased for Liberation War Cell of University Library from Amar Ekushay Book Fair-2021 organized by Bangla Academy. A total of 178 copies of complementary book from government & non-government organization, reputed organizations and reknowned persons has also been added to the collection of the library. Besides these, 3 local, 4 foreign magazines and 10 periodicals were also collected from local sources. Through Library Consortium of Bangladesh (LiCoB) more than 23,000 e-journals and e-books of 23 publishers were also procured. Like previous academic sessions, subscriptions of Oxford Art Online for Faculty of Fine Arts, SciFinder for Chemistry, Pharmacy and alike departments, Manupatra Online Legal Resource Database and HeinOnline Academic Core Collection and Max Planck Encyclopedia of Comparative Constitutional Law, Oxford for Faculty of Law, Refinitiv EIKON for Faculty of Business Studies, Turnitin software for the similarity check of research work & scholarly documents, EZproxy for accessing subscribed e-resources from outside of the campus have been continued.

In 2020-21 academic session, one Bengali, Sanskrit & Persian manuscript have been deciphered, translated & edited from preserved manuscripts of Dhaka University Library. One edited Persian & two edited Sanskrit manuscripts have been published in book form. They are:

1. Profesor Abul Kalam Sarker & visiting professor Qazem Kahduyi of Department of Persian Language & Culture, University of Dhaka, *Dewan-e-Ubaydi*, Dhaka University Library, Dhaka, October, 2020
2. Professor Dulal Kanti Bhoumik & Associate Professor Sanchita Guha department of Sanskrit University of Dhaka, *Baikuntho Bijoy & Saraswata-Britti-Panjika (probbaboti) Stri Prattoy Bibechon*, Dhaka University Library, Dhaka, March, 2021.

About 15,707 pages of preserved manuscripts have been digitized and 23,804 digitized pages of manuscripts have been edited. About 1000 pages vulnerable manuscripts have been laminated. In 2020-21 academic session, 14,92,614 exposures of Microfilms & Microfiches were digitized. In this academic session, data entry of 148 books and data editing of 1802 books, barcode labeling 219 books spine labeling 918 books have been completed for pursuing the advancement of books circulation in automated way. Preservation of intership report, MPhil & PhD theses and research work of university teachers were

continued in Dhaka University Institutional Repository. Furthermore, the numbers of 27 MPhil & 55 PhD theses were preserved in Dhaka University Institutional Repository of 2020-21 academic session.

Like previous academic sessions, digital services of Dhaka University Library i.e. Library website (<http://www.library.du.ac.bd>), Library automation softwares namely DULIS (Dhaka University Library Integrated System) Software & KOHA Software (<http://catalog.library.du.ac.bd>) for circulation, searching, acquisition, processing, Dhaka University Institutional Repository (<http://repository.library.du.ac.bd>) for preserving intership report, MPhil & PhD theses and research work of university teachers, Dhaka University Online Journal System (<http://journal.library.du.ac.bd>), Subscribed e-resources (<http://www.library.du.ac.bd/content/e-books-0>), EZproxy for accessing subscribe e-resources outside from campus. Very recent Dhaka University Library has been formed a new section named Information Technology for providing library's digital service in an organized way.

Accounts Office (1921/1969)

Dhaka University Fund

The 2020-2021 financial year of Dhaka University began with Tk. 5,050.00 Crore deficit fund. In this financial year, actual income and expenditure were Tk. 74,204.40 lac and Tk. 74,365.57 lac respectively. Tk. 161.17 lac deficit stood after whole year's financial transactions.

Revenue Income (Actual) (2020-2021)

Sources of income	Amount (Tk. in lac)
1. Grants from UGC	– 67,343.50
2. Income from sale of admission forms (1 st year Hons)	– 1,974.88
3. Miscellaneous Income (fees from students, income from 7 colleges and others) –	4,886.06
	Total = 74,204.40

Expenditure (Actual) (2020-2021)

Heads of Expenditure	Amount (Tk. in lac)
1. Salary	25,032.80
2. Allowances	20,172.36
3. Goods & services	8,569.76
4. Pension and retirement benefits	13,294.57
5. Research Grant	381.39
6. Other Grant	1,837.24
7. Capital Grant	123.77
8. Equipments Grant	205.94
9. Transport	11.02
10. ICT and Instruments	758.37
11. Commitment cost	3,978.35
	Total = 74,365.57

Engineering Office (1921)

The following Engineers & Officers were on duties in the office of the Chief Engineer during 2020-2021 session.

In the office of the Chief Engineer- Chief Engineer (Acting); (1) Mr. A. K. Afzalul Haque & Chief Engineer (Acting), (2) Mr. Abul Kalam Sikder, Superintending Engineer (Circle-2); (3) Mr. Abul Kalam Sikder, Superintending Engineer (Elec.); (4) Mr. Md. Lutfor Rahman, Superintending Engineer (Elec. Zone-1); (5) Mr. Md. Lutfor Rahman, Superintending Engineer (Circle-1); (6) Mr. Kazi Md. Akram Hossain, Superintending Engineer (Estimate Division) (7) Mr. A K M Mahabub Mostafa PEng., Superintending Engineer (Elec. Zone-2); (8) Mr. A.K.M. Abu Musa Chowdhury, Superintending Engineer (Zone-3); (9) Mr. Md. Moin Uddin, Deputy Director (Accounts); (10) Mr. Md. Golam Sarwar, Deputy Director (Admn.); (11) Mr. Tariq Mohammad Ali, Principal Technical Officer; (12) Mr. Md. Nurul Islam & Principal Technical Officer Mr. Habib Rahmat Ullah.

Executive Engineer

(1) Mr. Md. Gias Uddin Ahmed (Civil); (2) Mr. Md. Mirazul Huda (Civil); (3) Mr. Md. Ahsan Habib (Main.); (4) Mr. Md. Maraj Uddin (Civil); (5) Mr. Md. Salim Sarif (Civil) & Mr. Md. Abdul Mannan (Civil); (6) Mr. Md. Anisur Rahman (Civil); (7) Mr. Mohammad Ibrahim (Civil); (8) Mr. Khaledur Rahman Chowdhury (Elec.)

Assistant Director

(1) Mr. Muhammad Mustafizur Rahman (Admn.); (2) Mr. A K M Mahabubul Alam (Accounts); (3) Mr. Muhammad Alamgir Hossain (Accounts); (4) Mr. Md. Ismail Khan, Mr. Mohammad Abdul Hai; (5) Mr. Md. Harun or Rashid Patwary & Chowdhury Farid Ahmed.

Senior Technical Officer

(1) Mr. Md. Abdul Quiyum Khan; (2) Mr. Md. Altaf Hossain; (3) Mr. Md. Khalilur Rahman; (5) Mr. Md. Jasim Uddin; (6) Mr. Md. Earsad Hossain Bhuiyan; (7) Mr. Ananda Kumar (Elec.) (8) Mr. Md. Imrul Hasan; (9) Mr. S. M. Aminul Islam (Elec.).

Assistant Engineer

(1) Mr. Md. Abu Saleh; (2) Mr. Pritom Datta; (3) Mr. Md. Badiul Alam Bhuiyan; (4) Mr. Mohammad Shakwat Hossain; (5) Mr. Md. Rezaul Karim; (6) Mr. Md. Monir Hossain (Elec.).

Technical Officer

(1) Mr. Mohammad Maruf Hasan; (2) Mrs. Ferdowsy Jannat; (3) Mr. Md. Fazlur Rahman; (4) Mr. Md. Abdul Mannan Sarker; (5) Mr. Shakhawat Hossain; (6) Mr. Md. Shah Alam Bhuiyan; (7) Mr. Muhammad Ali Foraji; (8) Mr. Md. Shariful Islam; (10) Mr. Mohammad Wali Uddin.

Section Officer

(1) Mr. Md. Khalilur Rahman Khan; (2) Mr. Md. Reazaul Islam; (3) Mr. Mohammad Nizam Uddin.

Sub-Assistant Engineer

(1) Mr. B.M. Golam Mostafa; (2) Mr. Joynto Misra (Elec.); (3) Mr. Md. Nazrul Islam Chowdhury; (4) Mr. Md. Mirajul Islam; (5) Mr. Md. Sarwar Hossain; (6) Mr. Md. Rohan Habib (Contract Basis).

A) Particulars of the development & repair works which is completed under supervision of Engineering Section, session 01/07/2020 to 30/06/2021 from the Development Fund.

1. Construction of R.C.C. Internal Road (Including covering open space) and providing internal sewerage line of Santosh Chandra Bhattacharya Bhaban at Jagannath Hall, University of Dhaka.
2. Supply of Furniture for Library at Department of Disaster Science & Management, University of Dhaka.
3. Supply of Furniture for Geotechnical Lab. at Department of Disaster Science & Management, University of Dhaka.
4. Construction of semi pacca reading rooms at Muktijoddha Zaiaur Rahman Hall, University of Dhaka.
5. Establishment of Cylinder Reticulation System for gas connection at Shaheed Sheikh Russell Tower Building, University of Dhaka.
6. Vertical Extension of Existing 3 No. 5 Stops Lift at Mukarrom Hossain Khandoker Biggan Bhaban, University of Dhaka.
7. Vertical Extension of Existing 1 No. 6 Stop Lift from 6th to 11th Floor of Social Science Bhaban, University of Dhaka.
8. Supplying, Installing, Testing and Commissioning of New Air Coolers instead of old unserviceable Air Coolers of Nabab Nowab Ali Chowdhury Senate Bhaban, University of Dhaka.
9. Supply of Furniture of Teachers Lounge and meeting room at 4th floor, Lecture Theatre Building at Faculty of Arts, University of Dhaka.
10. Supplying, Installing, Testing & Commissioning of 1 (One) No 1000 Kgs 10-stops passenger lift for Science Complex Building, University of Dhaka.
11. Supplying, Installing, Testing & Commissioning of 300 KVA emergency Generator (1 set) including necessary L. T. Cable for Science Complex Building, University of Dhaka.

B) Particulars of the development & repair works which is completed under supervision of Engineering Section, session 01/07/2020 to 30/06/2021 from the Revenue Fund.

1. Repair & Painting of floor, ceiling & wall of emergency Staff Quarters (1 storeid building) near Honourable Vice Chancellor Bungalow, University of Dhaka.
2. Repair of Internal Road South Fuller Road Residential Area, University of Dhaka.
3. Providing door and steel ventilator with sanitary goods of bath and toilet portion of Honours Bhaban at Shamsunnahar Hall, University of Dhaka.
4. Separation of water connection of bathrooms in 4 blocks and painting with necessary repairs of Bijoy Ekattar Hall, University of Dhaka.
5. Repair doors and windows of different students rooms of Salimullah Muslim Hall, University of Dhaka.
6. Repair & renovation of Canteen, Semi pacca Tin Shed & Hand Wash Room at Fazlul Huq Muslim Hall, University of Dhaka.
7. Repair & painting of ground floor to 2nd floor with repair of broken slab at east, west & north side main building Dr. Mohammad Shahidullah Hall, University of Dhaka.
8. Repair & painting of ground floor to 2nd floor with repair of broken Toilet & celing column at east and west side main building Dr. Mohammad Shahidullah Hall, University of Dhaka.
9. Repair & renovation of road of around lawn at Hazi Mohammad Mohsin Hall, University of Dhaka.
10. Construction of cycle stand for student of Dr. Mohammad Shahidullah Hall, University of Dhaka.
11. Replace 4 concrete bench (8'×2') on open stage and paved around stage (16'-9'×12'-9') at Muktijudda Ziaur Rahman Hall, University of Dhaka.
12. Repair & renovation works of 2nd Floor of Shaheed Aaur Rahman Khadim Bhaban (Extension Bhaban-2) at Dr. Muhammad Shahidulla Hall, University of Dhaka.
13. Repair & painting of south and east side boundary wall at Banghamata Sheikh Fajilatun Nesa Mujib Hall, University of Dhaka.
14. Construction of Semi pacca structure Reading Room at Muktijoddha Ziaur Rahman Hall, University of Dhaka.
15. Repair works of 25 rooms at Sir P.J Hartog International Hall, University of Dhaka.
16. Repair of gas stove & floor mosaic of dining kitchen, RCC self fitting at canteen kitchen with reapiir of window at Kabi Jasim Uddin Hall, University of Dhaka.
17. Repair of perapet wall with ferrocement work and painting of outside wall on the ceiling at Shamsun Nahar Hall Office, University of Dhaka.
18. Fixing tiles on floor and wall at Salimullah Muslim Hall Canteen, University of Dhaka.
19. Supplying sanitary materials with necessary repair of Provost Bungalow at Amar Ekushey Hall, University of Dhaka.
20. Tiles works of 10 (Ten) Nos. Bath Room at Kabi Jasim Uddin Hall, University of Dhaka
21. Replace tin and wood of tinshed celing at Shaheed St. Zahurul Huq Hall ,University of Dhaka.
22. Repair, painting and fixing barbed ware on boundary wall of Provost Bungalow, east side boundary wall of Residential Teacher Building and north & east side boundary wall of play ground at Sir A.F Rahman Hall, University of Dhaka.
23. Painting of outside and ground floor lobby at Institute of Nutirtion & Food Science, University of Dhaka.
24. Necessary repair and construction RCC west side road with in the boundary at Institute of Education & Research, University of Dhaka.
25. Repair and renovation of 403-No lab of south-east side at north block and adjacent teachers room of 3rd floor at Mukkarram Hussain Khondakar Biggan Bhaban, University of Dhaka.
26. Construction of internel RCC road and car parking area at Institute of Modern Language, University of Dhaka.

27. Repair and renovation of 207 & 209 no rooms of Department of Chemistry at Mukkarram Hussain Khondakar Biggan Bhaban, University of Dhaka.
28. Inside repair & renovation from ground floor to 2nd floor at Center for Advanced Research in Arts & Social Sciences (CARASS), University of Dhaka.
29. Repair & renovation works to the workshop at Institute of Leather Engineering and Technology, University of Dhaka.
30. Construction of RCC Road in front of new building of Biochemistry and Molecular Biology Department, University of Dhaka.
31. Repair & Renovation works of Roof Slab & Inside at Arts Building Cafeteria, University of Dhaka.
32. Construction of RCC Road in front of Geology Department, University of Dhaka.
33. Renovation & painting of outside part of Department of Zoology, University of Dhaka.
34. Construction a new net house and orkid house at Botanical garden of Department of Botany, University of Dhaka.
35. Construction of 4 toilet at defferent floor of Central Library, University of Dhaka.
36. Supply sanitray materials with necessary reapir of bathroom of guest house rooms at Physical Education Center, University of Dhaka.
37. Repair of internal drainage systems (infront club building to kitchen and lawn tenis ground) of University Club, University of Dhaka.
38. Construction of sick room at ground floor and renovation of 1st & 2nd floor toilet of Curzon Hall Examination Center, University of Dhaka.
39. Repair of RCC pillar and replace sewerge line pipe of noth building both side at Kabi Jasim Uddin Hall, University of Dhaka.
40. Renovation of drain, aprone & manhole and usefull of abandoned place for student behind north building at Surja Sen Hall, University of Dhaka.
41. Re-construction of sewerage line of north side at Shahid Professor Anowar Pasa Building, University of Dhaka.

42. Repair/renovation with tiles fitting, painting and supply of sanitary materials at floor toilet at ground floor of Curzon Hall Examination Center, University of Dhaka.
43. Fitting and fixing long pan, basin & water line at main building, Sir A.F Rahman Hall, University of Dhaka.
44. Repair drain of No-45 residential teachers quarter to Lominus mass & north side bachelor quarter, University of Dhaka.
45. Supply 60 table & 60 armless chair of mehgoni wood for use student room at Surja Sen Hall, University of Dhaka.
46. Supply of 35 Armeless Chair, 35 Reading Table & 35 Steel bed for student of Shahid Sergeant Zahurul Huq Hall, University of Dhaka.
47. Supply 200 chair of Mehgoni wood for TV room at Jatir Janok Banghabandhu Seikh Mujibur Rahman Hall, University of Dhaka.
48. Supply 200 steel frame chair for auditorium at Sir A.F Rahman Hall, University of Dhaka.
49. Supply 100 reading table of mehgoni wood for use students room at Jatir Janok Banghabandhu Seikh Mujibur Rahman Hall, University of Dhaka.
50. Supply 100 MS steel frame bed for use of students room at Jatir Janok Banghabandhu Seikh Mujibur Rahman Hall, University of Dhaka.
51. Re-Construction of RCC Road from Sir P.J. Hartog International Hall Sub-Station to Corner of Surja Sen Hall, University of Dhaka.
52. Repair & renovation works to the carpeting road from east side corner of University Laboratory School to north corner of Administrative Building, University of Dhaka.
53. Repair, Mosiac Wash and painting of kitchen & bathrooms from ground floor to 5th floor at Banghamata Sheikh Fazilatun Nessa Mujib Hall, University of Dhaka.
54. Repair works of Inside Road & Floor Tiles of Guard Room at Bangamata Sheikh Fazilatunnessa Mujib Hall, University of Dhaka.
55. Providing Security Fencing Grill Back of Hedge, Botanical Garden, Curzon Hall Area, University of Dhaka.

56. Repair Works of Curzon Hall Area Carpeting Road, University of Dhaka.
57. Vertical Extension Works of Central Play Ground's Boundary Wall (East and west Side), Physical Education Center, University of Dhaka.
58. Construction of Under Ground Water Reservoir Nearest of the South site water pump at Surja Sen Hall, University of Dhaka.
59. Supplying Furniture for a Classroom at Department of Biomedical Physics, University of Dhaka.
60. Supply 50 desk table & 100 chair of Garzon wood at Curzon Hall Examination Centre, University of Dhaka.
61. Supplying of 2 Nos 60 HP and 2 Nos 50 HP total 4 Nos Submersible pump motor set with 01 No motor Control panel for 10 Nos deep tubewell of Different place of Dhaka University.
62. Supply and installation of main cable for Submersible pump motor of installed 10 different places deep tubewell in University of Dhaka.
63. Purchasing & Supplying of most essential spare parts for maintaining different pump motor and 4" & 6" dia Water Line in University of Dhaka.
64. Providing & fixing of 4 sets 10 HP centrifugal Water Pump motor for lifting water at different places reserver to over head tank University of Dhaka.
65. Supplying and installation works for 8 Nos New window type aircooler replacing damaged aircooler at the Arts Building teachers lounge in University of Dhaka.
66. Purchase of essential spare parts for repairing different pump motor and 4 inch & 6 inch dia water line, University of Dhaka.
67. Replacement works for the old damaged unservicable Vacuum Circuit Breaker (VCB) for the center for Advanced Research in sciences (CARS)
68. Replacement works for 6 Nos faulty voltage stabilizer in different Academic and Resedancial building lifts, at University of Dhaka
69. Supplying and installation works of a 30 KVA Generator for use in the lift installed Provost Complex, University of Dhaka.

70. Replacement works for 3 damaged HT Miter at Social Science Faculty Building, IBA Hostel at Green Road and Institute of Leather Engineering and Technology.
71. Replacement works for the old damaged LBS and PFI plant at the Katabon Market Sub-Station.
72. Replacement works for the damaged HT switchgear (LBS) of different Hall and Residential Building of Electrical (Zone-1), University of Dhaka.
73. Purchasing of two Transformer for Isha Khan Road and North Nilkhet Residential Area, University of Dhaka.
74. Supplying, installing, testing & commiossing of 03 Nos Automatic Rescue Device Set (ARD) for Arts Building, Senate Bhaban and Business Studies Bhaban University of Dhaka.
75. Fortnightly checking and monthly servicing of 25 Nos Lift of Group-A installed in different building, University of Dhaka, for the session 2020-2021.
76. Fortnightly checking and monthly servicing of 24 Nos Lift of Group-B installed in different building, University of Dhaka, for the session 2020-2021.

Shahid Buddhijibe Dr. Muhammad Mortaza Medical Centre (1924)

The session 2020-2021 was during the Covid-19 pandemic. The classes were suspended or held virtually, Halls were vacant. There were several periods of lockdown. Medical Centre also provided limited service. First three months of the session Shahid Buddhijibe Dr. Muhammad Mortaza Medical Centre worked with limited capacity physically and the rest was by telemedicine.

The following doctors, officers and other employees were on duty in the Shahid Buddhijibe Dr. Muhammad Mortaza Medical Centre during the session 2020-2021.

- (1) Dr. Sarwar Jahan Muktafi, MBBS, MS (Ophth)-Chief Medical Officer (Acting);
- (2) Dr. Hafeza Zaman-MBBS, MPH-Senior Medical Officer;
- (3) Dr. S.M. Shamima Parvin, BDS-Senior Medical Officer (Dental);
- (4) Dr.

Razia Rahman, MBBS-Senior Medical Officer; (5) Dr. Noor Mohammad, MBBS, D.Ortho, MS (Ortho)-Senior Medical Officer; (6) Dr. Mohammad Tanvir Ali, MBBS, MPH, DMU-Senior Medical Officer; (7) Dr. Mohammad Salah Uddin, MBBS, DDV, FCPS-Senior Medical Officer; (8) Dr. A.M. Sazzad Hossan, MBBS, DCH, MPH-Senior Medical Officer; (9) Dr. Sharif Qamar Uddin, MBBS, MD(Nephrology)-Senior Medical Officer; (10) Dr. Md. Arifur Reza Sikder, MBBS-Senior Medical Officer; (11) Dr. Ferdousi Purabi Chowdhury, MBBS, MPH-Senior Medical Officer; (12) Dr. Nargis Fatema, MBBS, D.C.P (path), M.Phil (Nutrition)-Senior Medical Officer; (13) Dr. Mohammad Jamil Ahmod Shahedy, MBBS-Senior Medical Officer; (14) Dr. Rathindra Nath Sarker, BDS, MPH-Senior Medical Officer (Dental) (15) Dr. Sayed-Al-Amin Anhar, MBBS, MPH-Senior Medical Officer; (16) Dr. Shamima Parvin, MBBS-Senior Medical Officer (17) Dr. Mahbuba Akter, MBBS, DGO, MCPS, DMU-Medical Officer; (18) Dr. Mohammaed Shariful Islam, MBBS, MPH-Medical Officer; (19) Dr. Shafkat Hasan Jami, MBBS, DDV, Medical Officer; (20) Dr. Md. Jakir Hossain, MBBS (DMC) D.U, DCO(ICO)CU-Medical Officer (Eye); (21) Dr. Md. Marzan kabir, MBBS-Medical Officer; (22) Dr. Avijit Roy, MBBS-Assistant Medical Officer. one part-time Medical Officer, one part-time Radiologist, one part-time ENT Specialist, one part-time Cardiologist, one full time Physiotherapist (male) and 3 Principal Technical Officers. 6 Senior Technical Officers, 1 Senior Store Officer, 1 Senior Pharmaceutical Officer, 5 Technical Officers, 1 Store Officer, 1 Male Nurse were also on duty.

(1) Dr. Abdur Razzaque Talukder, DHMS, BHMS, MBA-Senior Medical Officer; (2) Dr. Md. Aman Ullah, DHMS, BHMS, MBA-Senior Medical Officer; (3) Dr. Md. Abdul Aziz Bhuiyan, BHMS, DHMS, MPH-Senior Medical Officer; (4) Dr. Md. Enayetur Rahman Bhuiyan, BSS (Hon's), MSS (D.U), DHMS-Medical Officer; (5) Dr. Md. Abu Taleb Mollah, DHMS-Medical Officer; (6) Dr. Md. Nazrul Islam, BHMS-Medical Officer; (7) Dr. Rubaida Akter, B.Pharm, M.Pharm, DHMS-Homoeo Assistant Medical Officer; (8) Dr. Meherin Parash, BHMS-Homoeo Assistant Medical Officer were on duty in the Homoeopathic unit of the Medical Centre 5,262 patients were provided treatment in the Homoeo unit in this session.

About 11,000 patients including students, teachers, staff and their family members were provided treatment in the Medical Centre in the session 2020-2021.

Medical Centre remains open for 24 hours a day and seven days a week including all holidays. On holidays doctors and associated medical staff work according to the roster schedule. There is a full furnished duty room for the night doctors.

Members of the University family enjoy pathological investigation facilities free of cost. In the said session 3,730 pathological tests were done of which 1,512 were different types of blood tests (Hematology), 300 were stool tests, 53 were urine analysis and 1,865 were different biochemical tests.

In the same session 137 X-rays were done, of which 32 chest, 27 hand, 34 foot, 23 knee, 8 neck, 13 cervical.

Dental Section provided services to 1014 patients (Gingivitis, Pericoronitis, Infected Pulpitis, Periodontitis, Periodontal Abscess, Impacted tooth etc). Treatment were given such as extraction 335 patients included children patients, scaling 215 patients, all types of filling 342 patients, others treatment 92 patients were done on 2020-2021.

In the eye section refraction and treatment of common eye diseases were done. About 480 patients attended in the said session.

One part-time Cardiologist and one Senior Technical Officer served in the Cardiology section. This year 30 ECG were done. 42 Cardiology patients were seen in the said session.

One part-time Medical Officer (ENT) served in the ENT section. About 132 patients were seen in the said session.

Nursing station remains open 24 hours a day. 1,200 patients were provided with the nursing services and 162 were Nebulized in the said session.

Students, teachers, officers and other employees were encouraged to use the existing medical recording system. 4 new health cards were issued to the said session. Health cards keep a record of Medical treatment and investigations and were found to be very useful.

Medical Centre has four ambulances. 24 hours ambulance service is provided for emergency and referred patients to different hospitals in the city. Two ambulances provide service in each shift and four drivers worked according to their duty roster.

One Physiotherapist (male) worked as full time.

Proctor Office (1925)

Proctor

Professor Dr. A K M Golam Rabbani

Assistant Proctor

(1) Mr. Abu Hossen Muhammad Ahsan (Faculty of Social Science); (2) Dr. Md. Abdur Rahim (Faculty of Arts); (3) Dr. Litan Kumar Shaha (Faculty of Science); (4) Mr. Md. Nazir Hossen Khan (Faculty of Fine Arts); (5) Professor Dr. Mohammad Badruzzaman Bhuiyan (Faculty of Business Studies); (6) Dr. Sima Islam (Faculty of Fine Arts); (7) Professor Dr. Mohammad Mahbubur Rahaman (Institute of Education and Research); (8) Dr. Md. Abdul Muhit (Faculty of Pharmacy); (9) Dr. Anwar Hossen (Faculty of Biological and Science); (10) Dr. M L Palash (Faculty of Engineering and Technology); (11) Mr. A B M Asrafuzzaman (Law Faculty).

Duties and responsibilities carried out by the Proctorial Body:

Related to discipline and security of the university

- a. In the 2020-2021 academic year, the proctorial team played and was praised for maintaining law and order in the university by coordinating relationships with the teachers, officers, and especially with the law enforcement agencies.
- b. In the 2020-2021 academic year, combined with the security guards, the proctorial mobile team served day and night to ensure the university's security. As a result, Dhaka University was free from unlawful activities such as floating shops,

- looting, peddlers, and drugs. Students, teachers, and employees could move freely within the campus and get various services from the mobile teams on numerous occasions.
- c. Occasionally outsiders bring cars to the university campus and try to learn to drive. This year, about 10 (ten) people were arrested and handed over to the police, and everyone was discouraged from doing so.
- d. In addition, about 20 (twenty) outsiders of different ages were handed over to the police to take legal action against drug addiction. This measure is a continuous process, taking various steps to stop any illegal activities, especially drug addictions.
- e. The proctor, proctorial body, and proctorial mobile team cooperated in various activities, including university examinations and scheduled examinations.
- f. The proctorial mobile team handed over 45 thieves from different halls of Dhaka University, VC Chattar, ShahidMinar, and other areas of the campus to the police from 01/08/2020 to 30/06/2021.
- g. Several outsiders have been handed over to the police after raids on drug addicts from the Dhaka University campus. Recently, in residential areas, especially on Fuller Road, the number of outdoor motorcyclists has increased and created a scary situation for riding motorcycles at high speeds. To take action against them, the proctor's office's security team regularly announced with hand-mikes, set up check posts in collaboration with the police, and drove them away from the campus.
- h. The proctor, proctorial body, and proctorial mobile team cooperated in various activities, including university examinations and scheduled examinations.
- i. The proctorial mobile team handed over 45 thieves from different halls of Dhaka University, VC Chattar, ShahidMinar, and other areas of the campus to the police from 01/08/2020 to 30/06/2021.

- j. Several people have been handed over to the police after raids on drug-addicted outsiders from the Dhaka University campus. In many residential areas, including Fuller Road, the number of outdoor motorcyclists has increased, creating a scary situation by riding motorcycles at high speeds. To take action against them, the security team of the proctor's office announced with hand-mikes every day, set up check posts in collaboration with the police, and drove the destroyers from the campus.
- k. The proctorial security team provided security in various procession meetings and human chains. In other movements, the proctorial team played a unique role in maintaining peace and order.
- l. In case of an accident on the university campus, the mobile security team immediately rushed to the spot and solved it with the help of the police. Approximately 04 (four) vehicles and 10 (ten) motorcycles were handed over to the police for illegal parking and driving on campus. When motorcycles were parked illegally on campus, the mobile security team regularly chained them and informed law enforcement agencies.
- m. The proctorial security mobile team with security guards has been strengthening services and security on campus 24 hours a day. As a result of the introduction of this team, the campus is now free from various illegal activities.

Assistance in conducting various events

- a. The members of the proctorial team were in charge of 10 (ten) sub-committees, including the central coordinating committee formed for the celebration of Amar Ekushey in February 2021. The proctorial mobile team actively participates and cooperates in the overall work.
- b. In the academic year 2020-2021, measures were taken by the proctorial body to deploy police 18 (sixteen) times to ensure the smooth functioning of various offices and organizations inside Dhaka University.

- c. During the Bengali and English new year celebrations, the members of the proctorial body, in consultation with the university's active student organizations, played an important role in ensuring proper security on the Dhaka University campus. However, due to the risk to health and life in the Covid-19 situation, it was not possible to organize any MangalShobhajatra under the leadership of the Faculty of Fine Arts on the campus of Dhaka University on the occasion of Bengali New Year 1428 and PohelaBoishakh.
- d. Dhaka University undertook various programs on the occasion of the golden jubilee of great independence. The proctorial body and proctorial mobile team provided adequate support for the successful completion of the event.
- e. The proctorial body played a crucial role in the birth centenary celebrations of Father of the Nation Bangabandhu Sheikh Mujibur Rahman.
- f. On the occasion of the birth centenary of Dhaka University, the university authority organized various programs from 01 December to 16 December. The proctorial body and proctorial mobile team provided round-the-clock service to ensure the smooth running of the event.
- g. The proctor and proctorial body also supported the teachers and students on various issues arising off-campus and in different parts of the country.
- h. The proctorial body and proctorial mobile team participated in the events organized by the university authority on Independence Day, Victory Day, National Mourning Day, and all national events and provided all the necessary support.

Regarding teacher-student, officer-employee

- a. One meeting of the Disciplinary Council was held to punish the students for misbehaving in various examinations of Dhaka University and for their anti-disciplinary behavior. In that meeting, 42 students were given examination +1, 64 students were given examination +2, and 25 students were

given examination +3 years. 05 students were permanently expelled due to misconduct in the examination.

- b. In the 2020-2021 academic year, no case was registered in the concerned police station due to threats to teachers, students, officers, and employees but measures were taken to make 03 (three) GDs.
- c. The proctorial mobile team provides day and night services to the students who suddenly fall into sickness in the halls, classrooms, and campuses of Dhaka University by taking them to the nearest medical center.

Special duties during the COVID-19 pandemic

- a. Due to the outbreak of the deadly Corona (Covid-19) in different parts of the country, including Dhaka, from mid-March 2020, the classroom-based direct education activities of Dhaka University had to be stopped. Gradually, the global epidemic of Corona increased, and its spread became a severe threat to public health and life. Even in that situation, the proctorial mobile team and the proctorial body continued their round-the-clock duties and activities 24 hours a day to provide security and services to the campus.
- b. To prevent the spread of the coronavirus, awareness campaigns were conducted through hand mikes on the campus to ensure proper compliance with the hygiene and etiquette of the Ministry of Health and to strengthen remedial measures. The continuous request was announced to refrain from public gatherings in the open, walk at least three (03) feet distance, and wear a mask regularly. Coronavirus infections are ongoing, and people were asked to refrain from roaming the campus unnecessarily in the adverse situation of the pandemic. Extensive publicity was given to the movement on campus while maintaining social distance and requested over hand-mike to refrain from roaming without masks. Special measures were taken to avoid visiting the campus in case of fever, cold, cough, or illness, to wash hands with hand sanitizer before entering the building from open space, to keep

the campus clean and tidy, and to prevent the spread of dengue during coronavirus spreading situation.

- c. "No Mask No Entry, No Mask No Service"- banners were displayed in the academic and administrative buildings and other important campus infrastructures under the supervision of the proctorial body. Furthermore, Masks are distributed on the campuses on the initiative of the proctorial body to control and prevent the coronavirus from spreading.
- d. Regular campaigns were taken on campus to prevent any meetings, processions, and public gatherings. Proctors and assistant proctors visited the campus and drew everyone's attention to maintain hygiene, wear regular masks, and keep social distance. This activity is still going on.
- e. In the academic year 2020-2021, according to the records of the proctor's office, no meeting was held in SwadhinataChattar, Hakim Chattar, Central ShaheedMinar premises, SmritiChirantanChattar and in any open space of the campus due to restrictions imposed by the concerned authorities.

Physical Education Centre (1925)

Advisor

Professor Dr. Asim Sarkar
Department of Sanskrit, University of Dhaka

Director (Acting)

Md. Shahjahan Ali
B.A. (Hons.), M.S.S, B. P. Ed Diploma in Swimming (India)

Deputy Director

(1) Mr. S. M. Zakaria, M. Com, B. P. Ed, M.P.Ed; (2) Nayana Chowdhury, B. A, B. P. Ed, M.P.Ed. Diploma in Judo (India), Certificate Course in Judo (Japan); (3) Dr. Salma Arzoo, PhD, M.P.Ed, M.S.S, B.S.S. (Hons.), B. P. Ed; (5) Md. Azad Rahman, M.S.S, B. P. Ed. Diploma In Basketball (Germany); (6) Mohammed Jalal Uddin, B.S.S. (Hons.), M.S.S. B P Ed;

(7) Mohammad Mobasser Salam, B.A. (Hons.) M.A. B P Ed. Diploma in Handball, Germany, First aid positive coaching LA (USA); (9) Md. Shahathat Hossain, B.A (Hons), M.A, B.P.Ed, M.P.Ed.

Assistant Director

(1) Abu Faysal Ahmed, B.Sc (Hons), M.Sc, B. P. Ed; (2) Md. Habibur Rhman, B.S.S. (Hons.), M.S.S. B P Ed; (3) Nibedita Das, B.S.S. (Hons.), M.S.S. B P E; (4) Syeda Umme Habiba, B.S.S, M. S. S. B P Ed.

Senior Technical officer

(1) Md. Habibur Rahman, Class Eight; (2) Muhammad. Morshed Alam, M. A.

Senior Administrative Officer

(1) Rina Begam, B. A..

Complex Engineer

Md. Mizanur Rahaman, B.Sc Engr. (EEE)

Physical Instructor

Md. Jashim Uddin Khondaker, M.A, B.P.Ed

Administrative Officer

Md. Ziaur Rahman jewel, BA (Hon), MA

Controller of Examinations Office (1921/1948)

Controller of Examinations

Md. Bahalul Haque Chowdhury, M Com

Deputy Controllers of Examinations

(1) Md. Sanaullah, M.S.S.; (2) Himadri Shekhar Chakraborty, M A, Ph D; (3) Mrs. Mahfuza Haque, M A, M Ed; (4) Satish Chandra Mazumder, MSS LLB; (5) Md. Rokanuzzaman, MSS; (6) Md. Sayeduzzaman, B Sc, MSS.

Assistant Controllers of Examinations

(1) Satya Narayan Kairy, BA; (2) Md. Jamsedur Rahman; (3) Md. Monirul Islam; (4) Md. Abul Kalam Bhuiyan; (5) Md. Mizanur Rahman; (6) Md. Sajjad Hossain; (7) Mahammad Aminul Islam [LPR]; (8) Mrs. Tahmina Begum; (9) S.M. Masudur Rahman; (10) Nayana Ferdous; (11) Mr. Shatadal Sarker; (12) Md. Taiab Ali; (13) Md. Jahidul Haque; (14) Md. Abdul Wodud; (15) Ranjit Ranjan Chowdhury; (16) Mohammed Mohiuddin Ahmed; (17) Md. Abdur Rashid [LPR]; (18) Md. Nasir Uddin; (19) Md. Lokman Hossain; (20) Md. Abdus Salam; (21) Farida Akhter.

Section Officer

(1) Md. Emadul Haque; (2) Mohammad Reaz Uddin; (3) Md. Alamgir Alam; (4) S. M. Year Ali; (5) Md. Solayman; (6) Sha Iftekhar Ullah Chisty; (7) Mohammad Wazidul Islam; (8) Md. Rokanuzzaman; (9) Rashida Akhter; (10) Mrs. Rohela Rarvin; (11) Mrs. Naznin Rina; (12) Mrs. Beauty Akter; (13) A K M Mohiuddin Sikder (Kajal); (14) Md. Zulfikkar Ali; (15) Mosammat Afroza Khatun.

Inspector of Colleges Office (1949)

During the academic session 2020-2021 Mr. Md. Mostafizur Rahman continued as Acting Inspector of Colleges.

During this session (1) South Apollo Medical College, Barisal; (2) Rajbari Ideal Nursing College, Rajbari; (3) Prince Nursing College, Savar, Dhaka; (4) Bangladesh Nursing College, Darussalam Road, Dhaka; (5) Momenshahi Nursing College, Mymensingh; (6) Dynamic Nursing College, Mohammadpur, Dhaka; (7) Principal Mijanur Rahman Nursing College, Bhuyapur, Tangail; (8) Supreme Nursing College, Tangail; (9) Turag Adhunik Nursing College, Uttarra Model Town, Dhaka; (10) Unique Nursing College, Signboard, Narayanganj; (11) Community Based Nursing College Bangladesh, Winnerpar, Mymensingh; (12) Rumdo Nursing College, Bundary Road, Mymensingh; (13) Mymensingh Elite Nursing College, Digharkanda, Mymensingh; (14) Dhaka College of Physiotherapy, Adabor, Dhaka; (15) Trauma Institute of Medical Technology, Mirpur, Dhaka; (16) Bangladesh Institute of Capital Market, BGIC Tower, Dhaka have been granted affiliation.

There were 158 Colleges and Institutes affiliated to the University. Among these Colleges and Institutes 129 impart education in Medical & Health Sciences including Dental, Nursing, Health Technology, Homeopathy, Physiotherapy, Unani and Ayurvedic; 5 colleges in Home Economics; 9 colleges in Engineering and Technology; 7 colleges impart special courses in Public Affairs; 1 in Public Security and 7 Govt. general Degree Colleges.

The total number of students in these Colleges and Institutes in the said session were 1,64,273. Of them there were 47,992 students in undergraduate and post graduate medical and health science courses; 3,741 students were in Engineering and Technology course and 9,579 in Home Economics; 764 students in Public Affairs & others Institutions and 1,02,197 students in general Degree Colleges. There were 11,412 teachers in all the Colleges and Institutes. Of them 9,685 teachers were in medical Colleges & Institutes, 248 teachers in Engineering and Technical Colleges & Institutes, 184 teachers in Home-Economic Colleges, 1,157 teachers in 7 Govt. general Degree Colleges and 157 teachers in Public Affairs & others Institutions.

The following 12 colleges are exclusively for women: (1) Government College of Applied Human Science, Azimpur, Dhaka; (2) Bangladesh Home-Economics College, Green Road, Dhaka; (3) National College of Home-Economics, Lalmatia, Dhaka; (4) Mymensingh Home-Economics College, Mymensingh (5) Akij College of Home Economics, Dhanmondi, Dhaka; (6) Zainul Haque Sikder Women's Medical College, West Dhanmondi, Dhaka; (7) Medical College for Women, Uttara, Dhaka; (8) Kumudini Women's Medical College, Mirzapur, Tangail; (9) Ad-din Women's Medical College, Boro Maghbazar, Dhaka; (10) Saphena Women's Dental College, Malibag, Dhaka. (11) Eden Mohila College, Azimpur, Dhaka and (12) Begum Badrunnessa Govt. Mohila College, Bakshi Bazar Road, Dhaka,

(A list of affiliated & constituent College and Institutes is shown in the Appendix section of this book.)

BNCC, Dhaka University Contingent (1969/1972)

The Bangladesh National Cadet Corps was formed with the following objectives in mind :

1. Achieving moral development among the youth, developing leadership qualities, including patriotism and national service, above all building co-operation and sympathy among oneself.
2. Creating interest of young students in the defense system of the country and giving them military training.
3. To create volunteers for the development of the country and to deal with various national disasters.
4. To build a second line of resistance force in the country in the face of external aggression.
5. To form a suitable personality for leadership in all the affairs of the country including the defense forces.

Organizational Structure

Different branches of BNCC in Dhaka University are :

- 1 Ramna Battalion- 3 male and 3 female platoons.
- Dhaka Flotilla- - 1 male and 1 female platoons
- 1 No. Dhaka Squadron- 1 male and 1 female Flight.

Cadet Strength

Wing	Approved str.	Existing str.
Army (male and female)	204	200
Naval (male and female)	155	200
Air Force(male and female)	100	200
Total	459	600

Regular Training

Weekly training classes were held every Friday morning during February to November except vacation of Academic classes .

BNCC Officers (Teachers)**Army Wing**

Associate Professor, Lt. Sayeed Tanvir Rahman, Company Commander.
 Professor, Dr. A B M Obaidul Islam, PUO, Flight Commander.
 Associate Professor, Dr. Mohammad Sharifur Rahman, Flight Commander.
 Assistant Professor Mehedi Hasan, PUO.
 Assistant Professor Nafiza Ferdousi, PUO.

Naval Wing

Professor, Dr. Abeda Sultana, PUO, Flight Commander.
 Professor, Dr. Mohammad. Hafiz Uddin Bhuiyan, PUO, Flight Commander.

Air Force Wing

Professor Dr. Dil Rawshan Zinnat Ara Nazneen, Flying Officer (BTFO) Contingent Commander.
 Professor, Dr. Mohammad Shahidul Islam, Pilot Officer Flight Commander.
 Professor Dr. Muhammad Mosleh Uddin, Pilot Officer, Flight Commander.
 Professor, Dr. Khaleda Islam, PUO, Flight Commander.

BNCC Scholarship

For excellent performance in BNCC 100 cadets were provided with Tk-300/- monthly scholarship in the session. Their University tuition fee were also waived.

Military Science Certificate Course

Due to corona pandemic disease, the junior and senior military Science Certificate for the current academic year were not held.

Other Activities

1. Officers, Cadets and Staff of BNCC Contingent performed their duties in International Mother Language Day (February 21st, 2021) in Shahid Minar to ensure discipline.

2. Participated in the combined winter training programme with the regular forces.
3. Provided Military education by online classes during pandemic time.
4. Performed duties as volunteers in Swarasati Puja.
5. Participated in Corona Awareness Rally and Winter Clothes distribution from BNC Headquarter.
6. Mujib Centenary and Corona Awareness Program was observed at BNCC Dhaka University Contingent.
7. The Vice-Chancellor inaugurated the blood donation program, Painting competition and tree planting program on the occasion of Mujib Centenary celebrations on January 12, 2021 at Rumi Bhaban of BNCC Dhaka University Contingent.
8. Arrival of Education Secretary and Director of Secondary Education on the occasion of Mujib Centenary Celebration on March 3, 2021 at Rumi Bhaban of BNCC Dhaka University Contingent.
9. In the early 2020, Volunteering was done at the TSC Auditorium on the occasion of the inauguration of various Departments.
10. In the early 2020, volunteered for the annual sports competitions in various Halls at the Central Playground.
11. On the occasion of the Birth centenary of Bangabandhu Sheikh Mujibur Rahman, BNCC Cadets Participated in Voluntary Service (Sechchaseba) Camping 2020-2021 on January 12, 2020.
12. "Celebrating 100 years of the University of Dhaka: Reflections from the Alumni International and National". Participated in the inaugural ceremony of the International Conference on January 22, 2021.
13. BNCC Cadets participated in a firing competition organized by Ramna Regiment in Mirpur Cantonment on the occasion of Mujib's centenary on January 31, 2021.
14. Participated in the special regiment camp titled 'I am Bangabandhu' from March 30 to April 1, 2021.
15. On the occasion of Mujib's centenary, BNCC Cadets participated in the Guard of Honor practice at the BNCC headquarters.
16. BNCC Cadets participated at the opening ceremony of Bangladesh Games at Sher-e-Bangla National Stadium as Volunteers.

Dhaka University Press (1950)

Manager

S.M. Bipash Anwar performed his duties as acting Manager.

The following officers performed their duties as:

Manager-2

(1) Md. Shahidur Rahman (Admin.); (2) Nazrul Islam (Proof-Reading); (3) Akhandjada Md. Alamgir (Compose); (4) Md. Ruhul Amin (Store).

Senior Accounts Officer

Mohammad Enamul Hoque (Maruf)

Deputy Manager

(1) Md. Saidur Rahman Khan (Binding); (2) Md. Anowar Hossian (Compose); (3) Most. Suraiya Begum (Compose); (4) Abdul Mannan Biswas (Binding); (5) Dewan Hamidur Rahman (Binding); (6) Md. Habibullah Buyian (Binding); (7) Md. Al Mamun (Store); (8) Md. Mozammel Hoque (Compose).

Technical Officer

(1) Md. Aminul Hoque (Binding); (2) Monirul Hoque (Machine); (3) Anamul Hoque (Machine); (4) Md. Kabir Hoassain Mollah (Binding); (5) Md. Sadrul Alam (Machine).

A total of 21 staffs served as Class III (among 2 staffs are on LPR) & 13 staffs served as Class IV employees.

Activities Performed

During the session 2020-21 the Press with utmost endeavor went on with the printing and binding work of all offices, faculties, departments, halls, institutes etc. of the university.

Urgent and important work like all Diplomas, provisional certificates, Ph. D., M. Phil certificates, Mark certificates etc. were printed, bounded and

delivered. Above 11,05,400 (Eleven lacs Five Thousand Four Hundred) 5 types of answer scripts of various examinations of faculties, departments, halls, institutes, affiliated collges & medical collges prepared. Letter heads, various kinds of forms, ledgers, registers, attendance registers, salary registers of teachers, officers, class III and class IV employees, medical prescription slips, health cards, docket registers, stock registers of sanitary goods, fees collection books of students, bank statement, class routine and answer scripts of IER, answer scripts and progressive report of student of university Lab. School and College, establishment fee collection receipts of halls, book slips of library, file covers, slip pads, note sheet pads, various kinds of envelopes etc. have been completed and delivered by the press during the session concerned.

Most of the printing works are completed by backdated letterpress system in Dhaka University Press. Also a numbers of printing works are doing by Dmi Size Single Color offset machine which was installed on 2017. Recently a Polar cutting machine was installed for complition of paper cutting works. All kinds of printing works (Journal, Diary, books etc.) of offices, halls, departments, institute of the University are completed by press as per syndicate decision. For that reason press's printing works are inreasing gradually.

Besides, modernization of Dhaka University Press is under process by installation of various types of modern machinaries.

Teacher-Student Centre (1961)

Professor Dr. Soumitra Shekhar of Bangla department is the honorable adviser of the Teacher Student Centre. Sayed Ali Akbor is the director of the Centre. Farzana Bashar and Nazir Ahmed Simab are Deputy directors. Md. Ataur Rahaman Akondo, Harun-or-Rashid Miah are Assistant director Grade-1. Md. Rafiqul Islam is administrative officer, Md. Mohiuddin is section officer and Sadia Sobur is Assistant director grade-2 (food).

The administration and employees of the Teacher-Student Centre were busy throughout the whole session (2020-2021) in holding various functions for academic, Cultural and extra-curricular activities.

TSC Cafeteria served lunch and dinner for 1100 students and morning and evening snacks for 1200 persons daily. Under the supervision of the director of TSC, arts cafeteria served lunch and dinner for about 2400 persons and snacks for about 2500 persons every day. TSC also provides special foods for the special functions of VC office, Pro-Vc offices, Treasurer office and other offices on the basis of their demands.

Throughout the year, the students used the Indoor games room. They used to play table-tennis, chess, carrom etc regularly in the indoor games room. The Centre's guest house was renovated with new fittings. It is used by the local and foreign guests throughout the session with the permission of DU authorities.

The important functions which were held at the auditorium, seminar room, cafeteria, payra chattrar and inside the TSC during the session 2020-2021 included :

1. On 1st July, 2020 the 99th founding day of Dhaka University observed as 'Dhaka University Day'. To observe the day, Dhaka University arranged a virtual program through online platform. Vice-Chancellor, Pro- Vice Chancellor (Administration), Pro- Vice Chancellor (Academy), Treasurer, Registrar, teachers, officers, staffs were attended on this virtual program.
2. On 4th July 2020 Dhaka University Science Society organized a webinar named "Behind the Sciences of SAARS-19 Genome sequencing and possibilities" The discussion focused on the need for genome sequencing and its potential during the corona epidemic.
3. From 15th July to 23rd July, 2020 Dhaka University Photography Society arranged a nine day long online photography workshop. Photojournalist Md. Rakibul Hasan was the guest. Workshop was

based on the techniques and exercises for home based photography during covid period.

4. Dhaka University Science Society organized a webinar named "Covid-19 Research: Bangladesh and the world content" on 18 July, 2020. Renowned microbiologist Dr. Shejuty Saha and Dr. Shamir Kumar Saha spoke on various aspects of corona research in this discussion.
5. 'Online Science Discussion Circle' was organized by the Dhaka University Science Society on 21st August, 2020. The topic was 'Science in superstition removal'.
6. On 10th September, 2020 Dhaka University Science Society organized a science discussion circle on the topic of "Scientific explanation of natural phenomena".
7. Dhaka University Tourist Society celebrated "World Tourism Day-2020" online on 27th September, 2020. The chief guest was Professor Dr. Md. Akhtaruzzaman, Honorable Vice Chancellor's of Dhaka University. Javed Ahmed, C.E.O of Bangladesh tourism Board and International tourism kazi Asma Azmeri were present in this celebration.
8. Dhaka University Science Society organized an 'online skill Development program-1' on the topic of leadership and communication on 22th October 2020.
9. Dhaka University Tourist Society celebrated its 25th founding anniversary on 30th October, 2020. Honorable vice chancellor of Dhaka University Professor Dr. Md. Akhtaruzzaman and Javed Ahmed, C.E.O of Bangladesh Tourism Board were present in this program.
10. On 12 November, 2020 Dhaka University Science Society organized a Science Discussion circle on Covid situation and diagnosis.
11. Dhaka University Environment Society arranged a basic understanding classes on environment on 17th November, 2020. The topic was "The post and the contemporary Scenario of Environmental

- movement". Dr. Md. Tanzimuddin Khan, Professor of International Relations department was the speaker.
12. On 22 November, 2020 Dhaka University Environment Society organized a class for students on "Contribution of Youths on the Environmental movement in Bangladesh and DUES".
 13. Dhaka University Environment Society arranged a class on 29th November, 2020 about "Environmental Volunteering: Scope and impediments".
 14. A mourning meeting and prayer mahfil is organized seeking the forgiveness of the soul of Md. Alamgir Hossain, Ex-Director of TSC and Assistant Director Sushmit Zaman on 3rd December, 2020 in TSC Cafeteria. In this Mahfil, Adviser Professor Dr. Soumitra Shekhar, Director Syed Ali Akbar, son of late Alamgir Hossain, all officers and staffs of TSC were present.
 15. Dhaka University Tourist Society arranged 7th Online International Mountain Day" on 11th December, 2020. The honorary member of DUTS, international tourist and mountaineer Dr. Anwar Hossain was present in this program.
 16. The Black flag was hoisted on the occasion of martyred intellectuals day at TSC on 14th December, 2020. Due to covid situation, the occasion was maintained according to the health instructions of world Health Organization.
 17. A three-day victory celebration, concert and lantern lifting was organized under the title "My victory is red in blood". Slogan-71, a cultural organization of TSC organized the program during 14th to 16th December, 2020.
 18. Dhaka University Drama Society organized a three-day film exhibition at TSC auditorium titled by "The memory of victory" from 14th to 16th December, 2020.
 19. On the occasion of 16th December, 2020 the great victory day, national flag was hoisted, Lightening of TSC was done and the sculptures of TSC area were neatly cleaned.

20. In protest of Bangabandhu's boast of fundamentalism in Bengal, an exhibition of arts is displayed in TSC Payra Chatter on 20th December, 2020. A Young artist from Ramu Upazila of Cox's Bazar exhibited his work with a portrait of Bangabandhu. This exhibition messages that "Bangabandhu is alive in every dust of Bengal, Bangabandhu's ideal is in the minds of 160 million Bengalis".
21. On the occasion of international day of women and girls in science-2021, Dhaka University science society organized a special discussion on the "Participation of women in science" on 11 February, 2021. Dr. Jannatun Noor, scientist of ICCDDR B shared her experiences in this discussion. The subject matter of this discussion was the footsteps of women in the triumph of science.
22. The organization of TSC; Dhaka University science society organized 6th DUSS day online on 12th February, 2021.
23. Due to world Environment Day, online photography contest 2020 was held on 18th February, 2021. The contest was organized by Dhaka University Environment Society. The motive of this contest was to raise awareness among people about the bad impact of pollution through photography.
24. DUSS, an organization of TSC organized a science chat about the role of women in the current world and in the Covid situation on 8th March, 2021.
25. To celebrate world Earth Day, Dhaka University Environment Society organized a webinar on 22 April, 2021. The topic was "Is Bangladesh on track to tackle Climate Change? What is Future Expectations?" General secretary and Joint secretary of BAPA was the speaker.
26. Dhaka University science society hosted chemistry focused human competition as a promotional partner with chemofusion titled by "chemistry in your canvas-10" on 23rd April, 2021
27. On 29th April, 2021 Dhaka University Environment Society arranged a webinar on understanding the potential health risks of air Pollution.

28. Due to world thalassemia day, Dhaka University science society organized a webinar named “Thalassemia awareness to prevention” on 8th May, 2021. In this webinar the discussion was based on what is thalassemia, awareness creation and prevention measures.
29. Dhaka University Photography Society organized “Smartphone photo editing with 10 minute school on 8th and 9th May, 2021. Ovince orko, manager of online based educational institution: ten minute school was chief guest. The workshop was organized on the techniques of taking pictures and editing on Smartphones.
30. Dhaka University science society organized a “skill development program-2” on 20th May, 2021. They trained about graphic design.
31. Dhaka University science society arranged ‘Skill development program-3’ on press release & official writing online on 31st May, 2021.
32. A climate change periodical named “Climate watch 2021” was published by DUES on 1st June, 2021.
33. Dhaka University science society arranged “Skill development program-4 on Microsoft power point and MS-word, on 10th June, 2021.
34. For the purpose of informing the general public about the extinct trees, Dhaka University Environment society took initiatives to preserve, maintain and placed nameplates of almost extinct trees on 13th June, 2021.
35. On 22nd June, 2021 Dhaka University Environment Society organized a webinar on “Impact of water Pollution in Bangladesh”.
36. Cover Unveiling ceremony of climate watch 2021 was held on 30 June, 2021.

Student Counseling and Guidance Office (1962)

Student Counseling and Guidance Office (SCGO) :

Professor Dr. Mahjabeen Haque of the Department of Educational and Counselling Psychology is the Director (In charge) of this office. M Rashed Zaman Shovon and Marzia Begum are currently serving this office as Assistant DirectorS. Saifun Nesa Zaman, Deputy Director (Counselor) is the assigned person for providing counseling service to the students. Beside them within the time period 155 teachers of various departments of Dhaka University worked as Departmental Students’ Advisors to deal with various academic problems of the students.

Activities of the Student Counseling and Guidance office (SCGO) of the session 2020-2021

WORK DESCRIPTION OF SCGO

1. PART TIME JOB FOR THE STUDENTS

This office used to provide part time job facilities to the needy and meritorious students of different departments in order to assist them. But in this session due to nationwide lock down the appointment could not be given from July 2020 to December 2020. It was given only for six months from the month of January to June 2021. The students of the Department of Educational and Counseling Psychology got the appointment as part time Trainee Counselor for conducting counseling sessions at the SCGO under this program. During 2020-2021 session only 27 students got part time jobs.

2. COUNSELING PROGRAMME

Counseling program

In the SCGO there is an arrangement for offering counseling services to the students, teachers, staffs and officers of Dhaka University and their spouses and children. In the session 2020-21 this service was offered by one appointed Deputy Director (Counselor), 27 Trainee Educational and Counseling Psychologists for five days a week from Sunday to Thursday (9:30 am to 4:30 pm) when the university were opened at free of cost through appointment. But when the university was closed due to lock

down the counseling service was provided through online. A total of 36 male and female students with various problems like anxiety, depression, relationship issues, adjustment problems and other mental health related issues, were provided counseling during this period.

3. OBSERVANCE OF WORLD MENTAL HEALTH DAY

The 10th of October is observed as World Mental Health Day all around the world. In order to raise awareness of mental health issues among the general people as well as the students of Dhaka University and to mobilize efforts in support of mental health the Students Counselling and Guidance Office (SCGO) has been addressing mental health issues for many years with due importance. The theme of World mental health day of this year was “**Mental Health for all: Greater investment - Greater access**” On the occasion of World Mental Health Day 2020, the Students Counselling and Guidance Office arranged a Human chain holding banners and colorful mental health related posters prepared by SCGO and the students of Department of Educational and Counseling Psychology {DECP} at TSC premise at 10 am for 01 hour. EMDR Bangladesh Association, Prerona- A child –Adolescent development and psychosocial service organization participated in the human chain with their separate banners. To create awareness about mental health and to end stigma associated with mental illness the participants were helping each other to wear a green ribbon mentioning “Mental health for all: Greater Investment Greater access” Globally, green ribbon is used as a symbol of mental health awareness.

4. DUKE OF EDINBURGH’S AWARD PROGRAMME

Duke of Edinburgh’s Award Program started from 08 March 2009 with the students of different departments as an expanded activity of SCGO in cooperation with the respected teachers of Dhaka University. Through this self-development program the students were encouraged to learn different skills, develop creativity, take physical exercise and do voluntary activities. In this session 45 students received Bronze Award and 42 students received Silver award under this program.

5. SCHOLARSHIP TO THE CHALLENGED STUDENTS

The SCGO facilitated the selection of the challenged students studying in Dhaka University for stipend offered by the Ministry of Social Welfare,

Government of Bangladesh in each year. In this session 23 challenged students received scholarships.

6. A WORKSHOP ON DOCUMENTATION FOR COUNSELING SERVICES FOR THE NEW TRAINEE COUNSELORS

On 28.02.2021 a workshop was conducted through on line for the new trainee counselors of the 9th batch students of the Department of Educational and Counseling Psychology. The workshop focused on discussing about ways of documenting counseling services in the office.

7. SUPERVISION CLASS

Six Supervision classes were conducted through online during lockdown for the trainee counselors on 19-03-2021, 31-03-2021, 13-04-2021, 20-04-2021, 04-05-2021, 13-06-2021

Public Relations Office (1963)

Mr. Mahmood Alam performed his duties as Director of Public Relations Office during the session 2020-2021. In addition to his office duties he also worked as Editor of the “Dhaka University Barta”. Dr. Nur-e-Islam, Md. Rafiqul Islam (Panna), Mr. Kamalesh Chandro Mondal and Mrs. Nurunnaher Begum worked as Deputy Directors. Besides, Anawar H. Mojumder, Meena Md. Abdul Mottaleb Chowdhury, Tauhida Khanam Tasmin and Mr. Abu Bakar Siddique (Videographer) worked as Assistant Directors. Md. Jakir Hossain worked as Technical Officer (Photographer).

Press Release

A total of 488 Press Releases were prepared and issued on the basis of various activities, functions, Senate meeting, Syndicate meetings and other meetings of the university. Admission and examination dates, statements of authorities etc. were also issued from the Public Relations Office during this session. These Press Releases were published in the National Dailies and also publicized through other print and electronic media.

Besides, the Director of Public Relations discharged the duties of inviting media-representatives to attend press conferences and for necessary coverage of important functions, seminars, symposiums and other events of the university.

Photography

During this session, pictures of 500 different functions were taken by photographers of the Public Relations Office. About 7,580 copies of pictures (photos) were prepared and printed for publication in newspapers, Annual Report, Academic Calendar, Desk Calendar, Wall Calendar, Souvenirs, Dhaka University Barta and presentation to foreign visitors, various departments, halls, institutes and other organizations. A good number of complementary photos were given to students, teachers, officers and employees of the university.

Publications and Concerned Activities

Under the overall supervision of the Public Relations Office, the 99th Annual Report for the session 2019-2020, wall and desk calendars for the session 2020-2021 and pocket diary for 2021 were published in time during this session. Besides, the 'Dhaka University Barta' was also published on a regular basis. Director of Public Relations Office Mr. Mahmood Alam worked as the Member-Secretary of Annual Report Editorial Board and other publications. He also worked as Member-Secretary of Convocation Souvenir and DU-Day Souvenir.

These Annual Report, Souvenirs, Barta, Pocket Diary, Calender and other publications were distributed and sent to various departments, institutes, halls and offices of the university. These publications were also sent to the Office of the President, Office of the Prime Minister, University Grants Commission (UGC), different ministries, public universities and Information Commission from Public Relations Office.

Information Centre

An Information Centre under Public Relations Office was set up in a room adjacent to the main gate of the Administrative Building in April 2012. According to Right to Information (RTI) Law- 2009 and as per order of the Vice-Chancellor, Director of Public Relations performed the duties of

the centre. Assistant Director Meena Md. Abdul Mottaleb Chowdhury worked at the Information Centre. He supplied information from this centre as per RTI Law.

Besides, officials of the Public Relations Office as well as Information Centre supplied various information and answered of queries to individuals, foreign Embassies/High Commissions, other overseas and local organizations.

Planning and Development Office (1969)

The following officers continued to perform their duties and responsibilities during the academic session 2020-2021.

Director

Mr Sarder Ilias Hossain

Deputy Director

(1) Mr. Md. Amir Hossain Bhuiyan; (2) Mr. Md. Badrul Ahsan, Deputy Director; (3) Mr. Abdul Hamid.

Assistant Director

(1) Mrs. Mosena Begum; (2) Mr. Md. Kamal Uddin

Section Officer

(1) Mr. Mohammad Fuad Alam; (2) Mrs. Firoza Begam, Section Officer.

Besides, there were 07 staffs who served as class III and IV during the said session.

During the session 2020-2021 the Planning and Development Office was involved with some development projects activities: Some of the important projects information (Investment and technical) are given below:

S/L	Name of the Project	Approved project cost and name of the Donor Agency	Allocation during academic year 2020-2021 and expense	Major components of the project
01.	Construction of Academic and Residential Building of the University of Dhaka	61946.30 Lac taka Government of Bangladesh	5667.00 Lac taka and 5667.00 Lac taka	<p>1) Construction of 10-storied hall building Rabindra Bhaban for 1000 students at the Jagannahth Hall area</p> <p>2) Construction of 11- storied House Tuter building at the Jagannath Hall</p> <p>3) Construction of 11- storied Jatir Janok Bangabandhu Sheikh Mujibur Rahman Hall for 1000 students.</p> <p>4) Construction of 11- storied house tuter building of Jatir Janok Bangabandhu Sheikh Mujibur Rahman Hall.</p> <p>5) Construction of 20- storied residential tower building for class III staff.</p> <p>6) Construction of 21- storied academic building for the Faculty of Earth and Environment Sciences at the place of Science Cafeteria .</p> <p>7) Vertical extension of the remaining part of 7th to 12th floor of the Faculty of Social Science building was</p>

				<p>completed.</p> <p>8) Construction of the remaining part of 6th to 8th floor of mid-block of the Mukarram Hossain Khundkar Vijnan Bhaban and remaining part of 6th floor of the South and North block was completed.</p> <p>9) Remaining portion of 5th floor (part) and 6th floor was completed.</p> <p>10) Vertical extension of the remaining part of 7th to 10th floor of the Science Complex building was completed.</p>
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02.	Support for preparation of Dhaka University Master Plan and Fisibility Study (PFS)	470.40 Lac taka Government of Bangladesh	470.00 Lac taka and 470.00 Lac taka	<p>1) Physical Survey</p> <p>2) Hydrological Survey</p> <p>3) Geological Survey</p> <p>4) Transportation Survey</p> <p>5) Flora and Funa Survey</p> <p>6) Feasibility Study</p>
03.	Strengthening the Capacity	316.16 Lac taka UNDP	150.00 Lac taka and 150.00	<p>a) Diploma Course for G.O. and NGO officers.</p> <p>b) Short term training program for Government</p>

	of Teaching and Research Facilities at the Department of Population Sciences University of Dhaka (Second Phase)		Lac taka	officers. c) Training on Urban health. d) Faculty Research. e) Observing world Population day with National level symposium.
04	Local level Adaptation of Climate change Induced Displaced: Preparation of on Action Plan for Sustainable Livelihood	150.00 Lac taka BCCT	75.00 Lac taka and 75.00 Lac taka	a) Field survey. b) Conducting research.
05	Establish	1000.00	250.00	a) Training of GH

	hment of Green House at the University of Dhaka for the development of Crops tolerant to Climate change induced Environmental Stresses	Lac taka BCCT	Lac taka and 250.00 Lac taka	Operation and Maintenance. b) Establishing of a Green House Chamber, emergency Generator room, Fencing etc. c) Supply and Installation of Imported Items Green House Materials.
06	Assessment of 292 Remaining Upzilas for the Impacts of Climate Change on soil Health, Food Security, Adaptation of Climate	150.00 Lac taka BCCT	75.00 Lac taka and 75.00 Lac taka	a) Workshops, field demonstration and training b) Field Survey. c) Field/boundary preparation and field experiments set-up, seed, seeding, Cultivation fer, Pesticide maintenance. d) Procure and installation of Atomic Absorption spectrophotometer, hemio AA201 including electrodes.

	Smart Agriculture in Most Adversely Affected Areas of Bangladesh			
07	Support to capacity Building of the Development of Metrology in the University of Dhaka	3150.00 Lac taka World Bank	1642.48 Lac taka and 1642.48 Lac taka	<p>a) PhD training for the Faculty members</p> <p>b) Visit of facilities of Metrological department abroad.</p> <p>c) Procure and installation of Meteorological Satellite Ground station for Receiving Processing and application of NOAA, NPP/SPSS and terra/Aqua Satellites in Meteorology</p> <p>d) GTS and online global Meteorological data access including meteorological Satellite data and products</p> <p>e) Meteorological Processing system (Met observation Satellite and Aviation data)</p> <p>f) Crop-weather Phonological yield model</p>

08	Biocultural Resources and Climate change Assessing the Vulnerability and Resilience of Small Ethnic Communities in Bangladesh (BRCC)	150.00 lac taka BCCT	150.00 Lac Taka and 150.00 Lac Taka	<p>a) Field survey</p> <p>b) GIS Mapping</p>
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Besides, during the said session 2020-2021, the following development project proposals (DPP) were prepared by this office for consideration/approval of the authority

SL/No	Name of the Project	Probable period of implementation	Estimated cost (Lac taka)
1.	Further Development of the University of Dhaka.	January, 2021- June, 2023	277799.00
2.	Procurement of equipment for up-date and modernized laboratories of various departments under	July,2020-June, 2023	50947.00

	Science Faculties of University of Dhaka		
3.	Construction of Landmark Monument at Molchotter on occasion of Celebrating 100 years of the University of Dhaka and Golden Jubilee of Independent of Bangladesh.	July, 2020-June, 2021	2053.50
4.	Repair and Renovation of old building of University of Dhaka.	January, 2021-June, 2023	11998.77
5.	Construction of Multipurpose Building with modern facilities for Teacher-Student Center (TSC) of the University of Dhaka	The public works Department is preparing the DPP of the project as per Instruction of Honourable Prime Minister	

Other activities done by this office during the said session 2020-2021:

- a) Three meetings were held for Study Grant during the said period. With the approval of the Syndicate a sum of Tk. 15.70 Lac was allocated among 16 teachers as grant for overseas higher education program.
- b) A project implementation committee meeting was held during the said period under the chair of Hon'ble Vice-Chancellor. A project scrutiny committee meeting was held at UGC and two project scrutiny committee meetings were held at the Ministry of Education during the said period. Two steering committee meetings were also held at the Ministry of Education.

- c) Director, Planning and Development acted as convenor of the Central Tender Opening Committee (TOC) of the University of Dhaka
- d) Director, Planning and Development played an important role as a member of the Central Tender Evaluation Committee (TEC).
- e) Director, Planning and Development passed important comments as an observer of the Finance Committee (FC).
- f) Director, Planning and Development acted as Office-Head of the Dhaka University Press.
- g) Director, Planning and Development played an important role at the implementation and monitoring committee of various development activities.

Dhaka University Prokashana Sangstha (1993)

Professor Dr. Syed Azizul Huq of the Department of Bengali performed the responsibilities of Director (Acting) of the Prokashana Sangstha for the session 2020-2021. He also performed the duties of Acting Secretary of the 'Manuscript : Selection, editing & translation section' of the Sangstha in this session. Deputy Director (Sales) Mr. Bhabaranjan Chakraborty worked as Secretary of the Bipanon (Marketing) Section and Deputy Director (Accounts) Mrs. Hasna Hena Puspa worked as the Secretary of the Printing Section.

Manuscript : Selection, Editing & Translation Section :

Honorable Vice-Chancellor is the Chairman of the Governing Committee of this section. During the Session 2020-2021, this Section continued to receive manuscripts from teachers/researchers of the university and placed in meeting of the committee for decisions regarding publications.

Printing Section :

Printing Section is managed by a Governing Committee of which Honorable Treasurer of the University is the Chairman. During the session 2020-2021, 01 (One) book was published from this section. Besides, publications of 11 (Eleven) books is about to be completed. Upto the sessions 2020-2021, total 185 (One Hundred Eighty Five) books were published from this session.

Bipanon (Marketing) Section :

Honorable Pro-Vice-Chancellor (Admin) of the University is the Chairman of the Governing Committee of this section. Decisions regarding buying, selling and marketing of books, Syllabuses, Journals, DU Diary, Wall and Desk Calender, Souvenir Mug, Bag of students and other stationeries are taken in the meetings of this Committee. According to the decisions of this Committee, Bipanon Shakha buys and sells not only the University Publications but also other local and foreign publications for the interest of students, teachers and researchers. Like every year, Bipanon Shakha also participated in the 'Amar Ekushey Granthomela 2021' organized by Bangla Academy. Besides, this section supplied the ordered books in the Dhaka University Library (DUL), Institute of Nutrition and Food Science (INFS) Library, Public Library, Institution Mother Languages Library & Govt. Libraries and Organizations.

Dhaka University Ranger Unit (1973)

The Dhaka University Ranger Unit (DURU), has five Ranger units in five female halls such as Rokeya Hall, Shamsun Nahar Hall, Bangladesh-Kuwait Moitri Hall, Bangamata Sheikh Fazilatunnessa Mujib Hall and Kabi Sufia Kamal Hall. It has about 300 trained rangers who have taken oath for rendering services to the community. To support the ranger in the five female halls, there are guiders in each hall.

The DURU is run by an advisory Council. The Council is as follows:

President

Professor Dr. Lafifa Jamal, Provost, Shamsun Nahar Hall.

Vice-President

(1) Professor Dr. Zeenat Huda, Provost, Rokeya Hall; (2) Professor Dr. Mahbuba Nasreen, Provost, Kuwait Moitri Hall; (3) Professor Dr. Zakia Parveen, Provost, Bangamata Sheikh Fazilatunnessa Mujib Hall; (4) Professor Shamim Banu, Provost, Kabi Sufia Kamal Hall.

General Secretary

Shamsun Arefin, Ranger Guider and House Tutor, Shamsun Nahar Hall.

Treasurer

Monika Chakraborty, Ranger guider and House Tutor, Kabi Sufia Kamal Hall

Member

(1) Nigar, Ranger guider and House Tutor, Rokeya Hall; (2) Monira Parvin, Ranger guider and House Tutor, Kuwait Moitri Hall; (3) Rifat-E-Rubaiyat, Ranger guider and House Tutor, Kuwait Moitri Hall; (4) Romana Papri, Ranger guider and House Tutor, Bangamata Sheikh Fazilatunnessa Mujib Hall; (5) Shamiha Shafinaj Shreya, Ranger guider and House Tutor, Bangamata Sheikh Fazilatunnessa Mujib Hall; (6) Elora Sharmin Ela, Ranger guider and House Tutor, Kabi Sufia Kamal Hall; (7) Raihan Ara Jaman, Ranger guider and House Tutor, Kabi Sufia Kamal Hall.

Activities of DURU

The Dhaka University Ranger Unit (DURU), established in 1973, is a voluntary organization of the female students. To train the female students of the University regarding character development, observation, obedience and self-dependent despite their academic life. Services to the society and development of the community life are the main objectives of the Rangers. The motto of the DURU: be socially aware, be hard-working, be dutiful, be patriotic and always get ready to promote its ideals throughout the world.

At present DURU conducts four projects. These projects are, 1. Mass-education (Gono-Sikkha), 2. Tree plantation, 3. Development of slums, 4. Vaccination. Every year Rangers participate in study tour and camp in different places of Bangladesh. They also participated in International Guide Camp, Seminar and guide programme in Malaysia, India, Srilanka, Nepal, Singapore and Australia. In the presence of our honourable vice-chancellor, the chief patron of Dhaka University Ranger Unit and other reputed guests, the 15th day camp was held at Shamsun Nahar Hall in last November, 2019. Last year, in February, 2020 two ranger participated in regional and international camp at Panchmari in Madhyapradesh, India.

Rangers are exempted from pay tuition fee to the university. Beside this in every year 50 selected rangers are awarded as “Ranger Scholarship”. Rangers participate in different activities like weekly training, yearly camp, oath ceremony, study tour and other volunteer services. Every year new rangers participate in ranger unit to expand activities.

During the pandemic time in the last year, no new program was arranged as the student hall remained close.

Dhaka University Rover Scout Group (1966)

The Scout Movement is a voluntary non-political educational movement open to all young people without distinction of gender, origin, race or creed. The purpose of the Scout Movement is to contribute to the development of young people in achieving their full physical, intellectual, emotional, social and spiritual potentials as individuals, as responsible citizens and as members of their local, national and international communities. It is the largest youth movement in the world with over 40 million members from 223 countries.

Dhaka University Rover Scout Group is one of the oldest and most prestigious rover scout groups in Bangladesh. It has been playing an important role in the development and expansion of the scout movement in the country. It also has been playing a key role in various disciplinary &

voluntary activities of the university. Although this group was established in the beginning of the 1960s, its full activities started after the 1st investiture ceremony, held in 1965-66 session. In 1967, the participation of four Rover Scouts in the 4th Pakistan National Jamboree, held at University of Karachi, received wide attention and praises by all. For the last 55 years, Dhaka University Rover Scout Group has been participating in various community services and community development activities within university campus and elsewhere. The group undertook a community development project at Daschira village in Manikganj in 1970s which was visited by many officials from the World Organization of the Scout Movement (WOSM) from its Headquarters in Geneva along with the top leaders of Bangladesh Scouts. Currently, there are five units, including a Girl-in Rover unit, in the group. At present, there are more than two hundred trained Rover Scouts in these five units. Till now, 24 Rover Scouts from this group received the prestigious Presidents Rover Scout (PRS) Award. In 2016, Golden Jubilee (50 years) of the group has been celebrated. In 09 December, 2021, it had celebrated its 55 years of glory.

Organizational Structure

Chief Patron

Professor Dr. Md. Akhtaruzzaman
Vice-Chancellor, University of Dhaka.

President

Professor Dr. Muhammad Samad
Pro-Vice Chancellor (Administration), University of Dhaka.

Vice-President

Professor Mamtaz Uddin Ahmed
Treasurer, University of Dhaka.

Scout Advisor

(1) Professor Md. Ramjul Haq, Former Professor, University of Dhaka; (2) Professor Dr. A Q M Mahbub Vice Chancellor, Bongobondhu Sheikh Mujib Science & Technology University.

Secretary and Chief Rover Scout Leader

Mr. Mahmudur Rahman, Associate Professor, Department of Islamic History and Culture, Deputy National Commissioner (Research & Evaluation). Bangladesh Scouts.

Treasurer and Rover Scout Leader

Dr. Mumit Al Rashid, Assistant Professor, Department of Persian Language and Literature. Former President, Central Executive Committee, Prothom Alo Bandhusova.

Rover Scout Leader

(1) Dr. Fatima Akter, Assistant Professor, Department of Geography and Environment; (2) Mohammad Juel Miah, Lecturer, Institute of Disaster Management and Vulnerability Studies; (3) Md. Marufur Rahman, Assistant Professor, Department of Disaster Science and Management; (4) Arina khatun Zinia, Lecturer, Department of Philosophy.

Assistant Rover Scout Leader

Mohammad Ibrahim Khalil,

Senior Administrative Officer

Department of Persian Language & Culture.

Senior Rover Mates

(1) Saiful Islam Tapu, Institute of Social Welfare & Research (Programme); (2) Wubaidullah Ridwan, Department of Information Science & Library Management (Communication); (3) Sabbir Al Mahfuz, Department of Bangla (Organization); (4) Md Shahin Alam, Department of Political Science (Finance); (5) Md Sohag Hossain, Department of Islamic History & Culture (Public Relations & Publication); (6) Nigar Sultana, Department of Zoology (Training & Development); (7) Most Monira Khatun, Department of Sangskrit (Den Management).

Rover mates

There are 28 rover mates to help the Senior Rover Mates in the scouting activities and promote the scouting as well as decorate the patrol system and 7 units properly.

Rover Den (Office)

The Rover Den is situated on the 1st floor (west side) of TSC. It functions two days a week. Weekly crew-meetings and mate-meetings are held every Thursday (4.00pm-6.00pm) and every Monday (4.00pm-6.00pm), respectively. Weekly crew-meetings are held at old swimming pool area of TSC. There are Rover Scout Leader Council and Mate Council to implement the rover program properly.

Scholarship

In this academic session, 50 Rover Scouts were given scholarship of amount BDT 300 per month (each) for one year on the basis of their satisfactory activities, good attitude and sound academic performance. In addition, full free studentship was also granted to another 50 Rover Scouts.

Science Workshop

Science workshop has been rendering service on electric, electronic, mechanical, welding, optical, carpentry, plumbing, air-condition and refrigeration works for the Faculty of Science, Biological Science, Pharmacy, Earth and Environmental Sciences, Engineering and Technology faculties. All machineries of the Departments of Science, Biological Science, Pharmacy, Earth and Environmental Science and Engineering and Technology faculties are being repaired and work related to research projects are also done efficiently. The function of science workshop has increased more than the past because of increasing numbers of students and import of modern machineries for the faculties. By the Syndicate order dated, 09/11/1995, Science Workshop has been made responsible to repair and maintain all kinds of air-conditioners and fridges of all departments, offices, halls, institutes, senate bhaban and libraries.

Workshop Committee

As per Syndicate Resolution 06/09/2009, Science Workshop Committee has been formed for a period of July 2020 - June 2022. The committee for July 2020-2022 are as follows:

1. Dean, Faculty of Science, DU - Chairman.
2. Dean, Faculty of Biological Science, DU - Member.
3. Dean, Faculty of Pharmacy, DU - Member.
4. Dean, Faculty of Earth & Environmental Science, DU - Member
5. Prof. Dr. Saeed Mahmud Ullah, Dept. of Electrical & Electronic Engineering, DU - Member
6. Chairman, Dept. of Chemistry, DU - Member.
7. Chairman, Dept. of Zoology, DU - Member.
8. Chairman, Dept. of Physics, DU - Member
9. Chairman, Dept. of Genetic Engineering & Bio-technology, DU - Member.
10. In-charge, Science Workshop, DU - Member-Secretary.

The Science Workshop has the following sections

1. **Electric and Electronics Section:** All kinds of electric and electronic works like repairing of distilled water plant, water bath, stabilizer, dehumidifier, electric oven, water heater, auto clave, magnetic starter, microscope, micro oven, incubator, projector, grinding machine, spectrophotometer, digital balance, mechanical balance, oscilloscope, UPS, linear flow, IPS, shaker machine, centrifuge, charger machine, vacuum pump, power supply, various electric & electronics circuit based machines are done in this section.
2. **Mechanical Section:** All kinds of mechanical repair works are done in this section.
3. **Welding Section:** All kinds of research and laboratory related welding works are done in this section.
4. **Carpentry Section:** All kinds of wooden works (except window and door) are done in this section.
5. **Plumbing Section:** All kinds of sanitary works, repair of water lines are completed in this section.

6. **Air-Condition/Refrigeration Section:** Air condition and refrigeration works of all departments of the University, hall, institute, office, senate bhaban and library are done in this section. New air condition installations are also carried out by this section.

7. **Optical Section:** Different types of microscopes are repaired in this section.

Moreover, 1st year B. Sc (Hons.) students of the Department of Applied Chemistry and Chemical Engineering from the session 2013 - 2014 and 1st year B.Sc. (Hons.) studentS of the Department of Nuclear Engineering from the session of 2015 - 2016 are being demonstrated practically of the mechanical, carpentry, welding, pipe fitting, refrigeration and air condition systems in the Science Workshop following their course curriculum.

Officers of Science Workshop:

(1) Prof. Dr. Mohammad Minul Karim, In-Charge; (2) Mujibar Rahman, Principal. Technical Officer; (3) Ananda Chandra Sarker, Senior Technical Officer (AC & Freeze Section); (4) Qazi Sayedul Islam, Senior Mechanical Foreman; (5) Mohammad Aminur Rahman, Senior Technical Officer (Electrical Section); (6) Md. SumanBakaul, Assistant Engineer (A.C/Freeze Section); (7) Md. Abul Faiz, Technical Officer, (Electronic Section); (8) Md. Abu Sayyem, Technical Officer (A/C & Freeze Section); (9) Md. AkramHossain, Technical Officer (Electrical Section); (10) Md. Ashraf Uddin Khan, Assistant Engineer (Instrument, Optical cum Mechanical); (11) Md. Rezwanul Haque, Assistant Engineer (Instrument, Electrical/Electronics).

At present the number of Class III Technical employees is 16 (Sixteen) and Class IV Technical and non technical employees is 06 (Six) .Vacant post of Instrument Engineer (Electronics Section) is 01 (One), Electric Mechanic is 01 (One), Carpenter is 01 (One), Assistant Plumber is 01 (One), and Helper to Storekeeper is 01 (One).

Estate Office (1921/1993)

The Estate Office is an independent and important office of the University of Dhaka. To provide quick and efficient services the office of the Estate is governed with following activities through its following sections.

House Allotment Section: This section deals with allotment of houses, bungalows, bachelor apartments and Garage to the teachers, officers and employees. All activities relating to Nabab Nawab Ali Chowdhury Senate Bhaban, Land and all properties of University of Dhaka are also performed from this section.

Market Section: This section allots and collects rent from Green super market, Katabon market, campus itinerant shops, three Banks, three ATM Booths within the campus.

Security Section: This section performs activities including providing security in campus and residential areas, maintains liaison with law and enforcing authorities, managing sue on behalf of the university, ensuring campus cleanliness in coloboration with City Corporation and assigning responsibilities to the 270 4th class employees of the Estate office.

Estate Manager (Acting)

Mrs. Fatema Binte Mustafa

Senior Security Officer

Md. Akkas Ali

Assistant Estate Manager

(1) Md. Ali Ashraf; (2) Md. Abdur Rahim; (3) A. K. M. Atikul Islam; (4) Md. Younus Mridha; (5) Md. Nizamul Haq; (6) Md. Rofiqul Islam; (7) M. A. Shaheen; (8) Md. Omer Faruque.

Senior Secretary (Nabab Nawab Ali Chowdhury Senate Bhaban)

Mrs. Rasida Akter Chowdhury

Senior Technical Officer

Md. Abul Hasem Khondakar

Section Officer (Security Section)

Md. Shahed Mia

Section Officer (Market Section)

Mohammad Jahangir Alam

Section Officer (House Allotment Section)

(1) Md. Abdul Kadir; (2) Mohammad Salim Reza; (3) Md. Aminul Islam; (4) Md. Nayamat Ullah Sarkar.

ICT (Information and Communication Technology) Cell (2017)

Dhaka University ICT (Information and Communication Technology) Cell was formed in November 2017 as per the proposal of University Grants Commission.

Dhaka University's overall internet service expansion and maintenance, regular update on university website and all types of e-mail related services are provided through ICT (Information and Communication Technology) Cell. Mohammad Asif Hossain Khan PhD, professor in the Department of Computer Science and Engineering, has been working as the director of ICT (Information and Communication Technology) Cell since its inception.

At present, the old PABX telephone lines of Dhaka University are being replaced and IP telephones are being installed and expanded.

In December 2017, Dhaka University Cyber Center located at TSC was included in the ICT (Information and Communication Technology) Cell with manpower. The overall development of the cyber center is currently underway as per the plans to transform this center into a world-class training center.

Another wing of the ICT (Information and Communication Technology) Cell is implementing the process of automation by digitizing all the activities of the administrative departments of Dhaka University.

Notable works performed by ICT (Information and Communication Technology) Cell in the last one year:

- Provide regular technical assistance to celebrate the golden jubilee of independence, Bangabandhu's birth centenary, International Mother Language Day and University Day and other national and university days through virtual meetings.
- Provide technical support for conducting all regular meetings of the University through the Virtual meeting, including the Tender Evaluation Committee, Finance Committee, Deans' Committee, Provost Committee and Syndicate Meeting at the present changed state.
- A significant improvement has been done to develop the network and server infrastructure of Dhaka University.
- All other support and services, including the Internet, network, hardware and IP phones, are running smoothly in this changed state.
- A new world class web-portal is completed to provide modern look and feel and display information in an organized way.
- Developed Hall Management System. Piloting has been completed successfully.
- Developed and published Dhaka University mobile App in Google App Store and Apple Store.
- Developed Leave Management System and deployed for piloting.
- Work is underway on Learning Management System and Exam & Result Management System.

International Affairs Office (2019)

For the purpose of publishing the annual report for the academic year 2020-2021, the following is an introduction and brief minutes in the International Student Affairs Office:

Office of the international affairs at Dhaka University was opened last (11/07/2019 on the recommendation of the Deans Committee) on 29/09/2019 with the approval of the Syndicate. Through the letter of the Registrar's Office dated 02/10/2019 (No. Reg: Prosha-1/34327) Prof. Dr. Imtiaz Ahmed was appointed as the Director (Honorary) of the Office of International Affairs.

Honorary Director, of the Office of International Affairs, Professor Dr. Imtiaz Ahmed handles all foreign related activities like foreign student admission, foreign university exchange, foreign email, MoU, Commonwealth etc. At present, there is a temporary office of the Office of the International Affairs in Room-313 of the CARRS Building. Since the admission of foreign students is approved by the Hon'ble Pro-Vice-Chancellor (Academic), all the activities are completed in Room No. 212 in the Education-5 branch as per the rules of the Ministry of Foreign Affairs and the Ministry of Education. In the opinion of the Hon'ble Pro-Vice Chancellor (Academic) of the concerned Equality Determination Committee, after the recommendation of the Departmental Academic Committee, preliminary approval is given according to the eligibility of the student for admission.

If the admission permit is issued, the student is admitted by depositing the equivalent of US\$ 500 in case of SAARC membership and US\$-1200 in case of non-SAARC membership. Foreign student visas are issued by the Immigration and Passport Office for one year on the recommendation of the departmental chairman.

Every year a student comes to study at Dhaka University with a scholarship of 9600 US dollars equivalent to a scholarship from the Commonwealth Association. From 2015 to 2021, a total of 7 students from

Commonwealth Association have studied at Dhaka University. In addition, most foreign students come to study at various medical colleges under the Dean Medicine, University of Dhaka including the Institute of Modern Languages. On an average, 15-20 foreigners come to study in other departments of the university every year. Admission guidelines regarding admission of foreign students are displayed on the Website of Dhaka University.

An average of 40 foreign students from different countries comes to study at the Institute of Modern Languages. Day after day Global Interest is increasing to learn International Mother Language of Bangla courses at University of Dhaka. Many foreigners are coming to take education in various institutions affiliated to the medical faculty as the cost of education is less than other countries (approximately 9000 Students). Under the Education Agreement, the Office of the International Affairs along with office of the Registrar (Administration-3) both are in the forefront in establishing relations with various universities around the world.

The application of the student is sent to the Registrar of Dhaka University through the Ministry of Education after verification by the Ministry of Foreign Affairs in the branch of International Student Affairs (Education-5) as the link office of the Office of the International Affairs. Admission of Foreign Students, Issuance of Admission letter by the approval of Pro-Vice Chancellor (Academic), NOC, Exchange Program, Commonwealth Scholarship Assessment, Issuance of Certificates to Foreign Students, Visa Extension Letter as per Chairman's Recommendation, Non-Employment Certificate as per Departmental Recommendation, MoU and Various Information Search Emails Overseas cooperation is extended to foreign students by continuing to exchange information on admissions of students from different countries.

Dhaka University Central Students' Union (DUCSU) (2019)

President

Vice-Chancellor Professor Dr. Md. Akhtaruzzaman

Treasurer

Professor Shibli Rubayat Ul Islam, Dean of the Faculty of Business Studies

Vice-President: Md. Nurul Haque, General Secretary: Golam Rabbani, Assistant General Secretary: Saddam Hussain, Independence Struggle and Liberation War Affairs Secretary: Sad Bin Kader Chowdhury, Science and Technology Secretary: Md. Arif Ibne Ali, Common Room & Cafeteria Secretary: Lipi Akther, International Affairs Secretary: Shahrima Tanjin Arni, Literature Secretary: Mazharul Kabir Shayon, Culture Secretary: Asif Talukder, Sports Secretary: Shakil Ahamed Tanvir, Student Transport Secretary: Md. Shams E Noman, Social Service Secretary: Akhter Hossain. Members: Joshiah Sangma Chibol, Md. Rakibul Islam Oitijjo, Md. Tanbir Hasan Shaikat, Tilottama Sikder, Nipo Islam Tonne, Raisa Naser, Sabrina Eti, Rakibul Hasan Rakib, Nazrul Islam, Mst. Farida Pervin, Md. Mahmudul Hasan, Md. Saiful Islam Rasel and Mohammad Rafiqul Islam Sabuj

DUCSU Election was held on March 11, 2019.

Appendices
Appendix-A
List of Martyred Teachers of Dhaka University

ঢাকা বিশ্ববিদ্যালয়ের শহীদ শিক্ষকবৃন্দ		
ক্রমিক নং	শহীদ শিক্ষক	অনুষদ/বিভাগ/ইনস্টিটিউট
০০১	অনুদ্বৈপায়ন ভট্টাচার্য	ফলিত পদার্থবিজ্ঞান বিভাগ
০০২	আতাউর রহমান খান খাদিম	পদার্থবিজ্ঞান বিভাগ
০০৩	আবু নযীম মোহাম্মদ মুনির চৌধুরী (মোঃ মুনির চৌধুরী)	বাংলা বিভাগ
০০৪	আবু নাসের মোহাম্মদ মুনিরউজ্জামান (এ এন এম মুনিরউজ্জামান)	পরিসংখ্যান বিভাগ
০০৫	আ ন ম ফয়জুল মহী	শিক্ষা ও গবেষণা ইনস্টিটিউট
০০৬	এম এ মুজাদির	ভূতত্ত্ব বিভাগ
০০৭	গিয়াসউদ্দীন আহমদ	ইতিহাস বিভাগ
০০৮	গোবিন্দচন্দ্র দেব (জি সি দিব)	দর্শন বিভাগ
০০৯	জ্যোতির্ময় গুহঠাকুরতা	ইংরেজি বিভাগ
০১০	ফজলুর রহমান খান	মৃত্তিকাবিজ্ঞান বিভাগ
০১১	মুহম্মদ আনোয়ার পাশা	বাংলা বিভাগ
০১২	আবুল খায়ের	ইতিহাস বিভাগ
০১৩	মোঃ সাদত আলী	শিক্ষা ও গবেষণা ইনস্টিটিউট
০১৪	মোফাজ্জল হায়দার চৌধুরী	বাংলা বিভাগ
০১৫	শরাফত আলী	গণিত বিভাগ
০১৬	শেখ মোহাম্মদ আবদুর রশীদ (এস এম এ রাশীদুল হাসান)	ইংরেজি বিভাগ
০১৭	সন্তোষচন্দ্র ভট্টাচার্য	ইতিহাস বিভাগ
০১৮	সিরাজুল হক খান	শিক্ষা ও গবেষণা ইনস্টিটিউট
ঢাকা বিশ্ববিদ্যালয়ের শিক্ষক পরিবারের শহীদ সদস্যবৃন্দ		
শহীদ অধ্যাপক আবু নাসের মোহাম্মদ মুনিরউজ্জামান-এর পরিবারের শহীদ সদস্যবৃন্দ		
ক্রমিক নং	শহীদ পরিবার সদস্য	সম্পর্ক
০১৯	অ্যাডভোকেট শামসউজ্জামান	ভাই
০২০	আ ক ম আকরামউজ্জামান	ছেলে
০২১	সৈয়দ নাসিরুল ওহাব (মন্জুর)	ভাগ্নে

শহীদ অধ্যাপক ফজলুর রহমান খান-এর পরিবারের শহীদ সদস্য		
ক্রমিক নং	শহীদ পরিবার সদস্য	সম্পর্ক
০২২	ক্যাডেট মোহাম্মদ কাঞ্চন	ভাগ্নে
ইউনিভার্সিটি ল্যাবরেটরি স্কুলের শহীদ শিক্ষক		
ক্রমিক নং	শহীদ শিক্ষক	বিভাগ/দপ্তর
০২৩	মুহাম্মদ সাদেক	অধ্যক্ষ (ভারপ্রাপ্ত)
ঢাকা বিশ্ববিদ্যালয়ের শহীদ কর্মকর্তা		
ক্রমিক নং	শহীদ কর্মকর্তা	বিভাগ/দপ্তর
০২৪	ডা: মোহাম্মদ মোর্তজা	ঢাকা বিশ্ববিদ্যালয় চিকিৎসা কেন্দ্র
ঢাকা বিশ্ববিদ্যালয়ের কর্মকর্তা পরিবারের শহীদ সদস্য		
জনাব আফসারউদ্দীন আহমেদ-এর পরিবারের শহীদ সদস্য		
ক্রমিক নং	শহীদ পরিবার সদস্য	সম্পর্ক
০২৫	মানিক	ছেলে
ঢাকা বিশ্ববিদ্যালয়ের শহীদ অনাবাসিক ছাত্রবৃন্দ		
ক্রমিক নং	শহীদ ছাত্র	অনুষদ/বিভাগ/ইনস্টিটিউট
০২৬	অমিতকুমার বসাক	সরকারি চারু ও কারুকলা মহাবিদ্যালয় (চারুকলা অনুষদ)
০২৭	অরুণ চন্দ	অর্থনীতি বিভাগ
০২৮	অরুণ চৌধুরী	অর্থনীতি বিভাগ
০২৯	আতাউর রহমান	মৃত্তিকাবিজ্ঞান বিভাগ
০৩০	আতিকুর রহমান	ইংরেজি বিভাগ
০৩১	আব্দুল কুদ্দুস	মৃত্তিকাবিজ্ঞান বিভাগ
০৩২	আবদুল্লাহ হারুন	মৃত্তিকাবিজ্ঞান বিভাগ
০৩৩	আব্দুস সালাম	মৃত্তিকাবিজ্ঞান বিভাগ
০৩৪	আলাউদ্দীন মোহাম্মদ জাহীন	ইংরেজি বিভাগ
০৩৫	জাহাঙ্গীর মুনির	আইন বিভাগ
০৩৬	পঙ্কজকুমার বসু	ইতিহাস বিভাগ
০৩৭	বদিউল আলম বদি বীর বিক্রম	অর্থনীতি বিভাগ
০৩৮	মাসুকার রহমান	পদার্থবিজ্ঞান বিভাগ
০৩৯	মোঃ আশরাফ হোসেন	মৃত্তিকা বিভাগ

০৪০	মোহাম্মদ শাহনেওয়াজ	সরকারি চারু ও কারুকলা মহাবিদ্যালয় (চারুকলা অনুষদ)
০৪১	মোস্তফা কামাল শাহরিয়ার	বাংলা বিভাগ
০৪২	মোহাম্মদ ওয়াজিউল্লাহ পাটোয়ারী	শিক্ষা ও গবেষণা ইনস্টিটিউট
০৪৩	রেজাউল করিম মানিক বীর প্রতীক	ইতিহাস বিভাগ
০৪৪	শেখ মোহাম্মদ আব্দুল্লাহিল বাকী বীর প্রতীক	রাষ্ট্রবিজ্ঞান বিভাগ
০৪৫	সৈয়দ রুহুল আমিন	আইন বিভাগ
ঢাকা বিশ্ববিদ্যালয়ের শহীদ আবাসিক ছাত্রবৃন্দ		
জগন্নাথ হল		
ক্রমিক নং	শহীদ ছাত্র	অনুষদ/বিভাগ/ইনস্টিটিউট
০৪৬	অজিত রায়চৌধুরী	পাকসেনারা ফাইল পুড়িয়ে দেয়ায় অজ্ঞাত
০৪৭	আনন্দকুমার দত্ত	পাকসেনারা ফাইল পুড়িয়ে দেয়ায় অজ্ঞাত
০৪৮	উপেন্দ্রনাথ রায়	পদার্থবিজ্ঞান বিভাগ
০৪৯	কার্তিকচন্দ্র শীল	ইংরেজি বিভাগ
০৫০	কিশোরীমোহন সরকার	ইংরেজি বিভাগ
০৫১	কেশবচন্দ্র হালদার	গণিত বিভাগ
০৫২	গণপতি হালদার	রসায়ন বিভাগ
০৫৩	জীবনকৃষ্ণ সরকার	রসায়ন বিভাগ
০৫৪	দীনেশচন্দ্র শিকদার	পাকসেনারা ফাইল পুড়িয়ে দেয়ায় অজ্ঞাত
০৫৫	ননীগোপাল ভৌমিক	পদার্থবিজ্ঞান বিভাগ
০৫৬	নিরঞ্জন চন্দ	পাকসেনারা ফাইল পুড়িয়ে দেয়ায় অজ্ঞাত
০৫৭	নিরঞ্জনপ্রসাদ সাহা	পদার্থবিজ্ঞান বিভাগ
০৫৮	নিরঞ্জন হালদার	পদার্থবিজ্ঞান বিভাগ
০৫৯	নির্মলকুমার রায়	পাকসেনারা ফাইল পুড়িয়ে দেয়ায় অজ্ঞাত
০৬০	পল্টন দাস	পাকসেনারা ফাইল পুড়িয়ে দেয়ায় অজ্ঞাত
০৬১	প্রদীপনারায়ণ রায়চৌধুরী	পাকসেনারা ফাইল পুড়িয়ে দেয়ায় অজ্ঞাত
০৬২	প্রবীর পাল	পাকসেনারা ফাইল পুড়িয়ে

		দেয়ায় অজ্ঞাত
০৬৩	বরদাকান্ত তরফদার	ভূতত্ত্ব বিভাগ
০৬৪	বিধানচন্দ্র ঘোষ	ইংরেজি বিভাগ
০৬৫	বিমলচন্দ্র রায়	পরিসংখ্যান বিভাগ
০৬৬	ভবতোষ ভৌমিক	পাকসেনারা ফাইল পুড়িয়ে দেয়ায় অজ্ঞাত
০৬৭	মনোরঞ্জন বিশ্বাস	গণিত বিভাগ
০৬৮	মুরারীমোহন বিশ্বাস	অর্থনীতি বিভাগ
০৬৯	মুণালকান্তি বোস	অর্থনীতি বিভাগ
০৭০	রণদাপ্রসাদ রায়	গণিত বিভাগ
০৭১	রবীন রায়	পাকসেনারা ফাইল পুড়িয়ে দেয়ায় অজ্ঞাত
০৭২	রমণীমোহন ভট্টাচার্য	দর্শন বিভাগ
০৭৩	রাখালচন্দ্র রায়	গণিত বিভাগ
০৭৪	রুপেন্দ্রনাথ সেন	রসায়ন বিভাগ
০৭৫	শিবকুমার দাস	মৃত্তিকাবিজ্ঞান বিভাগ
০৭৬	শিশুতোষ দত্ত চৌধুরী	ইংরেজি বিভাগ
০৭৭	সত্যরঞ্জন দাস	রসায়ন বিভাগ
০৭৮	সত্যরঞ্জন নাগ	পাকসেনারা ফাইল পুড়িয়ে দেয়ায় অজ্ঞাত
০৭৯	সন্তোষকুমার রায়	মৃত্তিকাবিজ্ঞান বিভাগ
০৮০	সন্তোষচন্দ্র রায়	উদ্ভিদবিজ্ঞান বিভাগ
০৮১	সুজিত দত্ত	বাণিজ্য বিভাগ
০৮২	সুব্রত সাহা	পাকসেনারা ফাইল পুড়িয়ে দেয়ায় অজ্ঞাত
০৮৩	সুভাষচন্দ্র চক্রবর্তী	পরিসংখ্যান বিভাগ
০৮৪	সুভাষচন্দ্র ভট্টাচার্য	পাকসেনারা ফাইল পুড়িয়ে দেয়ায় অজ্ঞাত
০৮৫	সুশীলচন্দ্র দাস	মৃত্তিকাবিজ্ঞান বিভাগ
০৮৬	স্বপনকুমার চৌধুরী	পরিসংখ্যান বিভাগ
০৮৭	হরিনারায়ণ দাস	সমাজবিজ্ঞান বিভাগ
ফজলুল হক মুসলিম হল		
ক্রমিক নং	শহীদ ছাত্র	অনুষদ/বিভাগ/ইনস্টিটিউট
০৮৮	শেখ আবুল ফজল	রসায়ন বিভাগ

০৮৯	মোঃ আবদুস সালাম	ভূতত্ত্ব বিভাগ
০৯০	মোঃ আবুল কাশেম	ভূতত্ত্ব বিভাগ
০৯১	মোঃ গোলাম মাহমুদ	প্রাণরসায়ন বিভাগ
০৯২	মোঃ নজরুল ইসলাম	বাংলা বিভাগ
০৯৩	মোঃ মোস্তাক হোসেন	মৃত্তিকাবিজ্ঞান বিভাগ
০৯৪	মোঃ সিকান্দার আলী	ফার্মেসি বিভাগ
শহীদ সার্জেন্ট জহুরুল হক হল		
ক্রমিক নং	শহীদ ছাত্র	অনুষদ/বিভাগ/ইনস্টিটিউট
০৯৫	আবু তাহের পাঠান	আইন বিভাগ
০৯৬	আবুল কালাম	বাণিজ্য বিভাগ
০৯৭	এ টি এম জাফর আলম	মৃত্তিকাবিজ্ঞান বিভাগ
০৯৮	চিশতি শাহ হেলালুর রহমান	দর্শন বিভাগ
০৯৯	জাহাঙ্গীর মুনীর	বাংলা বিভাগ
১০০	মোঃ আশরাফ আলী খান	রাষ্ট্রবিজ্ঞান বিভাগ
১০১	সালেহ আহাম্মদ মজুমদার	আইন বিভাগ
শহীদুল্লাহ হল		
ক্রমিক নং	শহীদ ছাত্র	অনুষদ/বিভাগ/ইনস্টিটিউট
১০২	জালালুদ্দিন হায়দার	ফলিত পদার্থবিজ্ঞান বিভাগ
সলিমুল্লাহ মুসলিম হল		
ক্রমিক নং	শহীদ ছাত্র	অনুষদ/বিভাগ/ইনস্টিটিউট
১০৩	আবদুল ওয়াদুদ	দর্শন বিভাগ
১০৪	ওয়াহিদুর রহমান	পাকসেনারা ফাইল পুড়িয়ে দেয়ায় অজ্ঞাত
১০৫	নজরুল ইসলাম	পাকসেনারা ফাইল পুড়িয়ে দেয়ায় অজ্ঞাত
১০৬	নাসিম মোহসিন	ইংরেজি বিভাগ
১০৭	নিজামুদ্দিন আজাদ বীর উত্তম	পাকসেনারা ফাইল পুড়িয়ে দেয়ায় অজ্ঞাত
১০৮	মিয়া শাহজাহান কবির	পাকসেনারা ফাইল পুড়িয়ে দেয়ায় অজ্ঞাত
১০৯	মোঃ সলিমুল্লাহ	পাকসেনারা ফাইল পুড়িয়ে দেয়ায় অজ্ঞাত
১১০	মোহাম্মদ আজমলুল হক	বাংলা বিভাগ

১১১	লুৎফুল আজিম	গণিত বিভাগ
১১২	শেখ আবদুস সালাম	ইংরেজি বিভাগ
১১৩	সিকান্দার হায়াত খান	পাকসেনারা ফাইল পুড়িয়ে দেয়ায় অজ্ঞাত
১১৪	সৈয়দ শাহজামাল চৌধুরী	আইন বিভাগ
সূর্যসেন হল		
ক্রমিক নং	শহীদ ছাত্র	অনুষদ/বিভাগ/ইনস্টিটিউট
১১৫	জিন্নুর মুরশিদ	ইতিহাস বিভাগ
১১৬	বদিউল আলম	অর্থনীতি বিভাগ
১১৭	মোঃ আতাউর রহমান	রাষ্ট্রবিজ্ঞান বিভাগ
১১৮	মোঃ আব্দুর রহিম	অর্থনীতি বিভাগ
১১৯	মোঃ আমিরুস সালাম	ভূগোল বিভাগ
১২০	মোঃ মনিরুজ্জামান	অর্থনীতি বিভাগ
১২১	শামসুজ্জামান বীর উত্তম	মৃত্তিকাবিজ্ঞান বিভাগ
হাজী মুহম্মদ মুহসিন হল		
ক্রমিক নং	শহীদ ছাত্র	অনুষদ/বিভাগ/ইনস্টিটিউট
১২২	খাজা নিজামুদ্দিন ভূঞা	বাণিজ্য বিভাগ
১২৩	খোন্দকার আবু তাহের	পাকসেনারা ফাইল পুড়িয়ে দেয়ায় অজ্ঞাত
১২৪	জহিরুল ইসলাম	বাণিজ্য বিভাগ
১২৫	জাহাঙ্গীর হায়দার খান	পাকসেনারা ফাইল পুড়িয়ে দেয়ায় অজ্ঞাত
১২৬	মনজুর চৌধুরী	পাকসেনারা ফাইল পুড়িয়ে দেয়ায় অজ্ঞাত
১২৭	মনোয়ার হোসেন	লোকপ্রশাসন বিভাগ
১২৮	মিরাজউদ্দিন	সমাজবিজ্ঞান বিভাগ
১২৯	মোশাররফ হোসেন	অর্থনীতি বিভাগ
১৩০	সেকেন্দ লেফটন্যান্ট আশফাকুস সামাদ বীর উত্তম	পরিসংখ্যান বিভাগ
ঢাকা বিশ্ববিদ্যালয়ের শহীদ কর্মচারীবৃন্দ		
ক্রমিক নং	শহীদ কর্মচারী	অনুষদ/বিভাগ/ইনস্টিটিউট

১৩১	আবদুল খালেক	রোকেয়া হল
১৩২	আবদুল জলিল	শহীদ সার্জেন্ট জহুরুল হক হল
১৩৩	আবদুল মজিদ	ঢাকা বিশ্ববিদ্যালয় ক্লাব
১৩৪	আবদুস শহিদ	ছাত্র শিক্ষক কেন্দ্র
১৩৫	আবদুস সামাদ	ছাত্র শিক্ষক কেন্দ্র
১৩৬	আলী আহমেদ পালোয়ান	বাংলা নং-৬
১৩৭	আলী হোসেন	ঢাকা বিশ্ববিদ্যালয় ক্লাব
১৩৮	আহমেদ আলী	রোকেয়া হল
১৩৯	এ কে এম আব্দুল্লাহ ভূঞা	শিক্ষা ও গবেষণা ইনস্টিটিউট
১৪০	খগেন্দ্রচন্দ্র দে	দর্শন বিভাগ
১৪১	জওহরলাল রাজভর	উদ্ভিদবিজ্ঞান বিভাগ
১৪২	দাসুরাম	উপাচার্য ভবন
১৪৩	দুঃখীরাম মঞ্জল	জগন্নাথ হল
১৪৪	নমী রায়	রোকেয়া হল
১৪৫	নোনা মিয়া	সরকারি চারু ও কারুকলা মহাবিদ্যালয় (চারুকলা অনুষদ)
১৪৬	পিরুমিয়া (পীর মুহম্মদ)	রেজিস্ট্রার দপ্তর
১৪৭	প্রিয়নাথ রায়	জগন্নাথ হল
১৪৮	মনভরণ রায়	নিপা ভবন
১৪৯	মিশ্রী রাজভর	প্রকৌশল দপ্তর
১৫০	মোঃ আবদুর রাজ্জাক ভূইয়া	উদয়ন উচ্চ মাধ্যমিক বিদ্যালয়
১৫১	মোঃ চুল্লু মিয়া	রোকেয়া হল
১৫২	মোঃ নুরুল ইসলাম	রোকেয়া হল
১৫৩	মোঃ শামছুদ্দীন	শহীদ সার্জেন্ট জহুরুল হক হল
১৫৪	মোঃ সোলায়মান খান	রোকেয়া হল
১৫৫	মোঃ হাফিজউদ্দিন	রোকেয়া হল
১৫৬	লাড্ডুলাল	ছাত্র শিক্ষক কেন্দ্র
১৫৭	শামছুল হক মজুমদার	ইউ ও টি সি (বি এন সি সি)
১৫৮	শিবপদ কুটী (অনিয়মিত)	জগন্নাথ হল
১৫৯	শিব্র মোদক	জগন্নাথ হল
১৬০	সিরাজুল হক	ঢাকা বিশ্ববিদ্যালয় ক্লাব
১৬১	সুনীলচন্দ্র দাস	জগন্নাথ হল
১৬২	সুশীলচন্দ্র দে	প্রকৌশল দপ্তর
১৬৩	সোহরাব হোসেন	ঢাকা বিশ্ববিদ্যালয় ক্লাব

ঢাকা বিশ্ববিদ্যালয়ের শহীদ কর্মচারী পরিবারের শহীদ সদস্যবৃন্দ		
ক্রমিক নং	শহীদ পরিবার সদস্য	সম্পর্কিত শহীদ কর্মচারী
১৬৪	আবদুস সাত্তার সরকার	শহীদ আহমেদ আলী
১৬৫	ছায়ারানী রায়	শহীদ নমী রায়
১৬৬	নূরজাহান (নূরী)	শহীদ আবদুল খালেক
১৬৭	বীরু রায়	শহীদ নমী রায়
১৬৮	মতিলাল দে	শহীদ খগেন্দ্রচন্দ্র দে
১৬৯	মায়ারানী রায়	শহীদ নমী রায়
১৭০	শঙ্কর রায়	শহীদ নমী রায়
১৭১	শান্তি রায়	শহীদ নমী রায়
১৭২	শিবু রায়	শহীদ নমী রায়
১৭৩	সুন্দরী রায়	শহীদ নমী রায়
ঢাকা বিশ্ববিদ্যালয়ের প্রাক্তন কর্মচারী পরিবারের শহীদ সদস্যবৃন্দ		
ক্রমিক নং	শহীদ পরিবার সদস্য	সম্পর্কিত প্রাক্তন কর্মচারী
১৭৪	আফিয়া বেগম	আলী আক্বাস
১৭৫	আবুল হোসেন	গিয়াসউদ্দিন
১৭৬	আলমগীর হোসেন	আলী আক্বাস
১৭৭	ছাদেক আলী	নেওয়াজ আলী
১৭৮	ছামিরুননেছা	নেওয়াজ আলী
১৭৯	জাহাঙ্গীর আলম	আলী আক্বাস
১৮০	জিন্নাতুননেছা	মনিরউদ্দিন
১৮১	তোফায়েল আহম্মেদ	নেওয়াজ আলী
১৮২	নাহার	আলী আক্বাস
১৮৩	পারভীন	আলী আক্বাস
১৮৪	মোঃ নাসিরউদ্দিন	গিয়াসউদ্দিন
১৮৫	মোসলেমউদ্দিন	গিয়াসউদ্দিন
১৮৬	মোহাম্মদ আলী	মনিরউদ্দিন
১৮৭	রাশিদা বেগম	আলী আক্বাস
১৮৮	রাশিদা বেগম	মনিরউদ্দিন
১৮৯	সুরাইয়া বেগম	মনিরউদ্দিন
১৯০	সোবহান	মনিরউদ্দিন
ঢাকা বিশ্ববিদ্যালয়ের মধুর ক্যান্টিনের শহীদ ব্যবস্থাপক		

ক্রমিক নং	শহীদ পরিবার সদস্য	কর্মস্থল
১৯১	মধুসুদন দে (মধুদা)	মধুর ক্যান্টিন
শহীদ মধুসুদন দে-এর পরিবারের শহীদ সদস্যবৃন্দ		
ক্রমিক নং	শহীদ পরিবার সদস্য	সম্পর্ক
১৯২	যোগমায়া দে	স্ত্রী
১৯৩	রণজিতকুমার দে	পুত্র
১৯৪	রিনা রানী দে	পুত্রবধু

Appendix-B : Honoris Causa
List of Recipients of Honorary Doctorates

Year	Name	Degree
1922	The Rt. Hon'ble the Earl of Ronaldshay G.C.I., The First Chancellor	Doctor of Laws
1925	Philip Joseph Hartog, CIE The First Vice-Chancellor	Doctor of Laws
1927	The Rt. Hon'ble the Earl of Lytton Ex-Chancellor of the University	Doctor of Laws
1927	Mahamahopadhyaya Haraprasad Shastri, CIE, the First Head of the Department of Sanskrit & Bengali	Doctor of Literature
1932	The Rt. Hon'ble Sir Francis Stanley Jackson, PC, GCSI., GCIE Ex-Chancellor of the University	Doctor of Laws
1932	Sir Chandrasekhare Venkot Raman, Kt Eminel Scientist, Nobel Prize Winner	Doctor of Science
1936	The Rt. Hon'ble Sir John Anderson Ex-Chancellor of the University	Doctor of Laws
1936	Sir Abdur Rahim, KCSI, Kt	Doctor of Laws
1936	Sir Jagadis Chandra Basu, DSc	Doctor of Science

1936	Sir Prafulla Chandra Roy, KTCIE, DSc, PhD, FCS, FASB	Doctor of Science
1936	Sir Jadunath Sarker, Eminent Historian	Doctor of Science
1936	Sir Mohammed Iqbal, Kt, MA, PhD, Bar-at-Law; Poet and Philosopher	Doctor of Literature
1936	Rabindranath Tagore, Nobel Laureate	Doctor of Literature
1936	Sarat Chandra Chattapadhyaya, Novelist	Doctor of Literature
1937	Sr AF Rahman, Ex-Vice-Chancellor	Doctor of Laws
1949	His excellency Khwaja Nazimuddin, Former Governor General of Pakistan	Doctor of Laws
1951	His Royal Highness the Right Hon'ble Aga Sultan Sir Mohammad Shah Aga Khan, PCKCIE, GCSI, GCIE, GCVO, LLD	Doctor of Laws
1952	His Excellency Dr. Abdul Wahab Azam, MA (London), D Litt. (Fuwad)	Doctor of Laws
1956	His Excellency Major General Iskander Mirza, Former Governor General of Pakistan	Doctor of Laws
1956	AK Fazlul Huq, MA, BL The Then Chancellor of the University	Doctor of Laws
1956	Madame Sung Ching Ling	Doctor of Laws
1960	Field Marshal Mohammad Ayub Khan HP, HJ, The Then President of Pakistan	Doctor of Laws
1960	His Excellency Jamal Abdel Nasser President of the United Arab Republic	Doctor of Laws
1965	His Excellency Mr. Chou-En Lai, Prime Minister of the People's	Doctor of Laws

	Republic of China	
1974	Professor Satyendra Nath Bose (Posthumous), Eminent Scientist	Doctor of Science
1974	Dr Muhammad Shahidullah (Posthumous)	Doctor of Literature
1974	Poet Kazi Nazrul Islam	Doctor of Literature
1974	Ustad Ali Akbar Khan	Doctor of Literature
1974	Dr. Hirendra Lal Dey	Doctor of Science
1974	Dr. Muhammed Quadrat-i-Khuda	Doctor of Science
1974	Dr. Qazi Motahar Hosain	Doctor of Science
1974	Professor Abul Fazal	Doctor of Literature
1993	Professor Abdus Salam, FRS, Nobel Laureate	Doctor of Science
1997	Dr. Federico Mayor, Director General, UNESCO	Doctor of Science
1999	Professor Amartya Sen, Nobel Laureate	Doctor of Science
1999	Sheikh Hasina Hon'ble Prime Minister, The People's Republic of Bangladesh	Doctor of Laws
2004	TunDr Mahathir bin Mohamad, Former Hon'ble President of Malaysia	Doctor of Laws
2007	Professor Dr. Muhammad Yunus Winner of Nobel Prize for Peace	Doctor of Laws
2008	Language Veteran ANM GaziulHaque	Doctor of Laws
2008	Language Veteran Abdul Matin	Doctor of Laws
2009	Professor Yuan T. Lee, Nobel Laureate, Scientist of Taiwan	Doctor of Science
2009	Professor Abul Hussam, World Famous Scientist, Professor of Jeorge Mason University, USA	Doctor of Science

	Ex-student of the University of Dhaka	
2009	Professor Ranajit Guha, eminent historian who has made a paradigm shift in the research on history of the sub-continent	Doctor of Literature
2010	Dr. Abdullah Gul, Hon'ble President of Turkey	Doctor of Laws
2011	Mr. Ban Ki Moon, Secretary General of United Nations	Doctor of Laws
2012	Mr. M. Pascal Lamy, Director General of the World Trade Organization	Doctor of Laws
2012	Ms. Irina Bokovo, Director General of UNESCO	Doctor of Laws
2013	Shri Pranab Mukherjee, Honourable President of the Republic of India	Doctor of Laws
2014	Professor Dr. Roif-Dieter Hever, Honourable Director General of the European Organization for Nuclear Research (CERN)	Doctor of Science
2015	Professor Dr. Francis Gurry, Honourable Director General of the World Intellectual Property Organization (WIPO)	Doctor of Laws
2017	Professor Amit Chakma, Honourable President & Vice Chancellor, The University of Western, Ontario, Canada	Doctor of Science
2019	Professor Dr. Takaaki Kajita, Director, Institute for Cosmic Ray Research, University of Tokyo, Japan	Doctor of Science

Appendix-C : Senate
List of Senate Members

As per Article 20(1) (a) (b) (c)

1. Vice-Chancellor
2. Pro-Vice-Chancellor(Academic)
3. Pro-Vice-Chancellor (Administration)
4. Treasurer

As per Article 20(1) (d) 5 Government Officials nominated by the Government

5. Additional Secretary (Admin. & Finance), Ministry of Education, Government of the People's Republic of Bangladesh, Bangladesh Secretariat, Dhaka
6. Additional Secretary (University), Ministry of Education, Government of the People's Republic of Bangladesh, Bangladesh Secretariat, Dhaka
7. Additional Secretary (Budget – 2), Finance Dept., Ministry of Finance, Government of the People's Republic of Bangladesh, Bangladesh Secretariat, Dhaka
8. Additional Secretary (University) Ministry of Education, Government of the People's Republic of Bangladesh, Bangladesh Secretariat, Dhaka
9. Joint Secretary (University), Ministry of Education, Government of the People's Republic of Bangladesh, Bangladesh Secretariat, Dhaka

As per Article 20(1)(e) 5 Members of the Parliament nominated by the Speaker

10. Mr. R.A.M. Obaidul Moktadir Chowdhury, (245, Brahmanbaria-3), Block-2/6, Ministers' Hostel, Sher-e-Bangla Nagar, Dhaka-1215. Residence # 202, House # 14, Road # 122, Gulshan # 02, Dhaka-1212. Permanent : Shekhar, Chinair, South Chinair, Vatsala-3450, Bramanbaria Sadar, Bramanbaria.

11. Mr. Dipankar Talukdar , (299, Rangamati Hill Tracts), Permanent : Dipalay, Champaknagar, P.O.- Rangamati-4500, Upazila: Rangamati Sadar, District: Rangamati Hill Tracts. House : Navana New Beri, Flat : C-10, 4/1/A, Sobhanbag, Mirpur Road, Dhanmondi, Dhaka.

12. Begum Meher Afroz, (198 Gazipur-5), Permanent : Village : Barhara, P.O.-Vagal Noapara, Kaliganj, Gazipur. Residence : Rima Bhaban, 10, Eskaton Garden, Ramna, Dhaka.

13. Mr. Md. Abdus Sobhan Miah, (220, Madaripur-3), Permanent : Village & P.O.- Uttar Ramjanpur, Upazila: Kalkini, District: Madaripur. Residence : 42, Minto Road, Ramna, Dhaka-1000.

14. Mr. Manjur Hossain, (211, Faridpur-1), Permanent : Village : Panail, P.O.-Panail, Upazila-Alfadanga, District-Faridpur. Residence : Flat No : 904, Building No : 6, Jatiya Sangsad Bhaban complex (Nam Bhaban), Jatiya Sangsad Bhaban, Dhaka-1207.

As per Article 20(1) (f) 5 distinguished educationists nominated by the Chancellor

15. Professor Dr. Fakrul Alam, UGC Professor, English Department, University of Dhaka. Residence : Flat-E-4, House-4, Road-2A, Block-J (North), Baridhara R/A, Dhaka.

16. Professor Dr. Farzana Islam, Vice-Chancellor, Jahangirnagar University, Savar, Dhaka.

17. Professor Dr. Md. Harunor Rashid Khan, Department of Soil, Water and Environment, University of Dhaka. Residence : Flat-F-7, Shaheed Munir Chowdhury Bhaban, Fular Road R/A, University of Dhaka.

18. Professor Dr. Golam Kibria Bhuiyan, former Dean, Faculty of Arts and Professor, Department of Islamic History and Culture, University of Chittagong, Chittagong.

19. Professor Dr. Khondoker Bazlul Hoque, Supernumerary Professor, Department of International Business, University of Dhaka. Residence : Karobi, 15/E, Digonto, Paribagh, Dhaka-1000.

As per Article 20(1)(g) 5 representatives of Research Bodies nominated by the Syndicate

20. Dr. Qazi Kholiquzzaman Ahmad, Chairman, Palli Karma-Sahayak Foundation and Chairman, Governing Council, Dhaka School of Economics, 4 / C, Eskaton Garden Road, Dhaka.

21. Professor Dr. Sharif Uddin Ahmed, Chief Research Co-ordinator, Asiatic Society Heritage Museum, Asiatic Society of Bangladesh, Nimtali, Dhaka. Residence : House -19, Road-2, Sector-7, Uttara Model Town, Dhaka.

22. Dr. Mustafizur Rahman, Honorable Fellow, Centre for Policy Dialogue, House: 6/2, Block-F, Kazi Nazrul Islam Road, Lalmatia Housing Estate, Dhaka-1207.

23. Professor Dr. Md. Ismail Khan, Honorary Professor, Centre for Medical Education (CME), Mohakhali, Dhaka. Residence : Flat- 36, House-18, Road-5, Hasan Heritage, Dhanmondi R/A, Dhaka-1205.

24. Professor Dr. Abdul Bashir, Editor, History, Bangladesh Itihas Parisad, Residence : Provost Banglo, Bijoy Ekattor Hall, University of Dhaka.

As per Article 20(1) (h) 5 Principals of Colleges nominated by the Academic Council from among the Principals of the Affiliated & Constituent Colleges

25. Principal, Dhaka College, Dhaka.

26. Principal, Shaheed Suhrawardy Medical College, Sher-e-Bangla Nagar, Dhaka.

27. Principal, Eden Mohila College, Azimpur, Dhaka.

28. Principal, Holy Family Red Crescent Medical College, Dhaka.

29. Principal, Technical Teachers Training College, Tejgaon, Dhaka

As per Article 20(1)(i) 10 teachers of Colleges nominated by the Academic Council from among the teachers of the Affiliated & Constituent Colleges

30. Professor Ashraf Hossain, Department of Sociology and Principal, Government Titumir College, Dhaka.

31. Professor I. K. Selim Ullah Khondaker, Professor, Department of Accounting and Principal, Kabi Nazrul Government College, Dhaka. Residence : House-2/Ga, Nawab Habibullah Road, Rizia Bhaban (7th floor), Shahbag, Dhaka-1000.

32. Professor Nehal Ahmed, Professor, Department of English and Principal, Dhaka College, Dhaka.

33. Professor Asma Parvin, Head of Department, Department of Chemistry, Eden Mohila College, Azimpur, Dhaka.

34. Dr. M. A. Hannan, Professor, Conservative Dentistry & Endodontics Sapporo Dental College, Plot-24, Kotbari Road, Sector-8, Uttara, Dhaka.

35. Dr. Md. Shafiqul Alam Chowdhury, Professor, Department of Urology and Vice-Principal, Dhaka Medical College, Dhaka.

36. Dr. Bhaskar Saha, Professor, Department of Medicine and Principal, Sher-e-Bangla Medical College, Barisal.

37. Prof. Muktirani Saha, Department of Social Sciences and Vice-Principal, Begum Badrunnessa Government Women's College, Bakshi Bazar, Dhaka.

38. Mrs. Ayesha Akter, Department of Nutrition and Food Science and Vice-Principal, Bangladesh International Economic College, Green Road, Dhaka.

39. Tahmina Rashid, Associate Professor, Department of Islamic History and Culture, Government Suhrawardy College, Dhaka.

As per Article 20(1) (j)

40. Chairman, Board of Secondary & Higher Secondary Education, Dhaka

As per Article 20(1) (k) 25 Representatives of Registered Graduates

41. Mr. Md. Aatur Rahman Proddhan, CEO and Managing Director, Sonali Bank Limited, Dhaka. Head Office : 35-42, 44, Motijheel C/A, Dhaka-1000.

42. Dr. A. S. M. Maksud Kamal, Professor, Department of Disaster Science and Management, University of Dhaka. [Pro-Vice Chancellor (Academic) University of Dhaka.

43. Mr. M Farid Uddin, Former Managing Director, Rupali Bank Limited, Dhaka. House : Gardenia Apartment, Flat-B5, 20, Eskaton Garden, Ramna, Dhaka-1000.
44. Mr. A. R. M. Monjurul Ahsan Bulbul, Editor-in-chief, Ekushey Television, Kawran Bazar, Dhaka. House : Flat-11/J, Eastern Housing, 102-104, Baro Moghbazar, Dhaka-1217.
45. Mr. S. M. Bahalul Moznun, General Secretary, Bangabandhu Somaj Kollan Parishad, Dhaka. House : 10/C, Sheltech Asia Garden, 287, Elephant Road, Dhanmondi, Dhaka-1205.
46. Dr. Muhammad Samad, Professor, Institute of Social Welfare and Research, University of Dhaka. [Pro-Vice Chancellor (Admin), University of Dhaka]
47. Dr. Zeenat Huda, Professor, Department of Sociology, University of Dhaka. House :Provost Banglo, Ruqayyah Hall, University of Dhaka.
48. Dr. Asim Sarkar, Professor, Department of Sanskrit, University of Dhaka. House :E-9, Shaheed Munir Chowdhury Bhaban, University of Dhaka.
49. Dr. M. Iqbal Arslan, President, Shadhinota Chikitsa Parishad, Dhaka. Residence : House - 36, Road- 4, Sector- 5, Uttara, Dhaka.
50. Dr. Sadeka Halim, Professor, Department of Sociology, University of Dhaka.
51. Professor Mahfuza Khanam, President, World Federation of Teachers Union (WFTU), Dhaka. House-82/1, Indira Road, Dhaka-1215.
52. Dr. Tazin Aziz Chaudhury, Professor, Department of English, University of Dhaka. Flat-9, ABC Phillip Water, House-N W-3, Road-50, Gulshan-2, Dhaka.
53. Dr. Emran Kabir Chowdhury, Professor, Department of Biochemistry and Molecular Biology, University of Dhaka. House : C-1, Shaheed Munir Chowdhury Bhaban, University of Dhaka.
54. Mr. A. H. M. Anamul Haque Chowdhury, Managing Director, Energypac Engineering Ltd. Dhaka. House-338, Road-24, New DOHS, Mohakhali, Dhaka.
55. Dr. Md. Liakat Hossain Moral, Former Deputy Managing Director, Bangladesh Krishi Bank. House : DCC-61, Meri Garden (7th floor, A & B) Gedu Madbar Road, Uttor-Purbo Ibrahimpur, Kafrul, Cantonment, Dhaka-1206.
56. Mr. Md. Alauddin, General Manager and President, Bangabondhu Parisad, Sonali Bank Ltd. Residence : Flat-1302, 12/A, Eskaton Garden (Estern Fortune), Dhaka-1000.
57. Dr. Syed Humayun Akhter, Professor, Department of Geology, University of Dhaka. House – A-11, Shaheed Munir Chowdhury Bhaban, University of Dhaka.
58. Mr. Ramendu Majumdar, President, International Theatre Institute, Dhaka. House- 20, Central Road, Dhaka-1205.
59. Mr. A. B. M. Badruddoja, Block-C, Road-11, House-44, Mirpur-12, Dhaka.
60. Mr. Nizam Chowdhury, Chairman, NRB Global Bank, Dhaka. House : Melody Apartment, B/1, Road-74, House-3/A, Gulshan-1, Dhaka-1212.
61. Dr. Mohammad Abdul Aziz, General Secretary, Swadhinata Chikitsak Parishad, Dhaka and Principle, Dr. Sirajul Islam Medical College, Moghbazar, Dhaka.
62. Dr. A F M Yusuf Haider, Professor (Retired), Department of Physics, University of Dhaka. House : Flat-8/B, 6/4, Block-F, Lalmatia, Dhaka-1207.
63. Professor Muhammad Abdul Bari, Presidium Member, Bangladesh College-University Teachers' Association, Dhaka. House-15, Road-28, Banani R/A, Dhaka.
64. Mr. Ranjit Kumar Saha, Vice-President, Bangladesh Teachers Association. House-335/11, Velanagar, Narsingdi.
65. Mr. Md. Nasir Uddin, 1/C, Zigatola, Road-7/A, Dhanmondi, Dhaka.

As per Article 20(1) (L) 35 Teacher-representatives

Vacant (66-100)

As per Article 20(1)(M) 5 students nominated by DUCSU

101. Mr. Md. Nurul Haque Nur, Vice-President, Dhaka University Central Students' Union (DUCSU), Department of English, University of Dhaka, Haji Muhammad Mohsin Hall, University of Dhaka.

102. Mr. Golam Rabbani, General Secretary, Dhaka University Central Students' Union (DUCSU), Department of Criminology, University of Dhaka, Jatir Janak Bangabandhu Sheikh Mujibur Rahman Hall, University of Dhaka.

103. Mr. Saddam Hussain, Assistant General Secretary, Dhaka University Central Students' Union (DUCSU), Department of Law, University of Dhaka, Sir A. F. Rahman Hall, University of Dhaka.

104. Mr. Sanjit Chandra Das, President, Bangladesh Chhatra League, Dhaka University Unit, Department of Law, University of Dhaka, Jagannath Hall, University of Dhaka.

105. Ms. Tilottama Sikder, Member, Dhaka University Central Students' Union (DUCSU), Department of Disaster Science and Management, University of Dhaka, Kabi Sufia Kamal Hall, University of Dhaka.

Senate Meeting

Date of Annual Senate Meeting held during the session 2020-2021.

23 July 2020 and 24 June 2021.

Appendix-D : Syndicate

List of Syndicate Members

1. Professor Dr. Md. Akhtaruzzaman, Vice-Chancellor
2. Professor Dr. Muhammad Samad, Pro-Vice Chancellor (Administration)
3. Professor Dr. A S M Maksud Kamal, Pro-Vice Chancellor (Academic) (from 25-06-2020)
4. Professor Dr. Khan Abul Kalam Azad, Principal, Dhaka Medical College, Dhaka. (upto 27-01-2021)
5. Professor Dr. Md. Titu Miah, Principal, Dhaka Medical College, Dhaka. (from 28-01-2021)
5. Professor Nehal Ahmed, Principal, Dhaka College, Dhaka. (upto 29-11-2020)
6. Professor I. K. Selim Ullah Khandkokar, Principal, Dhaka College, Dhaka. (from 28-02-2021)
6. Professor Dr. Md. Hasanuzzaman, Dean, Faculty of Engineering and Technology, DU.
7. Professor Dr. A S M Maksud Kamal, Ex. Provost, Surja Sen Hall, DU. [Pro-Vice Chancellor (Academic)]
8. Professor Dr. Md. Rahmat Ullah, Department of Law, DU.
9. Professor Dr. Mohammad Humayun Kabir, Department of Islamic History and Culture, DU.
10. Dr. Md. Mizanur Rahaman, Associate Professor, Department of Microbiology, DU.
11. Jannatul Naima, Assistant Professor, Department of Accounting & Information Systems, DU.
12. Mr. S. M. Bahalul Moznun, Senate Member, DU.
13. Professor Shibli Rubayat Ul Islam, Department of Banking and Insurance, DU.
14. Advocate Mahbube Alam, Attorney General, Govt. of the People's Republic of Bangladesh. (upto 27-09-2020)
- Advocate A. M. Amin Uddin, Attorney General, Govt. of the People's Republic of Bangladesh. (from 24-05-2021)
15. Advocate A F M Mesbahuddin, Senior Lawyer, Bangladesh Supreme Court, Dhaka. (upto 23-05-2021)
- Professor Dr. Md. Harunor Rashid Khan, Department of Soil, Water and Environment (from 24-05-2021)
16. Professor Dr. Khondoker Bazlul Haque, Department of International Business, DU. (upto 23-05-2021)
- Professor Dr. Abul Mansur Ahmed, Department of Mass Communication and Journalism, DU. (from 24-05-2021)

17. Mr. Md. Mahbub Hossain, Secretary, Secondary and Higher Education Division, Ministry of Education, Government of the People's Republic of Bangladesh, Bangladesh Secretariat, Dhaka.
18. Bangabandhu Chair Professor A K M Shamsuzzaman Khan, Islamic University, Kushtia. (from 14-04-2021)

Syndicate Meeting

Dates of Syndicate Meetings held during 2020-2021 session :

General Meeting : 20 July 2020; 09 September 2020. **Special Meeting** : 17 September 2020. **General Meeting** : 29 October 2020; 29 November 2020; 30 December 2020; 28 January 2021; 28 February 2021; 08 April 2021; 24 May 2021. **General Meeting (Budget Meeting)** : 21 June 2021.

Appendix-E : Academic Council **List of Academic Council Members**

1. Vice-Chancellor
2. Pro-Vice Chancellor (Academic)
3. Pro-Vice Chancellor (Administration)
4. Deans of all Faculties
5. All Professors and Chairmen of all the Departments
6. All Professors and Directors of all the Institutes
7. Members of colleges nominated by the Chancellor as per Section 26 (1) (g) of the Dhaka University Order 1973 :
 - (1) Principal, Dhaka Medical College, Dhaka, (2) Principal, Dhaka Dental College, Mirpur-14, Dhaka, (3) Principal, Sir Salimullah Medical College, Mitford, Dhaka, (4) Principal, Mymensingh Medical College, Mymensingh, (5) Principal, Sher-e-Bangla Medical College, Barisal, (6) Principal, College of Home Economics, Azimpur, Dhaka, (7) Principal, Technical Teachers' Training College, Tejgaon, Dhaka, (8) Principal, College of Textile Technology, Tejgaon, Dhaka, (9) Principal, Bangladesh Homeopathic Medical College and Hospital, 46/2, Toyenbee Circular Road, Dhaka 1203.

8. Representatives nominated by the Chancellor as per Section 26 (1) (h) of the Dhaka University Order 1973 : (1) Prof. Dr. Naiyyum Chowdhury, Road No-10, House-15/A, Avalan Flat-3/B, Gulshan-1, Dhaka; (2) Director General, Directorate of Secondary And Higher Education, Dhaka; (3) Director General, NAEM, Dhaka; (4) Prof. A K Azad Khan, President, Diabetic Association of Bangladesh, BIRDEM, Dhaka; (5) Librarian, University of Dhaka.
9. Representatives nominated by the Chancellor as per Section 26 (1) (h) of the Dhaka University Order 1973 and Three teachers from Associate Professor category and three from Assistant Professor/Lecturer category, elected on 19 April 2018 as per Article 26(1) (i) of the Dhaka University Order 1973 and Procedure depicted in the chapter 17 of Calendar Part- II : (a) Associate Professors : (1) Dr. Alamgir Kabir, Associate Professor, Dept. of Physics, (2) Dr. Nepal Chandra Roy, Associate Professor, Dept. of Mathematics and (3) Md. Ashraf Sadek, Associate Professor, Institute of Education and Research; (b) Assistant Professor/Lecturers : (1) Farjana Ahmed, Assistant Professor, Dept. of Graphic Design, (2) Md. Saiful Alam Chowdury, Assistant Professor, Dept. of Mass Communication and Journalism and (3) Dr. Sanchita Guha, Assistant Professor, Dept. of Sanskrit.

Academic Council Meeting

Dates of Academic Council Meetings held during 2020-2021 session:

General Meeting : 02 September 2020; 10 December 2020. **Special Meeting** : 31 January 2021. **Emergency Meeting** : 23 February 2021. **General Meeting** : 08 March 2021; 06 May 2021. **Special Meeting** : 01 June 2021.

Appendix-F : Finance Committee
List of Finance Committee Members

1. Professor Dr. Muhammad Samad Pro-Vice Chancellor (Administration), DU.	President
2. Professor Mamtaz Uddin Ahmed, Treasurer, DU.	Member
3. Professor Dr. Syed Ferhat Anwar Director, Faculty of Business Studies, DU.	Member
4. Professor Dr. Muhammad Abdul Moyeen Dean (Acting), Faculty of Business Studies, DU.	Member
5. Professor Mamtaz Uddin Ahmed Department of Accounting and Information Systems, DU.	Member
6. Mr. Md. Aatur Rahman, Managing Director Sonali Bank Limited	Member
7. Professor Dr. Shafique uz Zaman Department of Economics, DU.	Member
8. Professor Dr. Mizanur Rahman Department of Accounting and Information Systems, DU.	Member

Finance Committee Meeting

Finance Committee Meetings were held on the following dates during 2020-2021 session :

General Meeting : 16 August 2020; 26 September 2020; 24 October 2020; 26 November 2020; 27 December 2020; 25 January 2021; 23 February 2021; 18 March & 28 March 2021; 06 May 2021 and 16 June 2021.

Appendix-G : Discipline Board
List of Discipline Board Members

Members' list of Discipline Board for the session 2020-2021 constituted as per Dhaka University Ordinance and Statute :

1. Vice-Chancellor	Chairman
2. Pro-Vice Chancellor (Academic)	Member
3. Pro-Vice Chancellor (Administration)	"
4. Deans of all Faculties	"
5. Provosts of all Halls	"
6. Director, Students' Counseling & Guidance Office	"
7. Proctor, University of Dhaka	Member-Secretary
* Controller of Examinations, D U (Invited)	

Discipline Board Meeting

Discipline Board Meetings were held on the following dates during 2020-2021 Session :

11 February 2021.

Appendix-H : Administrative Officers
List of Administrative Officers

Vice-Chancellor

Professor Dr. Md. Akhtaruzzaman

Pro Vice-Chancellor (Administration)

Professor Dr. Muhammad Samad

Pro Vice-Chancellor (Academic)

Professor Dr. A S M Maksud Kamal

Treasurer

Professor Mamtaz Uddin Ahmed

Registrar

Md. Enamuzzaman, M S S (upto 29-06-2021)
Mr. Probir Kumar Sarker, MSc. (Acting) (from 30-06-2021)

Inspector of Colleges (Acting)

Md. Mostafizur Rahman, LL.M; MPhil

Director (Acting), Planning and Development

Sardar Ilias Hossain, BSc.Engineering, M.A.

Director (Acting), Students' Counseling and Guidance

Professor Dr. Mehzabin Haque

Provosts / Wardens of Halls / Hostels

Salimullah Muslim Hall	Professor Dr. Md. Majibur Rahman
Dr. Muhammad Shahidullah Hall	Professor Dr. Syed Humayun Akhter (upto 29-06-2021) Professor Dr. Mohammad Zaved Hossain (upto 30-06-2021) (Acting)
Jagannath Hall	Professor Dr. Mihir Lal Saha
Fazlul Huq Muslim Hall	Professor Dr. Shah Md. Masum
Shaheed St. Zahurul Haque Hall	Professor Dr. Delwar Hossain
Roquyyah Hall	Professor Dr. Zeenat Huda
Surja Sen Hall	Professor Mohammad Moqbul Hossain Bhuiyan
Haji Muhammad Mohsin Hall	Professor Dr. Md. Nizamul Hoque Bhuiyan (upto 06-05-2021) Professor Dr. Md. Masudur Rahman (from 07-05-2021)
Shamsun Nahar Hall	Professor Dr. Supriya Saha (upto 13-06-2021) Professor Dr. Lafifa Jamal (from 14-06-2021)
Kabi Jasimuddin Hall	Professor Dr. Muhammad Abdur Rashid

Sir A F Rahman Hall	Professor Dr. K. M. Saiful Islam Khan
Jatir Janak Bangabandhu Sheikh Mujibur Rahman Hall	Professor Md. Mofizur Rhaman
Muktijoddha Ziaur Rahman Hall	Professor Dr. Md. Zia Rahman (upto 04-05-2021) Professor Dr. Mohammad Bellal Hossain (from 05-05-2021)
Bangladesh- Kuwait Moitri Hall	Professor Dr. Mahbuba Nasreen
Sir P J Hartog International Hall	Professor Dr. Md. Mohiuddin
Bangamata Sheikh Fazilatunnessa Mujib Hall	Professor Dr. Zakia Parveen
Amar Ekushey Hall	Professor Dr. Ishtiaque M Syed
Kabi Sufia Kamal Hall	Professor Shamim Banu (Acting)
Bijoy Ekattor Hall	Professor Dr. Abdul Bashir
Nawab Faizunnessa Chowdhurani Chhatrinibash IBA Hostel	Professor Dr. Aleya Begum (Acting) Mr. Md. Iftekharul Amin
Dr. Kudrat-E-Khudha Hostel	Professor Dr. Md. Abdul Muttalib
Shaheed Athlet Sultana Kamal Hostel	Mrs. Fatema-Tuj-Zohra

Proctor

Professor Dr. A. K. M Golam Rabbani

Chief Engineer (Acting)

A K Afzalul Haq, B. Sc. Engi. (upto 30-09-2020)
Abul Kalam Sikder, B. Sc. Engi. (from 06-10-2020)

Controller of Examinations

Md. Bahalul Haque Chowdhury, M. Com.

Director of Accounts (Acting)

Md. Elias Hossain, M.Com (upto 29-06-2021)
Md. Sohrab Hossain, MSc. (from 30-06-2021)

Director, Public Relations

Mahmood Alam, M.A. (English), M.S.S. (Political Science), M.A. (Philosophy), LLB

Chief Medical Officer (Acting)

Dr. Sarwar Jahan Muktafee, M.B.B.S., M.S.

Additional Chief Medical Officer

Dr. Sarwar Jahan Muktafee, M.B.B.S., M.S. (Eye)

Librarian (Acting)

Professor Dr. Md. Nasir Uddin Munshi

Librarian (Acting), Planning & Development

Seyeda Farida Pervin, M.A.

Director (Acting), Teacher-Student Centre

Mr. Syed Ali Akbor, M.A.

Director (Acting), Physical Education Centre

Md. Shajahan Ali, M.S.S.

Law Retainer

Md. Abdul Halim Chaklader, M.A. Barrister at Law (upto 19-12-2020)
Advocate Amit Talukder (from 08-02-2021)

Director (Acting), Prokashana Sangstha

Professor Dr. Syed Azizul Huq

Director (Honorary), ICT (Information and Communication Technology) Cell

Professor Dr. Muhammad Asif Hossain Khan

Director (Honorary), Office of the International Affairs

Professor Dr. Imtiaz Ahmed

Deputy Registrars

(1) A S M Jahangir Morshed, M.S.S. [LPR]; (2) A K M Aftabuzzaman, M.A. (Deputy Librarian); (3) Abdul Quddus Bhuiyan, M.A. [LPR]; (4) Bipul Kumar Saha, M.Sc.; (5) Munshi Shams Uddin Ahammad, M.A.; (6) Nabita Noor-us-Saba, M.S.S.; (7) Sheoli Afsar, M.Sc.; (8) Md. Idris Ali, M.A.; (9) Md. Azad Hossain Hazari, M.Sc., M.Phil; (10) Tahmina Rowshan, M.A.; (11) Md. Imam Hossain Howlader, M.Com.; (12) Syeda Masuda Akhter, M.A.; (13) Md. Abbas Ali, M.A.; (14) Md. Delwar Hossain, M.Com. (Management); (15) Saiful Ahsan, M.Com. (Management); (16) Sheikh Md. Jamal, M.A.; (17) Md. Mozibur Rahman, M.Com. (Management); (18) K. M. Mozammel Huque, M.A.; (19) Md. Jahangir Alam, M.A.; (20) Md. Aminul Islam, M.A.; (21) Taslima Begum, M.A.; (22) Sheikh Ayub Ali, M.A.; (23) Salma Binte Haque, M.A.; (24) Mahmuda Khanom, M.Sc.; (25) Saroj Kumar Sarker, M.S.S.; (26) Md. Nasir Uddin Miah, M.A.; (27) Anjuara Parvin, M.A.; (28) Md. Ruhul Amin, Principle Store Officer, M.B.A.; (29) Mohammad Abdul Gaffar, M.Sc.; (30) Masrat Zahan, M.A.; (31) Najneen Naher Nitu, M.Sc.; (32) Razib Mahmud Samim Parvez, M.B.A.

Deputy Director, Planning and Development

(1) Md. Amir Hossain Bhuiyan, M.Sc.; (2) Md. Badrul Ahsan, M.S.S.; (3) Mr. Abdul Hamid, M.S.S.

Deputy Director, Students' Counseling & Guidance

Saifun Nesa Zaman, M.Phil

Superintending Engineer

(1) Abul Kalam Sikder, B.Sc. Engi; (2) Md. Lutfur Rahman, B.Sc. Engi; (3) Mr. A K M Mahabub Mostafa PEng., B.Sc. Engi; (4) Kazi Md. Akram Hossain, B.Sc Engi; (5) Mohammad Zabed Alam Mridha, B.Sc. Engi; (6) A.K.M. Abu Musa Chowdhury, B.Sc. Engi; (7) Md. Moyeen Uddin, B.Sc. Engi.

Deputy Controller of Examinations

(1) Md. Sanaullah, M.S.S.; (2) Himadri Shekhar Chakraborty, M.A., Ph.D.; (3) Mrs. Mahfuza Haque, M.Com.; (4) Shatish Chandra Mozumder, M.S.S.; (5) Md. Rokanuzzaman, M.S.S. (Political Science).

Deputy Directors of Accounts

(1) Md. Sohrab Hossain, M.Sc.; (2) Supriya Das, L.L.M.; (3) Md. Saiful Islam, M.Com., M.B.A.; (4) Farhana Tarannum, M.S.S.; (5) Md. Kamrul Huda Anaholi, M.A.; (6) Md. Moshir Rahman, M.B.A.; (7) Khorshed Alam, M.Com.; (8) Md. Zakir Hossain, M.A.; (9) Moti Lal Roy, M.A.; (10) Mohammad Foyez Uddin Ahmed, M.B.A.; (11) Nazmun Nahar, M.A.; (12) Md. Moniruzzaman, Deputy Registrar, M.A.

Deputy-Director, Public Relations Office

(1) Dr. Nur-e-Islam (Selu Basit); (2) Md. Rafiqul Islam, M.A., M.S.S. & Diploma in Journalism; (3) Kamalesh Chandro Mondal, M.B.A.; (4) Nurunnaher Begum, M.S.S.

Senior Medical Officers

(1) Dr. Hafeza Zaman; M.B.B.S., M.P.H.; (2) Dr. S.M. Shamima Parveen, B.D.S. (Dental); (3) Dr. Razia Rahman, M.B.B.S.; (4) Dr. Noor Mohammad, M.B.B.S., MS (Ortho) [LPR]; (5) Dr. Md. Tanvir Ali, M.B.B.S., M.P.H.; (6) Dr. Md. Salah Uddin, M.B.B.S., FCPS; (7) Dr. A.M. Sazzad Hossain, M.B.B.S., M.P.H.; (8) Dr. Sharif Qamar Uddin, M.B.B.S.; (9) Dr. Md. Arifur Reza Sikder, M.B.B.S.; (10) Dr. Ferdoushi Purabi Chowdhury, M.B.B.S., M.P.H.; (11) Dr. Nargis Fatema, M.B.B.S., M.P.H (patho.); (12) Dr. Mohammad Jamil Ahmed Shahedy, M.B.B.S.; (13) Dr. Rathindra Nath Sarker (Dental), BDS, MPH; (14) Dr. Shamima Parvin, M.B.B.S.; (15) Dr. Sayed Al Amin Anhar, M.B.B.S., M.P.H.; (16) Dr. Mohammad Shariful Islam, M.B.B.S., M.P.H.

Deputy Librarians

(1) Syeda Farida Parveen, M.A.; (2) Shaheen Sultana, M.A.; (3) Md. Maniruzzaman, M.Sc. (Deputy Director, System Analyst); (4) Dilip Chandra Biswas, M.Com.; (5) Tanjeba Raihan Soma, M.Sc.; (6) Monawara Begum, M.A.; (7) Shaheen Akter, M.A.; (8) Shamim Ara, M.A.; (9) Selina Aktar, M.A.; (10) Md. Mokhlesur Rahman, M.Sc.; (11) Mohammad Azharul Haque, M.A.; (12) Nur Mohammad, M.S.S. [LPR]; (13) Shamim Ara-2, M.A.; (14) Mir Nazrul Islam, B.A.; (15) Sadia Afrin, M.S.S.; (16) Md. Azizur Rahman, M.A.; (17) Md. Helal Ahmed, M.A.; (18) Mir Tahazzat Ali, B.A.; (19) Md. Nazmul Islam, M.Sc.; (20) Md. Noman Hossain, M.A.; (21) Sheikh Joynal Abedin, B.A.; (22) Anima Rani

Das, M.S.S.; (23) Miah Hasan Jamil Shishir, M.A.; (24) Md. Mojibur Rahman, M.A.; (25) Mosammat Shirin Sultana, M.A.; (26) Md. Saiful Islam Mollah, M.S.S.; (27) Md. Mahmud Hasan, M.Sc.; (28) Md. Anisur Rahman, M.A.

Deputy Director, Teacher-Student Center

(1) Farzana Bashir, M.A. (Philosophy); (2) Nazir Ahmad Shimab, M.A.

Deputy-Director, Physical Education Center

(1) Md. Shajahan Ali, M.S.S.; (2) S M Zakaria, M.Com.; (3) Nayona Chowdhury, M.P.Ed.; (4) Dr. Salma Arju, M.S.S., B. P. Ed.; (5) Md. Azad Rahaman, M.S.S.; (6) Mohammad Jalal Uddin, M.S.S.; (7) Mohammed Mobasher Salam, M.A.; (8) Md. Shahathat Hossain, M.A.

Transport Manager (Acting)

Md. Kamrul Hasan, M.S.S.

Estate Manager (Acting)

Supria Das, L.L.M.

Press Manager (Acting), Dhaka University Press

S. M. Bipash Anwar, M.S.S.

Deputy Registrar, Office of the Law Retainer

Abdul Hamid Halder, M.A.

ICT (Information and Communication Technology) Cell

(1) Md. Mostak Ahmed, Senior Web Programmer-Cum-Web-Master, M Sc. in Computer Engineering; (2) Imam Hasan Raza, Senior System Administrator, M Sc. in-Information Technology.

Transport Manager-2, Transport Office

Md. Ataur Rahman, M.A.

Press Manager-2, Dhaka University Press

(1) Md. Shahidur Rahman, M.B.A.; (2) Md. Nazrul Islam, M.A.; (3) Akhandzada Md. Alamgir, M.S.S.; (4) Md. Ruhul Amin, M.A.; (5) Md. Jahangir Alam, M.Sc. [LPR].

Appendix- I : Distinguished Visitors**List of Distinguished Visitors during the session**

27 October 2020	Newly appointed Indian High Commissioner to Bangladesh Mr. Vikram K Doraiswami
28 October 2020	Japanese Ambassador Mr. Ito Naoki
29 October 2020	Country Director of British Council, Bangladesh Mr. Tom Miscioscia
11 November 2020	South Korean Ambassador to Bangladesh Mr. Lee Jang-Keun
06 January 2021	Turkish Ambassador Mr. Mustafa Osman Turan
02 March 2021	Chairman of North East Advisory Council of Federation of Indian Chambers of Commerce and Industry (FICCI) Ranjit Barthakur
10 March 2021	Japanese Ambassador Mr. Ito Naoki
21 March 2021	A five-member delegation led by Ms Young Ah Doh, Country Director of Korea International Cooperation Agency (KOICA)

Appendix – J : Number of Students

Sl. No	Name of Faculty	Male Students	Female Students	Total
1	Faculty of Arts	4944	3744	8688
2	Faculty of Science	1834	804	2638
3	Faculty of Law	481	269	750
4	Faculty of Business Studies	3984	3117	7101
5	Faculty of Social Sciences	3743	2549	6292

6	Faculty of Biological Sciences	1332	1552	2884
7	Faculty of Pharmacy	285	137	422
8	Faculty of Earth & Environmental Sciences	635	444	1079
9	Faculty of Engineering & Technology	996	255	1251
10	Faculty of Fine Art	357	391	784
11	Institutes	4321	2735	7056
	Total	22915	15997	38909
+ Number of Examinees for 2019		5440	3796	9236
Grand Total				48,154

[N.B. Admission process to MA/MBA/MSS Classes for the session 2019-2020 were going on]

Appendix – K : New Trust Funds

Sl No	Name of the Trust fund	Name & address of the donor
1.	Prof. Dr. A H M Habibur Rahman Trust Fund	Prof. Dr. A H M Habibur Rahman Apartment-201, House No-30, Road-01, Block-I, Banani, Dhaka-1213.
2.	HEAL Bangladesh Foundation Trust Fund	Prof. Dr. Shaheen Islam Founder Chairman Department of Educational and Counselling Psychology University of Dhaka

Appendix-L**List of Memorandum of Understanding**

1. MoU between Bangladesh Atomic Energy Commission (BAEC) and University of Dhaka. (Signed 10-02-2020, 5 Years)
2. MoU between University of Dhaka, Bangladesh and Bangladesh Fisheries Research Institute, Bangladesh. (Signed 06-02-2020, 5 Years)
3. MoU between Staffordshire University, UK and University of Dhaka, Bangladesh. (Signed 04-02-2020, 5 Years)
4. MoU between Institute of Pediatric Neurodisorder and Autism (IPNA), Bangabandhu Sheikh Mujib Medical University (BSMMU) and Department of Robotics and Mechatronics Engineering, University of Dhaka. (Signed 17-10-2020)
5. MoU between Allameh Tabataba'i University (ATU), Islamic Republic of Iran and University of Dhaka. (Signed, DU-31-05-2021.5 Years, will be automatically renewed another 05 Yrs.)
6. Academic and Research Collaboration Agreement between Peace Research Institute of Oslo, Norway and Department of Peace & Conflict Studies, University of Dhaka. (Signed PRIO-07-05-2021, DU-11-05-2021. Duration : 01-07-2021 to 31-03-2025.

Appendix-M**List of Dhaka University Journal's**

SL.	Dhaka University Journal's Name with Editor	Session
1.	Professor Dr. A K M Haroonar Rashid Department of Philosophy, University of Dhaka & Editor: The Dhaka University Journal of Arts (Part-A)	2020-2022
2.	Professor Dr. Md. Qamrul Ehsan Department of Chemistry, University of Dhaka & Editor: The Dhaka University Journal of Science (Part-B)	2021-2023
3.	Dean, Faculty of Business Studies, University of Dhaka & Editor The Dhaka University Journal of Business Studies (Part-C)	2019-2021
4.	Professor Dr. Sadeka Halim Dean, Faculty of Social Sciences, University of Dhaka. & Editor: The Dhaka University Studies (Part-D) (Faculty of Social Sciences)	2019-2021
5.	Professor Dr. Md. Khalilur Rahman Department of Soil, Water & Environment, University of Dhaka &	2019-2021

	Editor: The Dhaka University Journal of Biological Sciences (Part-E)	
6.	Professor Dr. Md. Rahmat Ullah Faculty of Law, University of Dhaka & Editor: The Dhaka University Studies (Part-F) (Faculty of Law)	2020-2022
7.	Professor Dr. Kazi Matin Uddin Ahmed Department of Geology, University of Dhaka & Editor: The Dhaka University Journal of Earth and Environmental Sciences	2022-2023
8.	Emeritus Professor Dr. Abul Kalam Azad Chowdhury Department of Clinical Pharmacy and Pharmacology, University of Dhaka & Editor: The Dhaka University Journal of Pharmaceutical Sciences	2020-2022
9.	Professor Dr. Syed Azizul Huq Department of Bangla Editor: The Dhaka University Sahitya Patrika	2021-2023
10.	Professor Dr. A K M Haroonar Rashid Department of Philosophy, University of Dhaka & Editor: The Dhaka Biswabidyalay Partrika	2019-2021
11.	Professor Dr. Zubair Mohammad Ehsanul Hoque Department of Arabic, University of Dhaka.	2020-2022

	& Editor: The Dhaka University Journal of "Al-Mazallah-Tul-Arabiah"	
12.	The Dhaka University Journal of Linguistics	
13.	The Dhaka University Journal of Islamic Studies	
14.	Professor Dr. Chowdhury Farhan Ahmed Department of Computer Science and Engineering & Editor: The Dhaka University Journal of Applied Science and Engineering	2021-2023
15.	Professor Dr. K M Saiful Islam Khan Department of Persian Language and Literature & Editor: The Dhaka University Journal of Persian	2021- 2022
16.	The Dhaka University Journal of Urdu	

Appendix-N : Constituent and Affiliated College & Institute

Annual Report 2020-2021

Name of College/Institute with Year of Establishment	Name of Principal/Director with Academic Qualifications	Approved Course/Courses	No. of Teachers	No. of Students	Percentage of Exam. Results
Dhaka Medical College, Dhaka (1946)	Prof. Md. Titu Miah MBBS, FCPS, FACP	MBBS	446	1418	83%
Mymensingh Medical College Mymensingh (1962)	Prof. Chitta Ranjan Debnath MBBS, MD	MBBS, BDS	238	1355	84.30%
Sher-e-Bangla Medical College, Barishal (1964)	Prof. Md. Moniruzzaman MBBS, D-Ortho, MS (Ortho)	MBBS, BDS	129	1249	95%
Sir Salimullah Medical College, Dhaka (1972)	Prof. Md. Nurul Hooda Lenin MBBS, FCPS, MS	MBBS, BDS	312	1440	73.43%
Bangladesh Medical College Dhaka (1986)	Prof. Poritosh Kumar Ghosh MBBS, M.Phil	MBBS	131	621	81%
Jahurul Islam Medical College Kishorganj (1992)	Prof. Sayed Mahmudul Aziz MBBS, DCM, M Phil	MBBS	184	600	84.40%
Bangabandhu Sheikh Mujib Medical College, Faridpur (1992)	Prof. Md. Mustafizur Rahman MBBS, MS	MBBS	120	875	87.70%
Medical College For Women Dhaka (1992)	Prof. Sheikh Firoj Kabir MBBS, FCPS, FRCS, FACS	MBBS	102	640	86%
Zainul Haque Sikder Womens Medical College, Dhaka (1992)	Prof. Md. Saizuddin MBBS, DPH, MPH	MBBS	178	570	-
Dhaka National Medical College, Dhaka (1995)	Prof. A.K.M Aminul Haque MBBS, MRCP, MRCPE,FRCP	MBBS, BDS	182	911	68%
Community Based Medical College Bangladesh Mymensingh (1995)	Prof. Mirza Manjurul Haque MBBS, DCH	MBBS, BDS	144	943	89%
Shaheed Mansur Ali Medical College, Dhaka (1995)	Prof. Kazi Jahangir Hossain MBBS, M Phil, PhD	MBBS	148	673	56%
Holy Family Red Crescent Medical College, Dhaka (2000)	Prof. Md. Daulatuzzaman MBBS, DLO, MCPS, PhD	MBBS, BDS	292	792	94.74%

Name of College/Institute with Year of Establishment	Name of Principal/Director with Academic Qualifications	Approved Course/Courses	No. of Teachers	No. of Students	Percentage of Exam. Results
Kumudini Womens' Medical College, Tangail (2000)	Prof. Md. Abdul Halim MBBS, MPH, FCPS, MS, PhD	MBBS, BDS	175	780	66%
International Medical College Gazipur (2000)	Prof. Md. Mizanur Rahman MBBS, M Phil	MBBS, Basic B.Sc in Nursing, Post Basic B.Sc in Nursing, B.Sc in Health Technology (Lab)	101	1310	81.53%
Ibrahim Medical College Dhaka (2002)	Prof. Nazma Haque MBBS, M.Phil	MBBS, BDS	245	692	80%
Tairunessa Memorial Medical College, Gazipur (2001)	Prof. Ranajit Kumar Mallick MBBS, FCPS	MBBS Basic B.Sc in Nursing Post Basic B.Sc in Nursing	162	929	75%
Shahabuddin Medical College Dhaka (2003)	Prof. Md. Abdul Jalil Ansari MBBS, MCPS, MD	MBBS	92	517	69%
East-West Medical College Dhaka (2000)	Prof. Md. Zaforullah Chowdhury MBBS, M Phil, PhD	MBBS	171	696	76.47%
Enam Medical College, Savar Dhaka (2003)	Prof. Md. Aminul Haque Khan MBBS, MCPS, FCPS, MD	MBBS	213	1008	63%
IBN Sina Medical College Dhaka (2005)	Prof. Mohammad Mohibul Aziz MBBS, FCPS, FRCS	MBBS	90	364	67%
Shaheed Suhrawardy Medical College, Dhaka (2006)	Prof. ABM Muksudul Alam MBBS, MD	MBBS, BDS	318	1331	76.42%
Northern International Medical College, Dhaka (2005)	Prof. Biswas Akhtar Hossain MBBS, DTCD	MBBS	109	279	72%
Nightingale Medical College Dhaka (2006)	Prof. Dipok Kumar Sunyal MBBS, M.Phil	MBBS	65	105	86%
Delta Medical College, Dhaka (2006)	Prof. Dipak Kumer Paul Chowdhury MBBS, M.Phil, MMed	MBBS, BDS	143	541	51%
Uttara Adhunik Medical College, Dhaka (2007)	Prof. Sabbir Ahmed Khan MBBS, FCPS, MS	MBBS	108	560	84.59%
Dhaka Community Medical	Prof. Md. Reazul Haque	MBBS, BDS	105	611	75%

Name of College/Institute with Year of Establishment	Name of Principal/Director with Academic Qualifications	Approved Course/Courses	No. of Teachers	No. of Students	Percentage of Exam. Results
College, Dhaka (2008)	MBBS, DO, MS				
Ad-din Women's Medical College, Dhaka (2008)	Prof. Md. Afiquur Rahman MBBS, FCPS, MS	MBBS Basic B.Sc in Nursing Post Basic B.Sc in Nursing	149	650	77.88%
Anwar Khan Modern Medical College, Dhaka (2008)	Prof. Md. Ekhlalur Rahman MBBS, FCPS, FRCP	MBBS Basic B.Sc in Nursing, Post Basic B.Sc in Nursing	128	1100	-
Diabetic Association Medical College, Faridpur (2009)	Prof. Md. Zohirul Islam Miah MBBS, MS	MBBS	81	588	-
Green Life Medical College Dhaka (2009)	Prof. A.B.M Bayezid Hossain MBBS, FCPS	MBBS Basic B.Sc in Nursing Post Basic B.Sc in Nursing	114	918	77.09%
MH Samorita Medical College, Dhaka (2010)	Prof. Dilip Kuman Dhar MBBS, FCPS	MBBS, BDS B.Sc in Nursing Post Basic B.Sc in Nursing	108	1033	-
Popular Medical College Dhaka (2010)	Prof. Khan Abul Kalam Azad MBBS, MD, FCPS, FRCP	MBBS	134	531	100%
Monno Medical College Manikganj (2011)	Prof. Md. Akhtaruzzaman MBBS, M.Phil	MBBS Basic B.Sc in Nursing Post Basic B.Sc in Nursing	103	559	90.90%
Dr. Sirajul Islam Medical College, Dhaka (2011)	Prof. M.A. Aziz MBBS, DO	MBBS	99	490	75%
Marks Medical College Dhaka (2011)	Maj. Gen. (Retd) Prof. Md. Nasir Uddin MBBS, MPH, M.Phil	MBBS, BDS Basic B.Sc in Nursing Post Basic B.Sc in Nursing	165	687	53.57%
Dhaka Central International Medical College, Dhaka (2011)	Prof. Bidhu Bhushan Das MBBS, MD	MBBS Basic B.Sc in Nursing Post Basic B.Sc in	104	827	-

Name of College/Institute with Year of Establishment	Name of Principal/Director with Academic Qualifications	Approved Course/Courses	No. of Teachers	No. of Students	Percentage of Exam. Results
		Nursing			
Shaheed Syed Nazrul Islam Medical College, Kishoreganj (2011)	Dr. Md. Nazrul Islam MBBS, DO	MBBS	85	300	-
Sheikh Sayera Khatun Medical College, Gopalganj (2011)	Dr. Md. Zakir Hossain MBBS, MD, D.Card	MBBS	75	295	82%
City Medical College Gazipur (2012)	Brig. Gen. (Retd.) Prof. Md. Eunos Ali Mondol MBBS, FCPS	MBBS	62	395	61.37%
Ashiyar Medical College Dhaka (2012)	Prof. Mahmud Hasan MBBS, FCPS, MS	MBBS	88	200	-
Shahid Tajuddin Ahmad Medical College, Gazipur (2013)	Prof. Md. Abdul Kader MBBS, DA, FCPS, MD	MBBS	127	358	-
President Abdul Hamid Medical College, Kishoreganj (2013)	Prof. A.N.M Naushad Khan MBBS, MCPS, DA	MBBS	100	414	-
AICHI Medical College, Uttara, Dhaka (2013)	Prof. Laila Mahzabeen Banu MBBS, MD	MBBS	45	161	92%
Bikrampur Bhuiyan Medical College, Munshiganj (2014)	Prof. S.M Arifur Rahman MBBS, M.Phil, D.Bact, MCPS	MBBS	82	186	88%
Universal Medical College, Dhaka (2014)	Prof. Md. Enamul Karim MBBS, FCPS	MBBS	82	219	-
Care Medical College, Dhaka (2014)	Prof. Farhana Salam MBBS, DFM, MCPS	MBBS	101	222	-
Bashundhara Ad-din Medical College, South Keraniganj, Dhaka (2013)	Prof. Muhammad Nurul Alam MBBS, M.Phil	MBBS	79	250	93.29%
US-Bangla Medical College Narayanganj (2013)	Prof. Brig.Gen.(Retd.) Md. Azizul Islam MBBS, FCPS, FRCP, FACP	MBBS	92	312	-
Patuakhali Medical College Patuakhali (2014)	Prof. Md. Faizul Bashar MBBS, M Phil	MBBS	47	290	85%
Colonel Malek Medical	Dr. Md. Zakir Hossain	MBBS	105	363	-

Name of College/Institute with Year of Establishment	Name of Principal/Director with Academic Qualifications	Approved Course/Courses	No. of Teachers	No. of Students	Percentage of Exam. Results
College, Manikganj (2014)	MBBS, DA, MCPC				
Sheikh Hasina Medical College, Jamalpur (2014)	Prof. Shyamal Kumar Saha MBBS, M Phil	MBBS	81	334	-
Sheikh Hasina Medical College & Hospital, Tangail (2014)	Prof. Md. Nurul Amin Miah MBBS, MD	MBBS	100	343	-
Mugda Medical College Dhaka (2015)	Prof. Ahmedul Kabir MBBS, FCPS	MBBS	168	351	-
Monowara Sikder Medical College, Shariatpur (2015)	Prof. Afroza Momen MBBS, M.Phil	MBBS	73	181	-
Netrokona Medical College Netrokona (2018)	Prof. Shyamal Kumar Paul MBBS, M Phil, PhD	MBBS	27	144	-
United Medical College, Gulshan, Dhaka (2019)	Prof. Md. Abdul Wakil MBBS, M.Phil	MBBS	14	70	-
Gonoshasthaya Samaj Vittik Medical College, Savar, Dhaka (1989/2019)	Prof. Mesbah Uddin Ahmed MBBS, DCH, FRCP, PhD	MBBS	116	50	-
South Apollo Medical College, Barisal (2020)	Prof. Abul Kalam Azad MBBS, FCPS, MD	MBBS	15	50	-
Dhaka Dental College, Dhaka (1961)	Prof. Md. Humayun Kabir BDS, DDS, M.Phil	BDS	182	532	81.68%
Pioneer Dental College Dhaka (1995)	Prof. Rakiba Sultana BDS, PhD	BDS	103	322	73%
City Dental College, Dhaka (1996)	Prof. Farida Ilius BDS, DDS	BDS	57	307	70.42%
University Dental College Dhaka (1995)	Prof. Hosne Ara Begum BDS, DDS	BDS	79	268	-
Sapporo Dental College Dhaka (2000)	Prof. Asad-Uz-Zaman BDS, DDS, PhD	BDS	93	348	78%
Bangladesh Dental College Dhaka (1996/2003)	Prof. Labuda Sultana BDS, DDPH, M.Sc	BDS	97	284	31%
UP-date Dental College Dhaka (2008)	Dr. SM Abdul Quader BDS, MS	BDS	80	222	76.78%
Saphena Womens Dental College, Dhaka (2009)	Prof. SM Akkas Ali BDS, PhD	BDS	108	329	-

Name of College/Institute with Year of Establishment	Name of Principal/Director with Academic Qualifications	Approved Course/Courses	No. of Teachers	No. of Students	Percentage of Exam. Results
Mandy Dental College Dhaka (2008)	Dr. S. M. Salahuddin Al-Azad BDS, DDS, MMED, MSS, PhD	BDS	65	174	62.70%
National Institute of Traumatology and Orthopedic Rehabilitation Centre, Dhaka (1973)	Prof. Md. Abdul Gani Mollah MBBS, D.Ortho, PhD	B.Sc in Physiotherapy	49	205	87%
Bangladesh Shishu Hospital & Institute, Dhaka (1983)	Prof. Farid Ahmed MBBS, DCH, MD	B.Sc in Health Technology (Laboratory)	12	114	94.11%
Bangladesh Health Professions Institute, Savar (1992)	Prof. Md. Omar Ali Sarker MBBS, MPH	B.Sc in Physiotherapy, B.Sc in Occupational Therapy, B.Sc in Speech & Language Therapy, B.Sc in Prosthetics and Orthotics, M.Sc in Physiotherapy, M.Sc in Rehabilitation Science	52	535	91.67%
Institute of Medical Technology, Dhaka (1999/2004)	Dr. Md. Abdul Malek Sarker MBBS, DIH	B.Sc in Health Technology (Laboratory)	31	257	82%
State College of Health Sciences, Dhaka (2002)	Dr. Salek Ahmed MBBS, MS	B.Sc in Health Technology (Laboratory), B.Sc in Physiotherapy, B.Sc in Nursing, Post Basic B.Sc in Nursing	23	578	-
Saic College of Medical Science and Technology, Dhaka (2007)	Dr. Rokeya Sultana MBBS, MPH	B.Sc in Health Technology (Laboratory), B.Sc in Physiotherapy, B.Sc in Occupational Therapy, B.Sc in Health Technology (Radiology & Imaging),	32	603	-
Institute of Health	Dr. Umme Aziz Nasima Khandker	B.Sc in Health	22	655	100%

Name of College/Institute with Year of Establishment	Name of Principal/Director with Academic Qualifications	Approved Course/Courses	No. of Teachers	No. of Students	Percentage of Exam. Results
Technology Dhaka (1963/2008)	MBBS	Technology (Laboratory), B.Sc in Physiotherapy, B.Sc in Health Technology (Radiology & Imaging)			
Institute of Public Health Dhaka (1953/2013)	Dr. Rasheda Sultana MBBS	B.Sc in Health Technology (Laboratory) and B.Sc in Health Technology (Food safety)	11	176	-
Institute of Epidemiology, Disease Control & Research, Mohakhali, Dhaka (1976/2013)	Prof. Tahmina Shirin MBBS, M.Phil, PhD	M.Sc in applied Epidemiology	12	09	-
International Institute of Health Sciences (2018)	Dr. Md. Abdul Waheed MBBS, EMPH, PGT	B.Sc in Physiotherapy, B.Sc in Health Technology (Laboratory)	28	102	-
Dhaka College of Physiotherapy, Dhaka, (2020)	Prof. Md. Abdullah Al Masud MBBS, M.Phil	B.Sc in Physiotherapy	17	12	-
Trauma Institute of Medical Technology, Dhaka (2020)	Dr. Md. Tajul Islam Talukder MMBS	B.Sc in Health Technology (Laboratory) and B.Sc in Health Technology (Radiology & Imaging)	29	50	-
College of Nursing, Dhaka (1970)	Dr. Md. Mofiz Ullah B.Sc in Nursing, M.Sc in International Health, PhD	Post Basic B.Sc in Nursing and B.Sc in Public Health Nursing	28	122	-
Dhaka Nursing College, Dhaka (1947/2008)	Halima Akhter MPH, SRHR	Basic B.Sc in Nursing	33	387	81%
Kumudini Nursing College Tangail (2007)	Sistar Rina Magdaline Cruze B.Sc in Nursing, HGD, MPH	Basic B.Sc in Nursing Post Basic B.Sc in Nursing	40	238	100%
Mymensingh Nursing	Nazma Khatoon	Basic B.Sc in Nursing	09	382	100%

Name of College/Institute with Year of Establishment	Name of Principal/Director with Academic Qualifications	Approved Course/Courses	No. of Teachers	No. of Students	Percentage of Exam. Results
College Mymensingh (1970/2008)	B.Sc in Nursing, MPH				
Barishal Nursing College Barishal (2010)	Maksuda Begum MPH	Basic B.Sc in Nursing	16	386	100%
Square College of Nursing Dhaka (2012)	Mst. Nasima Khatun B.Sc in Nursing, MPH	Basic B.Sc in Nursing	20	194	100%
United College of Nursing Dhaka (2011)	Prof. Dr. Momotaz Khanam MPH, PhD	Basic B.Sc in Nursing Post Basic B.Sc in Nursing	10	198	100%
East-West Nursing College Dhaka (2011)	Major (Retd) Sharifa Khatun B.Sc in Nursing, MPH	Basic B.Sc in Nursing Post Basic B.Sc in Nursing	12	310	-
BIRDEM Nursing College Dhaka (2013)	Noni Bagchi MPH	Basic B.Sc in Nursing Post Basic B.Sc in Nursing	09	286	100%
CRP Nursing College, Savar Dhaka (2004/2014)	Runu Chowdhury MPH	Basic B.Sc in Nursing	27	143	-
Sheikh Fazilatunnessa Mujib Memorial KPJ Nursing College, Gazipur (2015)	Shahanaz Parvin MPH	Basic B.Sc in Nursing Post Basic B.Sc in Nursing	04	257	90.16%
Grameen Kaledonian College of Nursing, Dhaka (2010)	Neru Shamsun Nahar M.Sc in International Health	Basic B.Sc in Nursing Post Basic B.Sc in Nursing	25	236	100%
Jahurul Islam Nursing College, Kishorganj (2015)	Momtaz Begum MPH	Basic B.Sc in Nursing Post Basic B.Sc in Nursing	15	238	100%
Dhaka Community Nursing College, Boro Moghbazar, Dhaka (2014)	Monica Rebeiro MPH	Basic B.Sc in Nursing Post Basic B.Sc in Nursing	18	193	100%
Gazi Munibur Rahman Nursing College, Patuakhali (2016)	Mahamuda Begum MPH	Basic B.Sc in Nursing Post Basic B.Sc in Nursing	18	145	-
DWF Nursing College, Barishal (2016)	Basanti Rani MPH	Basic B.Sc in Nursing Post Basic B.Sc in Nursing	37	223	-

Name of College/Institute with Year of Establishment	Name of Principal/Director with Academic Qualifications	Approved Course/Courses	No. of Teachers	No. of Students	Percentage of Exam. Results
Skabo Nursing College Mymensingh (2015)	Khaleda Khatun MPH	Basic B.Sc in Nursing Post Basic B.Sc in Nursing	14	134	-
Holy Family Red Crescent Nursing College, Dhaka (2017)	Shamsun Nahar MPH	Basic B.Sc in Nursing	08	92	-
Prime College of Nursing Dhaka (2013)	Sufia Khatun Master of Nursing	Basic B.Sc in Nursing Post Basic B.Sc in Nursing	10	91	100%
College of Nursing, Sher-e-Bangla Nagar, Dhaka (2017)	Gulshan Ara Biswas Masters in Nursing Science	Basic B.Sc in Nursing	17	297	-
Shahid Tajuddin Ahmad Nursing College, Gazipur (2017)	Shamsun Nahar MPH	Basic B.Sc in Nursing	11	289	-
Manikganj Nursing College, Manikganj (2015)	Padma Rani Ghose MPH	Basic B.Sc in Nursing	10	285	74%
Ayat College of Nursing & Health Sciences, Dhaka (2019)	Dr. Rumana Akter Khatun MPH, PhD	Basic B.Sc in Nursing Post Basic B.Sc in Nursing	16	82	-
Universal Nursing College, Dhaka (2019)	Dr. Anthonia De Costa MPH, PhD	Basic B.Sc in Nursing Post Basic B.Sc in Nursing	25	78	100%
Rajdhani Nursing College, Barishal (2018)	Maksuda Begum M.Sc in Nursing	Basic B.Sc in Nursing Post Basic B.Sc in Nursing	14	86	-
Zahir Meherun Nursing College Patuakhali (2018)	Moshammat Mamtaz Begum MPH	Basic B.Sc in Nursing Post Basic B.Sc in Nursing	24	75	-
Madaripur DWF Nursing College, Madaripur (2018)	Prof. Haridas Ahdikary MPH	Basic B.Sc in Nursing	20	25	-
Faridpur International Nursing College, Faridpur (2019)	Hurun Nahar MPH	Basic B.Sc in Nursing Post Basic B.Sc in Nursing	11	153	-
STS Nursing College Dhaka (2019)	Dr. Nadima Akhter MPH, PhD	Basic B.Sc in Nursing Post Basic B.Sc in	17	68	-

Name of College/Institute with Year of Establishment	Name of Principal/Director with Academic Qualifications	Approved Course/Courses	No. of Teachers	No. of Students	Percentage of Exam. Results
		Nursing			
Saic Nursing College Dhaka (2018)	Mst. Sufia Khatun MPH	Basic B.Sc in Nursing Post Basic B.Sc in Nursing	17	97	-
Syeda Zohra Tajuddin Nursing College, Gazipur (2019)	Najma Akter MPH	Post Basic B.Sc in Nursing Post Basic B.Sc in Public Health Nursing	15	243	-
Enam Nursing College, Savar, Dhaka (2019)	Md. Saidur Rahman MPH	Basic B.Sc in Nursing Post Basic B.Sc in Nursing	15	70	-
Japan Bangladesh Friendship Nursing College, Vatara, Dhaka (2019)	Shakti Sharma MPH, RN	Basic B.Sc in Nursing Post Basic B.Sc in Nursing Post Basic B.Sc in Public Health Nursing	18	19	-
Florence College of Nursing, Tangail (2019)	Mst. Nurzahan Begum MPH	Basic B.Sc in Nursing	07	24	-
Rajbari Ideal Nursing College, Rajbari	Doulonton Nesa MPH	Basic B.Sc in Nursing Post Basic B.Sc in Nursing	08	20	-
Prince Nursing College, Savar, Dhaka	Jannatul Ferdowsy MPH	Basic B.Sc in Nursing	12	17	-
Bangladesh Nursing College, Darussalam Road, Dhaka	Md. Faruque Hossain MPH, MBA, PGDPM	Basic B.Sc in Nursing Post Basic B.Sc in Nursing	13	30	-
Momenshahi Nursing College, Mymensingh	Saleha Khatun MPH	Basic B.Sc in Nursing Post Basic B.Sc in Nursing	07	17	-
Dynamic Nursing College, Mohammadpur, Dhaka	Mst. Shirin Sultana MPH	Basic B.Sc in Nursing Post Basic B.Sc in Nursing	12	20	-
Principal Mijanur Rahman Nursing College, Bhuyapur, Tangail	Khaleda Khatun M.Sc in Nursing	Basic B.Sc in Nursing Post Basic B.Sc in Nursing	16	15	-

Name of College/Institute with Year of Establishment	Name of Principal/Director with Academic Qualifications	Approved Course/Courses	No. of Teachers	No. of Students	Percentage of Exam. Results
Supreme Nursing College, Tangail	Bilkis Begum MPH	Basic B.Sc in Nursing Post Basic B.Sc in Nursing	09	30	-
Turag Adhunik Nursing College, Dhaka	Dr. Fatema Khanam MSN, RN, PhD	Basic B.Sc in Nursing	10	30	-
Unique Nursing College, Signboard, Narayanganj	Md. Shahidul Islam MPH	Basic B.Sc in Nursing Post Basic B.Sc in Nursing	10	17	-
Community Based Nursing College Bangladesh, Mymensingh	Johura Khanam M.Sc in Nursing	Basic B.Sc in Nursing Post Basic B.Sc in Nursing	34	50	-
Rumdo Nursing College, Mymensingh	Md. Masudur Rahman MPH	Basic B.Sc in Nursing Post Basic B.Sc in Nursing	05	30	-
Mymensingh Elite Nursing College, Mymensingh	Monowara Khatun MPH	Basic B.Sc in Nursing Post Basic B.Sc in Nursing	10	09	-
Govt. College of Applied Human Science, Dhaka (1961)	Prof. Ismat Rumina B.Sc, M.Sc	B.Sc(Hons) Home Economics, M.Sc	64	4877	99.99%
Bangladesh Home Economics College, Dhaka (1996)	Prof. Rupasree Chowdhury M.Sc, M.Phil	B.Sc (Pass), B.Sc (Hons) Home Economics, M.Sc	40	1623	-
National College of Home Economics, Dhaka (1998)	Nurun Nahar Begum MSS	B.Sc(Hons) Home Economics, M.Sc	34	2364	-
Mymensingh Home Economic College, Mymensingh (2008)	Suporna Rani Debnath B.Sc, MS	B.Sc (Hons) Home Economics	22	177	-
Akij College of Home Economics, Dhaka (2017)	Mahmuda Parveen B.Sc, M.Sc	B.Sc (Hons) Home Economics	24	538	-
Technical Teachers Training College, Dhaka (1964)	Dr. Eng. Md. Ramzan Ali B.Sc, M.Sc(Engineering), PhD	B.Sc in Technical Education	20	36	-
Mymensingh Engineering College, Mymensingh (2009)	Prof. Md. Alamgir Hossain B.Sc, M.Sc(Computer Science)	B.Sc. in Electricitcal & Electronic Engineering, B.Sc in	19	578	98.27%

Name of College/Institute with Year of Establishment	Name of Principal/Director with Academic Qualifications	Approved Course/Courses	No. of Teachers	No. of Students	Percentage of Exam. Results
		Civil Engineering, B.Sc in Computer Science & Engineering			
National Institute of Textile Engineering & Research, Savar Dhaka (1979/2010)	Md. Mahabub Hasan M.Sc in Textile Engineering	B.Sc. in Textile Engineering, B.Sc. in Industrial & Production Engineering, B.Sc. in Fashion Design and Apparel Engineering, B.Sc. in Computer Science and Engineering, B.Sc. in Electricitcal & Electronic Engineering, Masters in Textile Engineering, Master of Business Administration in Textile and Apparel Value Chain	112	1683	93.33%
Shyamoli Textile Engineering College, Dhaka (2009)	Prof. Dr. Md. Mufazzal Hossain PhD	B.Sc. in Textile Engineering, B.Sc. in Fashion Design and Apparel Engineering, B.Sc. in Electricitcal & Electronic Engineering, B.Sc. in Computer Science and Engineering	56	426	-
Faridpur Engineering College Faridpur (2010)	Prof. Dr. Engr. Md. Mizanur Rahman B.Sc in Engineering, M.Sc, PhD	B.Sc. in Electricitcal & Electronic Engineering, B.Sc in Civil Engineering, B.Sc in Computer Science & Engineering	20	671	-
Barishal Engineering	Engr. Md. Ruhul Amin	B.Sc. in Electricitcal &	10	329	-

Name of College/Institute with Year of Establishment	Name of Principal/Director with Academic Qualifications	Approved Course/Courses	No. of Teachers	No. of Students	Percentage of Exam. Results
College, Barishal (2017)	M.Sc Engineering	Electronic Engineering, B.Sc in Civil Engineering			
Shahidul Chowdhury Engineering College, Faridpur (2017)	Sonia Farzana M.Sc	B.Sc in Civil Engineering, B.Sc. in Electricital & Electronic Engineering	-	-	-
Dhaka Engineering College, Uttara, Dhaka (2019)	Engr. Hasnain Ibn Halim B.Sc in Civil Engineering	B.Sc in Software Engineering	-	-	-
K.M. Humayun Kabir Engineering College, Mymensingh (2019)	Md. Mumtazul Karim M.Sc	B.Sc in Civil Engineering, B.Sc in Computer Science & Engineering	11	18	-
Bangladesh Homeopathic Medical College (1948/1986)	Dr. Saleha Khatun MSS, BHMS	BHMS	21	351	-
Government Homeopathic Medical College (1989)	Dr. Ashim Krishna Chowdhury BHMS, MPH	BHMS	52	215	-
Government Unani & Ayurvedic Medical College Dhaka (1989)	Dr. Swapan Kumar Datta BAMS, MPH	BUMS, BAMS	42	236	50%
Bangladesh Institute of Governance and Management, Dhaka (2006)	Dr. Mohammad Tareque MA, MPA, PhD	MPA in governance and Public policy, MPA in International Economic Relations, MPA in Human Resource Management	51	102	-
Dhaka School of Economics, Dhaka (2011)	Dr. Qazi Kholiquzzaman Ahmad PhD	Bachelor of Economics (BEcon) in Environmental and Resource Economics, Bachelor of Economics (BEcon) in Development Economics, Post	18	298	-

Name of College/Institute with Year of Establishment	Name of Principal/Director with Academic Qualifications	Approved Course/Courses	No. of Teachers	No. of Students	Percentage of Exam. Results
		Graduate Diploma in Economics (DIPcon), Post Graduate Diploma in Enterprise Development, Master of Economics (MEcon) in Environmental Economics, Master of Economics (MEcon) in Development Economics, Master of Economics (Entrepreneurship Economics)			
Dhaka School of Bank Management, Dhaka (2012)	Prof. Md. Nehal Ahmed MSc, MBA	Masters in Bank Management (MBM), Masters in Bank Management (MBM) Evening	39	221	85.36%
Bangladesh Ansar & VDP Academy, Gazipur (1996/2012)	Mahboob Ul Islam BSS, MSS	Masters in Human Security (MHS)	15	23	-
Dhaka School of Broad Cast Journalism, Dhaka (2014)	Md. Zahidul Islam M.A	Post graduate Diploma in Broadcast Journalism	08	20	-
Pathshala South Asian Media Institute, Dhaka (1998/2017)	Kha Ma Harun Al Rashid MA, PGD, NSD	Bachelor of Photography, Post Graduate Diploma in Film and Television	16	47	-
BIDS Graduate School of Economics, Dhaka (2019)	Dr. Sultan Hafeez Rahman Ph.D	Master of Development Economics	-	-	-
Bangladesh Institute of Capital Market, BGIC Tower, Dhaka	Dr. Mahmuda Akter Ph.D	Master of Applied Finance and Capital Market	10	53	-

Name of College/Institute with Year of Establishment	Name of Principal/Director with Academic Qualifications	Approved Course/Courses	No. of Teachers	No. of Students	Percentage of Exam. Results
Dhaka College, Dhaka (1841)	Prof. I K Selim Ullah Khondaker M.Com	BA (Hon's) : Bengali, English, History, Islamic History & Culture, Philosophy and Islamic Studies. BSS (Hon's) : Political Science, Sociology and Economics BSc (Hon's) : Physics, Chemistry, Botany, Zoology, Statistics, Psychology, Geography & Environment and Mathematics BBA (Hon's) : Accounting and Management MA : Bengali, English, History, Islamic History & Culture, Philosophy and Islamic Studies. MSS : Political Science, Sociology and Economics MSc : Physics, Chemistry, Botany, Zoology, Statistics, Psychology, Geography & Environment and Mathematics MBA : Accounting and Management	219	15899	-
Kabi Nazrul Government	Prof. Amena Begum	BA (Hon's) : Bengali,	110	17627	-

Name of College/Institute with Year of Establishment	Name of Principal/Director with Academic Qualifications	Approved Course/Courses	No. of Teachers	No. of Students	Percentage of Exam. Results
College, Dhaka (1874)	MA, LLB	English, Arabic, History, Islamic History & Culture, Philosophy and Islamic Studies. BSS (Hon's) : Political Science and Economics BSc (Hon's) : Physics, Chemistry, Botany, Zoology, Geography & Environment and Mathematics BBA (Hon's) : Accounting and Management MA (Preliminary) : Bengali, Islamic Studies, Islamic History & Culture, History Philosophy and Arabic. MSS (Preliminary) : Political Science and Economics MSc (Preliminary) : Geography & Environment MBS (Preliminary) : Accounting and Management MA : Bengali, English, Islamic Studies, Islamic History & Culture, History, Philosophy and			

Name of College/Institute with Year of Establishment	Name of Principal/Director with Academic Qualifications	Approved Course/Courses	No. of Teachers	No. of Students	Percentage of Exam. Results
		Arabic. MSS : Political Science and Economics MSc : Physics, Chemistry, Botany, Zoology, Geography & Environment and Mathematics MBS : Management and Accounting			
Eden Mohila College, Dhaka (1873)	Prof. Supriya Bhattacharjee M.Com	BA (Hon's) : Bengali, English, History, Islamic History & Culture, Philosophy and Islamic Studies. BSS (Hon's) : Economics, Political Science, Sociology and Social Work. BSc (Hon's) : Physics, Chemistry, Botany, Zoology, Geography & Environment, Psychology, Home Economics, Mathematics and Statistics BBA (Hon's) : Accounting, Finance & Banking, Management and Marketing MA (Preliminary) : Bengali, English, History, Islamic History & Culture and	246	16319	-

Name of College/Institute with Year of Establishment	Name of Principal/Director with Academic Qualifications	Approved Course/Courses	No. of Teachers	No. of Students	Percentage of Exam. Results
		Philosophy. MSS (Preliminary) : Economics, Political Science and Social Work. MSc (Preliminary) : Physics, Chemistry, Botany, Zoology, Geography & Environment, Psychology, Home Economics and Mathematics. MBS (Preliminary) : Accounting, Management, Marketing and Finance & Banking MA : Bengali, English, History, Islamic History & Culture, Philosophy and Islamic Studies. MSS : Economics, Political Science, Sociology and Social Work. MSc : Physics, Chemistry, Botany, Zoology, Geography & Environment, Psychology, Home Economics and Mathematics. MBS : Accounting, Finance & Banking,			

Name of College/Institute with Year of Establishment	Name of Principal/Director with Academic Qualifications	Approved Course/Courses	No. of Teachers	No. of Students	Percentage of Exam. Results
		Management and Marketing			
Begum Badrunnesa Government Mohila College, Dhaka (1948)	Prof. Sabikun Nahar MA	BA (Hon's) : Bengali, English, History, Islamic History & Culture, Philosophy and Islamic Studies. BSS (Hon's) : Economics, Political Science, Social Work and Sociology. BSc (Hon's) : Physics, Chemistry, Botany, Zoology, Mathematics, Geography & Environment, Psychology and Home Economics BBA (Hon's) : Accounting and Management MA (Preliminary) : Bengali, English and History MSS (Preliminary) : Economics, Social Work, Sociology and Political Science MSc (Preliminary) : Home Economics MA : Bengali, English, History, Islamic History & Culture and Philosophy MSS : Economics,	135	9740	-

Name of College/Institute with Year of Establishment	Name of Principal/Director with Academic Qualifications	Approved Course/Courses	No. of Teachers	No. of Students	Percentage of Exam. Results
		Political Science, Social Work and Sociology MSc : Physics, Chemistry, Mathematics, Botany, Zoology, Geography & Environment, Psychology and Home Economics			
Government Shahid Suhrawardy College, Dhaka (1949)	Prof. Md. Mohsin Kabir MA	BA (Hon's) : Bengali, English, Islamic History & Culture, Islamic Studies and Philosophy. BSS (Hon's) : Economics, Political Science and Social Work BSc (Hon's) : Physics, Chemistry, Botany, Zoology, Soil Science Mathematics and Geography & Environment, BBA (Hon's) : Accounting and Management MA (Preliminary): Bengali, Islamic History & Culture and Islamic Studies MSS (Preliminary) : Economics, Political Science and Social Work MSc (Preliminary) :	83	9999	-

Name of College/Institute with Year of Establishment	Name of Principal/Director with Academic Qualifications	Approved Course/Courses	No. of Teachers	No. of Students	Percentage of Exam. Results
		Chemistry, Zoology, Soil Science, MBS (Preliminary) : Accounting and Management MA : Bengali, English, Islamic History & Culture, Islamic Studies and Philosophy. MSS : Economics, Political Science and Social Work M.Sc : Chemistry, Botany, Zoology, Soil Science Mathematics and Geography & Environment, MBA : Accounting and Management			
Government Bangla College, Dhaka (1962)	Prof. Dr. Ferdousi Khan MA, PhD	BA (Hon's) : Bengali, English, Islamic Studies, Islamic History & Culture and History. BSS (Hon's) : Economics, Political Science and Social Work BSc (Hon's) : Physics, Chemistry, Botany, Zoology, Soil Science and Mathematics BBA (Hon's) : Accounting, Management,	141	14708	-

Name of College/Institute with Year of Establishment	Name of Principal/Director with Academic Qualifications	Approved Course/Courses	No. of Teachers	No. of Students	Percentage of Exam. Results
		Marketing and Finance & Banking MA (Preliminary) : Bengali, Islamic Studies and Islamic History & Culture MSS (Preliminary) : Political Science and Social Work MSc (Preliminary) : Mathematics MBS (Preliminary) : Accounting and Management MA : Bengali, English, Islamic Studies and Islamic History & Culture MSS : Economics, Political Science and Social Work MSc : Physics, Chemistry, Botany, Zoology and Mathematics. MBS : Accounting and Management			
Government Titumir College, Dhaka (1968)	Prof. Md. Ashraf Hossain MSS	BA (Hon's) : Bengali, English, History, Islamic History & Culture, Philosophy and Islamic Studies. BSS (Hon's) : Political Science, Social Science, Social Work and Economics	204	17905	-

Name of College/Institute with Year of Establishment	Name of Principal/Director with Academic Qualifications	Approved Course/Courses	No. of Teachers	No. of Students	Percentage of Exam. Results
		BSc (Hon's) : Physics, Chemistry, Botany, Zoology, Geography & Environment, Psychology, Statistics and Mathematics BBA (Hon's) : Accounting, Finance & Banking, Management and Marketing MA (Preliminary) : Bengali and English MSS (Preliminary) : Political Science and Social Work MSc (Preliminary) Botany, Zoology and Mathematics MA : Bengali, English, History, Islamic History & Culture, Philosophy and Islamic Studies. MSS : Political Science, Social Work, Economics and Social Science MSc : Physics, Chemistry, Botany, Zoology and Mathematics MBS : Accounting, Management, Finance & Banking and Marketing			