



EWU INAUGURATED ITS NEW SHAHEED MINAR ON INTERNATIONAL MOTHER LANGUAGE DAY

East West University (EWU) has inaugurated the newly constructed 'Shaheed Minar' by paying homage to the martyrs of the great language movement. On the occasion of International Mother Language Day, all stakeholders of the university led by Syed Manzur Elahi, Chairperson, Board of Trustees of EWU and Prof. Dr. Mohammed Farashuddin, Chief Adviser of EWU took part in the inauguration program.

On the occasion, a prayer was offered for the eternal peace of the martyrs and greater prosperity of Bangladesh. Mr. Nowshad Shamsul Arefin, Member, Board of Trustees, EWU, Mr. Mansoor Mumin, Member, Board of Trustees, EWU, Prof. Dr. Ziaulhaq Mamun, Pro- Vice Chancellor, EWU, AZM Shafiqul Alam, Treasurer, EWU, teachers, officials, staff, and students of EWU attended the event.



EAST WEST UNIVERSITY OBSERVED 51ST INDEPENDENCE DAY

East West University (EWU) observed the 51st Independence Day of Bangladesh with due respect. To commemorate this historic Independence Day, EWU arranged a program of the hoisting of the national flag at 05.57 a.m. on Saturday, 26 March 2022 at the EWU Campus, Aftabnagar, Dhaka. The national flag was hoisted by Professor Dr. Mohammed Farashuddin, Founder President of Board of Directors, Chief Adviser and Founder Vice Chancellor of EWU while the University flag

was hoisted by Professor Dr. M. M. Shahidul Hassan, Vice Chancellor of EWU. After a prayer for peace, security, and prosperity of the country, a short speech was given by Professor Dr. Farashuddin. He urged all to work for the harmony, unity, and solidarity of the country.

Deans of different faculties, Chairpersons of various departments, faculty members, Registrar, administrative officials, and students from the university participated in this event.

EWU ARRANGES A MERIT SCHOLARSHIP AWARDING CEREMONY 2022

East West University (EWU) provided 'Merit Scholarship Award 2022' to 471 students from Spring 2020 to Spring 2022 for their excellent academic performance. The program was held on 16 March 2022 at the EWU Campus, Aftabnagar, Dhaka.

Syed Manzur Elahi, Chairperson, and founder member of Board of Trustees, EWU and former adviser of Caretaker Government attended the ceremony as the Chief Guest. Professor Dr. M. M. Shahidul Hassan, Vice-Chancellor, EWU was the special guest of the program. And, Professor Dr. Mohammed Farashuddin, Founder President, Board of Directors, and Chief Adviser and

Founder Vice Chancellor, EWU, presided over the program. Professor Dr. Muhammad Ziaulhaq Mamun, Pro Vice-Chancellor, EWU addressed welcome remarks on the occasion. They also handed over the certificates to the award recipients.

Congratulating the award recipients for their outstanding results, the speakers also urged the students to dedicate themselves to nation-building activities.

The Treasurer, deans of faculties, chairpersons of different departments, faculty members, officers, staff, recipients and their guardians were also present at the ceremony.





EAST WEST UNIVERSITY CELEBRATES INTERNATIONAL WOMEN'S DAY

East West University (EWU) has celebrated International Women's Day with a colorful program at EWU Campus, Aftabnagar, Dhaka on Tuesday, 08 March 2022. The event was followed by a discussion session entitled "Gender Equality Today, for a Sustainable Tomorrow".

The discussion session has been attended by Ms. Rupali Chowdhury, Managing Director, Berger Paints Bangladesh Limited as the Chief Guest, Professor Dr. Muhammad Ziaulhaq Mamun, Pro Vice-Chancellor, EWU, Professor Dr. Fouzia Mannan, Dean, Faculty of

Liberal Arts and Social Sciences, EWU, and Professor Dr. Sufia Islam, Chairperson, Department of Pharmacy, EWU, among others. The program was chaired by Professor Dr. Mohammed Farashuddin, Chief Adviser and Founder Vice Chancellor of EWU and former governor of the Bangladesh Bank. The discussion session to shed light on the progress and challenges of women in Bangladesh.

Faculty members, officers, staff and students of EWU also attended the program.



Inaugural ceremony of National Library Day 2020

EAST WEST UNIVERSITY LIBRARY A Gateway to Knowledge

Celebration of National Library Day

National Library Day is observed on February 5 across the country. EWU library celebrated this day in 2020 aiming at building an educated and enlightened nation and making the people aware of the importance of library. In 2021, EWU Library observed this day online following the theme “The Promise of Mujib year, Library in every house”.

Book Donation



Book Donation Program for EWU Library 2021

On 2nd of June 2021, a book donation program was held at Dr. M. Afsarul Qader’s residence at Dhanmondi. Dr. M. Afsarul Qader donated valuable books, journal, and periodicals from his own collection to the East West University Library. Dr. Qader is a former ambassador and foreign secretary of the People’s Republic of Bangladesh. Professor Dr. Mohammed Farashuddin, Chief Adviser and Founder Vice Chancellor, East West University and Former Governor, Bangladesh Bank received the books on behalf of the University.

Online discussion

East West University Library has organized an online discussion program on “Digital libraries in the pandemic: How EWU library served the community” on 15 February 2022.

The presenter was Dr. Dilara Begum, Associate Professor and Chairperson, Dept. of Information Studies and Library Management & Librarian (In-Charge), East West University”.

Dr. Muhammad Ziaulhaq Mamun, Pro-Vice Chancellor, East West University was the Chief Guest and Dr. Kazi Mostak Gausul Hoq, Professor, Dept. of Information Science and Library Management, University of Dhaka was the Special Guest of this event. Dr. Joy Samad, Honorable Member, Board of Trustees, EWU was present in the program and delivered his precious speech.

Trial access of CAS SciFinder

EWU Library has arranged trial access to SciFinder-n from March 16th, 2022, through April 14th, 2022. SciFinder, produced by Chemical Abstracts Service (CAS), is a core research tool for chemistry, biochemistry, chemical engineering, materials science, nanotechnology, physics, environmental science, and other science and engineering disciplines.

Publications

Parvin, S. and Rahman, R. (2020, November). Innovations and adaptability in response to the COVID-19 pandemic: The role of library and information science (LIS) Professionals

in Bangladesh. IFLA Asia Oceania Regional Quarterly News, November 2020 issue, Retrieved from https://www.ifla.org/files/assets/asia-and-oceania/news/ifla_ro_newsletter_nov_2020_issue.pdf

Parvin, S., Begum, D., Shobhane, M. E., & Hasan, M. N. (2021). Evolving Roles of East West University Library During the COVID-19 Pandemic. In B. Holland (Ed.), *Handbook of Research on Knowledge and Organization Systems in Library and Information Science* (pp. 213-230). UK: IGI Global. <http://doi:10.4018/978-1-7998-7258-0.ch012>

Parvin, S., Latif, M.A., Shahanawaz, M.S., & Haque, M.E. (2021). Off-campus access to electronic resources: Opportunities and challenges for private university libraries in Bangladesh. In *2nd International Conference on Information and Knowledge Management* (pp. 92-94). Dhaka: East West University

Ahmed, T. (2021, April 25).

জ্ঞান আহরণের প্রচেষ্টাই হল উপাসনা', চাঁপাই টিবিউন. Retrieved from <https://chapaitribune.com/জ্ঞান-আহরণের-প্রচেষ্টাই>।

EDITORIAL

It is an honour for East West University (EWU) family to inform you that it has now got its new Shaheed Minar, also known as Alor Minar. EWU also loves to share with you that the “World Scientist and University Rankings 2021” by AD Scientific Index has ranked EWU as the first among all private universities in Bangladesh and the third among all universities in Bangladesh.

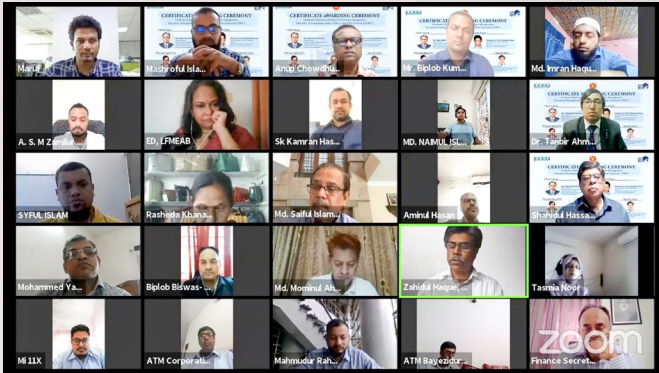
The EWU authority has declared “20% waiver on the Tuition Fee to all students to be registered in Spring Semester 2022 - Fall Semester 2023 to give a financial comfort” during COVID-19 pandemic. EWU takes pride in the fact that it has managed successfully to maintain the “Excellence in Education” during the pandemic situation. To begin with, the Institutional Quality Assurance Cell (IQAC) and the Center for Research and Training (CRT) of EWU were busy with organising webinars, trainings and workshops in the last three years. In parallel with IQAC and CRT, all departments and their faculty members at EWU were busy with national and international conferences, seminar series, workshops, research and publications. As well as, all clubs along with the Career Counseling Center (CCC) at the Department of Students’ Welfare at EWU were also active with different programs, workshops, seminars and webinars.

During the period of tension and crisis due to COVID-19, the significant number of achievements of many faculty members and students in the last three years showcases a healthy and research-friendly environment at EWU. For example, Ms. Bushra Humayra Esha, Senior lecturer, Department of Business Administration, has achieved a title ‘UNDP Pandemic Hero’ for her outstanding contribution during the Covid-19 crisis period. Among our active students who have also done a great job in the last three years is Saffat Ahmed Bhuiyan from the Department of Information Studies and Library Management; he is one of the eight undergraduate students from Bangladesh to participate in the Community College Initiative (CCI) Program funded by the US Department of State’s Bureau of Educational and Cultural Affairs. EWU Family also loves to congratulate EWU Moot Court Team that ranked 2nd in the preliminary rounds of the prestigious “Nelson Mandela World Human Rights Moot Court Competition 2021” (also, “World Moot”) that took place on 3-8 July, 2021 online. The team qualified for the knockouts for the first time in the history of Bangladesh.

As usual, EWU Family has celebrated all significant days in the history of Bangladesh with due respect. The reopening of East West University along with the Spring 2022 Newsletter after almost three years highlights our desire and ability to share the news of a healthy academic life with better facilities to fight against all visible and invisible enemies of both the nation and its people. To conclude, inspired by both Thomas Stearns Eliot and William Butler Yeats, EWU Family dares to compose a new song entitled “No Second Wasteland”!

Executive Development Center (EDC)

Certificate Awarding Ceremony, Tranche 2



EDC-SEIP, EWU, organized the first Certificate Awarding Ceremony for the GDLFM program on 03 July 2021. Mr. Abdur Rouf Talukder, Senior Secretary, Finance Division, Ministry of Finance & National Project Director (NPD), SEIP, Government of Bangladesh, attended as the chief guest. Moreover, Mr. Md. Zahidul Haque, Additional Secretary, and Executive Project Director (EPD), SEIP, Finance Division, Ministry of Finance, Government of Bangladesh, and Mr. Md. Saiful Islam, President, Leathergoods & Footwear Manufacturers & Exporters Association of Bangladesh (LFMEAB), were present as special guests. This program was chaired by Professor Dr. M. M. Shahidul Hassan, Vice-Chancellor, EWU, and Advisor, EDC. Professor Dr. Tanbir Ahmed Chowdhury, Director, EDC, addressed welcome remarks on the occasion.

EDC-SEIP, EWU Participated in the Webinar organized by Asian Development Bank (ADB)



ADB organized an internal webinar held on February 9, 2022, titled “Establishing University-Industry Linkages for Managerial Workforce Development: Sharing

Experiences from Bangladesh Skills for Employment Investment Program (SEIP)” to enhance the industry-academia collaboration to accelerate the managerial productivity, pragmatism of course curriculum, and the efficacy of overall training outcome.

The seasoned industry experts, practitioners and ADB officials were present. Professor Dr. Tanbir Ahmed Chowdhury, Director, EDC, EWU, presented the overall progress and achievements of SEIP program as well as shared the experiences and knowledge with distinguished resource persons.

2nd Lecture Series, Tranche 3



EDC-SEIP, EWU arranged the second Lecture Series (LF22-1) for the GDLFM program. The program was online on 18 February 2022. The main purpose of this series program is to increase the industry-academia collaboration, exchange knowledge, sharing the very first-hand experiences, and ensuring the updated cutting-edge course contents for the trainees.

The keynote speaker Mr. Engr SAM Yousuf PEng, Chief Executive Officer, Z Shoes and Accessories Limited delivered a valuable lecture on “Practical Solutions to Quality-Related Problems in the organization”. A large group of students, faculties and industry experts attended the program.

Institutional Quality Assurance Cell (IQAC)

International Symposiums



IQAC of EWU hosted a two-day international symposium webinar on “Transition from Traditional to Outcome-Based Education: Call of the Hour” on 13-14 November 2020. Dr. Dipu Moni, MP, Hon’ble Education Minister, graced the inaugural session as the chief guest, while Professor Dr. Kazi Shahidullah, Chairman, University Grants Commission of Bangladesh, presented in the event as the special guest. Professor Dr. Mohammed Farashuddin, Chief Adviser and Founder Vice Chancellor chaired the program. Professor Dr. M. M. Shahidul Hassan, Vice Chancellor, delivered the welcome speech while Professor Dr. Muhammad Ziaulhaq Mamun, Pro-Vice Chancellor, gave the concluded remarks. Many distinguished Professors from Australia, Bangladesh, Hongkong, the Republic of Ireland, Singapore, the USA and the UK took part as resource persons and shared their expertise and knowledge in areas such as the evolution of higher education, SDS4 and the university education during the Covid-19 pandemic. Professor Dr. Basanta Kumar Barmon, Director of IQAC of EWU, convened and moderated the webinar and also gave concluding remarks. In total, 470 instructors and academicians from 32 private and 24 public universities of Bangladesh, and 5 universities from China, India, Hongkong, UAE and the USA attended the symposium. The IQAC of EWU organized a day-long international symposium webinar on “Student Satisfaction and Quality of Higher Education” on 19 June 2021. This event was organized for the faculty members as well as administrative officers of EWU. Dr. Dipu Moni, MP, Hon’ble Education Minister, was present in the inaugural session as the chief guest. Professor

Dr. Kazi Shahidullah, Chairman of the University Grants Commission of Bangladesh, and Professor Dr. M. M. Shahidul Hassan, Vice Chancellor, were present as special guests. Professor Dr. Mohammed Farashuddin, Founder Member of the Board of Trustees, Chief Adviser and Founder Vice Chancellor, chaired the program. Professor Dr. Muhammad Ziaulhaq Mamun, Pro-Vice Chancellor started the event with his welcome speech and Hon’ble Education Minister then inaugurated the symposium. Distinguished Professors from various universities around the world were also present as resource persons. Professor Dr. Basanta Kumar Barmon, Director of the IQAC and Convener and moderator of the symposium, concluded the event with his remarks.

Orientation Program and Workshop

The IQAC of EWU organized a virtual orientation program on “Teaching Learning Methods and Practices” on 19 - 20 March 2021. This event was targeted to those members of the faculty who joined East West University Spring 2020, Fall 2020 and Spring 2021 semesters. A webinar workshop on “Orientation Program and Faculty Development” was also arranged on 07 August 2021 for the newly appointed faculty members of the Summer 2021 semester.

The IQAC has arranged a series of workshop on “Capacity Building in OBE Teaching Methods” for the faculty members of all departments in different dates.

Publications

- Basanta Kumar Barmon** and Sanzidur Rahman, (2020). Sustaining Rice Productivity, Soil Fertility, and Income from Prawn-Rice Joint Culture in the Gher System in Bangladesh, *Asian Journal of Rural Development (AJAD)*, 17(2): 43-61.
- Farhana Afrin Tithi, **Basanta Kumar Barmon**, Sanzidur Rahman, (2020). Income Inequality, Poverty and Food Security of Plain Land Ethnic Communities of Bangladesh, *Asian Development Perspectives*, (ADP), 11(1):16-32.
- Sanzidur Rahman, **Basanta Kumar Barmon**, Asif Reza Anik (2020). Productivity Growth and Efficiency Changes in Prawn-carp-rice Farming in ‘Gher’ System in Bangladesh: A Fare-Primont Index Approach, *Aquaculture*, 522: 735107.

East West University Center for Research and Training (EWUCRT)

The primary objective of the East West University Center for Research and Training (EWUCRT) is to create knowledge through academic and applied research, and to disseminate acquired knowledge through training, seminar, and publication. The following are the updates of EWUCRT from January 2020 to March 2022:

Rising to the Occasion: EWUCRT Activities during the COVID-19 Pandemic

Despite the Covid-19 pandemic, which resulted in the close down of all educational institutions in Bangladesh that began on 17 March 2020, the activities of EWUCRT have been continuing full throttle in various capacities. These included: training workshops, seminars on research proposals, knowledge dissemination seminars, meetings, processing and publications of working papers, book of abstracts, and journals. In other words, the global pandemic had not dampened the activities of EWUCRT at all. In fact, the present situation has prompted EWUCRT to become more innovative in dispensing and expediting its activities. Consequently, EWUCRT has been fully functional and providing continuous service to the academic community of East West University.

Research Fair



Professor Dr. Kazi Shahidullah, chief guest of EWUCRT 1st Research Fair, visiting the stalls

East West University Center for Research and Training (EWUCRT) organized the 1st EWUCRT Research Fair at East West University on 05 March 2020. Participants and guests from 20 private and public organizations and educational institutions, media personnel, as well as faculty members, graduate, and undergraduate students attended the Research Fair. The objective of the Research Fair was to showcase the best practices of research and development being carried out in

Bangladeshi organizations and educational institutions, with the hope to create a bridge between academia and industry in order to foster research and innovation for the betterment of our country.

Research Proposal and Grant

East West University Center for Research and Training (EWUCRT) has invited research proposals for its 13th and 14th Internal Funding Round on 06 January 2020 and 24 January 2021 respectively. In response to 'Call for Research Proposal Round-13 and 14', EWUCRT received fourteen research proposals for funding. Among which fund has been released for five research proposals and the rest of them are in the different stages of the review process; and some are being revised by the authors.

Moreover, the fund has been released for three research proposals, which were submitted for research grants in previous years.

Publications

Publications in International Journal and Conference proceedings

Research studies supported by EWUCRT have yielded research papers and some of which have been published in international journals and conference proceeding, as below:

International Journal

A paper titled '*Draft Genome Sequences of Multidrug-Resistant Shigella Strains Isolated from Diarrheal Patients in Bangladesh*' by Dr. Suraiya Nusrin et al., Assistant Professor, Department of Genetic Engineering and Biotechnology, East West University was published in *Microbiology Resource Announcements, American Society for Microbiology*. Vol. 10 (42). For details:

Another paper titled '*Prediction of Yield, Soiling Loss, and Cleaning Cycle: A Case Study in South Asian Highly Construction-Active Urban Zone*' by Mohammad Ryyan Khan et al.,

Associate Professor, Department of Electrical and Electronic Engineering, East West University was published in 2020 47th IEEE Photovoltaic Specialists Conference (PVSC), 2020 Calgary, AB, Canada.

DOI: 10.1109/PVSC45281.2020.9300606

In addition, a paper titled '*Time Division Multiplexed Data Analysis Technique using Auto-Morphing Experimental Studies of PV Systems to Minimize Variability*' by Mohammad Ryyan Khan et al., Associate Professor, Department of

Electrical and Electronic Engineering, East West University was published in 2020 IEEE Region 10 Symposium (TENSYP), June 2020.

Moreover, Dr. Mohiuddin Kabir, Associate Professor, Department of Genetic Engineering and Biotechnology, East West University obtained two accession numbers of 'DNA sequence of L-asparaginase producing bacterial strain' from NCBI (National Center for Biotechnology Information) gene bank, USA as below:

- (1) *Pseudomonas aeruginosa* strain EWUKR1 16S ribosomal RNA gene, partial sequence GenBank: OK446669.1
- (2) *Pseudomonas aeruginosa* strain EWUKR-2 16S ribosomal RNA gene, partial sequence GenBank: OL307081.1

Conference Presentation

An article titled "*Multiple Resistance Mechanisms Conferring Reduced Susceptibility to Azithro mycin in Shigella in Bangladesh: A Whole Genome Based Comprehensive Approach*" by Dr. Suraia Nusrin, Assistant Professor, Department of Genetic Engineering and Biotechnology, East West University has been accepted for a poster presentation in Poster at ASM Microbe 2022 in Washington, DC, 9th-13th June, 2022. She received the 2022 Bill and Melinda Gates Foundation Travel Award to present the paper.

Research Publication: Working paper

The following research has been published as the Working Paper:

1. **Working Paper No. 17:** "*Justice for 1971 War Rapes: Trial and Beyond*" by Dr. Tureen Afroz, Former Professor, Department of Law, East West University.
2. **Working Paper No. 18:** "*Impact of Training Program on Awareness and Practice of Computer Ergonomics among Academic staff*" by Rubayat Kabir, Senior Lecturer and Dr. Marzia Zaman Sultana, Senior Lecturer, Department of Social Relations, East West University.
3. **Working Paper No. 19:** "*Rohingya Persecutions in Myanmar: Ethnic Cleansing or Genocide? A Theoretical and Empirical Assessment*" by Md. Pizuar Hossain, Senior Lecturer, Department of Law, East West University

Research Reports in the Press

Working Paper No. 20: "*Developing an Alumni Profile for East West University*" by Dr. A. M. Tanvir Hussain, Associate Professor, Ms. Asiya Siddica, Senior Lecturer, and Mr. Estiaque Bari, Lecturer, Department of Economics, East West University.

Working Paper No. 21: "*The Role of Institutional Pressures on the Use of Quality Assurance Practices in Enhancing the Effectiveness of Higher Education Institutions*" by Dr. Farhana Ferdousi, Associate Professor and Chairperson, Department of Business Administration, East West University.

Journals

- *East West Journal of Humanities (EWJH)*, Vol. 8, 2018 (ISSN: 2074-6628) has been published by EWUCRT
- *East West Journal of Business and Social Studies (EWJBSS)*, Vol. 8, 2019-2020 (ISSN 2074-5443) is in the process of being published. The delay is due to the COVID-19 pandemic crisis.

Abstracts of Published Papers

Vol. 14, 2019

The Abstracts of Published Papers are an annual publication of East West University Center for Research and Training (EWUCRT) with an objective to keep an official log of academic publications of the faculty members of East West University. This volume of abstracts of published papers has been published.

Vol. 15, 2020

The Centerinvited abstracts of published papers, articles, conference proceedings and chapters in edited books from the faculty members of the University for inclusion in the 15th volume of Abstract of Published Papers, 2020. Please re-write. Not clear to me- RHC

Training/Workshop

The East West University Center for Research and Training (EWUCRT) organized the following training during 2020-2021:

Training on 'Research Methodology' for Bangladesh Open University (BOU) Faculty members

The training was organized for the faculty members of Bangladesh Open University (BOU) Faculty members from 5-20 February, 2020.

Training Workshop on 'Online Platform'

East West University Center for Research and Training (EWUCRT) organized a training workshop on «online platforms» on 19 June 2020 at 3.00 pm on Google Meet App. The training covered following topics:

- Google Meet and Chrome Extensions, e.g. Meet attendance, Dual Less, Scissors, Nod, Grid views.
- Google Classroom, Jam boards, White boards and Blackboards.
- Google forms to create Tests, Quizzes and Exams.
- Academic honesty.

About 151 faculty members of East West University and adjunct faculty members from public and private universities attended the training program.

Advance Training on "Online Teaching-Learning-Assessment (TLA)"

East West University Center for Research and Training (EWUCRT) organized an Advance Training on "Online Teaching-Learning-Assessment (TLA)" on 28 and 29 June 2020 on Google Meet App in order to further strengthen the capacity of EWU teachers in using online platforms more efficiently and competently. Two hundred and five faculty members of East West University and adjunct faculty members from public and private universities attended the training sessions.

2021

Training on "Turnitin User Awareness Program"/"How to Use Your Own Turnitin Account?"

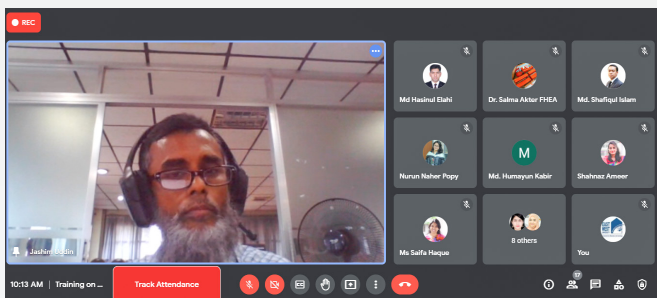
East West University Center for Research and Training (EWUCRT) organized an online training on Turnitin User Awareness Program/"How to Use Your Own Turnitin Account?" The training was held on 8 July 2021 at 7.00 pm on Zoom app, which was conducted by Ms. Purna Bose, Professional and Educational Services Lead, South Asia Turnitin. The training session covered the following topics:

- Understanding the difference between plagiarism and similarity and interpret the similarity report
- How to create classes, add students and create assignments and access the assignment inbox
- Using the online grading and eTSeRater tools.

120 faculty members of East West University attended the training sessions.

Training on "How to Apply for EWUCRT Research Funding"

Training on "Statistical Data Analysis: Foundations for Structural Equation Modeling Using SPSS & SPSS AMOS"



Dr. Jashim Uddin, Associate Professor, Department of Business Administration, EWU is conducting online training

Training on "Checking similarity index of pre-published/published research articles"

Workshop titled "Transition from Online to On-site Classes: Teaching Oral Communications Skills":

The Center organized a workshop titled 'Transition from Online to On-site Classes: Teaching Oral Communications Skills' on 31 March 2022 to promote continuous professional development among English language teachers by allowing them to reflect, share, collaborate, and respond immediately about their experiences and new skills which they acquired while teaching for the last two years using ICT.

Mr. Zohur Ahmed, Assistant Professor, Ms. Kaniz Fatema, Senior Lecturer, and Mr. Shuvo Saha, Lecturer, Department of English, East West University conducted the workshop. Faculty members from the English department of EWU participated in the workshop.

Seminars

In order to disseminate knowledge in academia, EWUCRT organized 17 virtual seminars, where participants from the USA, Germany, Australia, UK and all over Bangladesh attended; furthermore, the presenters presented from Australia and UK:

2020

- Research Seminar on "Developing an Alumni Profile for East West University"
- Knowledge Sharing Seminar on "Climate Change Migration in South Asia"
- Research Seminar on "Evaluation of Antimicrobial Activity and Phytochemical Analysis of Cyperus Plant from Mangrove Area in Bangladesh"
- Research Seminar on "Epidemiology, care provisions, and outcome evaluation of Spinal Cord Injury in Bangladesh"
- Research Seminar on "A dataset on human gut microbiome and resistor of urban and rural people in Dhaka: A comparative metagenomics approach"
- Seminar on "Sustainable Global Supply Chain Management Model Post-COVID-19"
- Seminar on "Identification and characterization of MDR, XDR and PDR bacteria from clinical samples"
- Seminar on "Mapping the Legal and Institutional Challenges for Agro-foodstuffs Geographical Indications of Bangladesh: 'Khrisapath Mango' as Case Study"
- Seminar titled "Rohingya Persecutions in Myanmar: Ethnic Cleansing or Genocide? A Theoretical and Empirical Study"
- Seminar on "Implications of Rohingya Influx in Bangladesh Assessed through the Perceptions and Attitudes of the Host Population"
- Seminar on "The Emerging Gig Economy and Its Impact on Women and Ethnic Workforces"

2021

- Research Seminar titled “*Creating a Research Culture in ELT: Bangladeshi Private University Context*”
- Research Seminar on “*Voices of the Rohingya Youth: A Correlational Study for Mapping the Nexus between Human Rights Abuses and Transitional Justice Efforts*”
- Research Seminar on “*Carbon Based Materials Derived from Metal-Organic Frameworks (MOFs) and Their Application in Electrochemical Supercapacitors*”



Seminar on “*Carbon Based Materials Derived from Metal-Organic Frameworks (MOFs) and Their Application in Electrochemical Supercapacitors*”

- Research Seminar on “*The Role of Institutional Pressures on the Use of Quality Assurance Practices in Enhancing the Effectiveness of Higher Education*”
- Research Seminar on “*Isolation and characterization of plastic waste degrading microorganism from landfill soil in Bangladesh*”
- Research Seminar on “*Understanding coping strategies among young adults during COVID 19 in Dhaka city: through a resilience and social capital lens*”

Meeting of East West University Research, Ethical Committee (EWUREC)

The center has organized 8th, 9th, 10th, 11th and 12th EWUREC meeting for the ethical clearance of the following research proposals:

- “*Rohingya Influx in Bangladesh: Perceptions and Attitudes of The Local Population*”;

- “*Evaluation of Antimicrobial Activity and Phytochemical Analysis of Cyperus Plant From Mangrove Area in Bangladesh*”;
- “*A Dataset on Human Gut Microbiome And Resistome of Urban and Rural People from Dhaka Region: a Comparative Metagenomics Approach*”;
- “*Understanding Coping Strategies of University Students in Dhaka City During COVID 19: Through a Social Capital Lens*”.
- *Isolation and Characterization of Plastic Waste Degrading Microorganisms from Landfill soil*
- *Human Rights Abuses Against The Rohingya in Myanmar: Exploring the Role of Transitional Justice*
- *Carbon Based Materials Derived from Metal-Organic Frameworks (Mofs) and Their Application in Electrochemical Supercapacitors*

Plagiarism Checking Using ‘Turnitin’ Software

During the pandemic COVID-19, EWUCRT continuing the support to the faculty members and students of EWU, for checking similarity of their research papers, articles, theses and assignments. Around 147 Faculty members have used the software since January 2020 to January 2021 for checking plagiarism of more than 1640 articles, research reports and student assignment, thesis etc.

EWUCRT Webpage

EWUCRT is working towards making its webpage more informative and user friendly. In this connection, the Center included the research publications of all faculty members of East West University from 2010-2020.

Department of Business Administration

Publications

Tanbir Ahmed Chowdhury, 2021, "Covid-19 Pandemic-Challenges for Management Education in Bangladesh", Covid-19 Pandemic-Challenges for Management Education, *Association of Management Development Institutions in South Asia (AMDISA)*.

Tanbir Ahmed Chowdhury, 2020, Cement Industries at a Flourishing Point: A Comparative Analysis Between Selected Cement Companies of Bangladesh *Indian Journal of Economics, University of Allahbad, India, Issue No.#399, Vol.C, Part IV, ISSN 0019-5170, pages 547-569.*

Tanbir Ahmed Chowdhury and Sehel Somani, 2020. "Performance Evaluation and Impact of Grameen Bank on Social Development and Women Empowerment in Bangladesh," *International Journal of Social and Administrative Sciences, Asian Economic and Social Society, vol. 5(1), pages 54-73.*

Sunzida Haque and Tanbir Ahmed Chowdhury, 2020, Impact of Covid-19 in Bangladesh Stock Market, *Asian Finance & Banking Review Vol. 4, Issue 2, pages 54-73.*

Hride, FT., Ferdousi, F and Jasimuddin, SM. (2021) Linking Perceived price-fairness, cus-tomer satisfaction, trust, and loyalty: A structural equation modelling of Facebook-based e-commerce in Bangladesh, *Global Business and Organizational Excellence, Wiley*, <https://doi.org/10.1002/joe.22146>.

Momen MA, Sultana S, Ferdousi F, Shahriar SHB (2021), Determinants of Choosing a Foreign Brand in Emerging Economy: Lessons and Implication for the Local Entrepreneurs, *VILAKSHAN - XIMB Journal of Management, Emerald*.

Ahmed, A. and Ferdousi, F. (2020), TQM Components as a Source of Competitive Advantage in a Beverage Organization: A Resource Based View, *International Journal of Business Strategy and Automation, Vol.1, Issue 2.*

Chowdhury, S.H. and Zabeen, M. (2020), "An Assessment of the Competitiveness of Bangladesh's RMG Sector Using Porter's Diamond". *Theoretical Economics Letters, 10(4), P.875-890.*

Saha, S., Huda, S.S., and Popy, N.N., 2021. Impact of COVID-19 on Supply Chain Management: A Study on Food Industry. *Int. J. of Logistics Systems and Management. Reference code: IJLSM-89604. (Publication date: 27 August 2021)*

Popy, N.N. and Bappy, T.A., 2020. Attitude toward social media reviews and restaurant visit intention: a Bangladeshi perspective. *South Asian Journal of Business Studies. (Publication date: 9 September 2020)*

Huda, S. S., Kabir, M. H., Popy, N. N., and Saha, S., 2020. Innovation in Financial Services: The Case of Bangladesh. *Copernican Journal of Finance & Accounting, 9(1), 31-56. (Publication date: 4 August 2020)*

Honour

Professor Dr. Tanbir Ahmed Chowdhury evaluated Ph. Dtheses as an external examiner:

- Professor Dr. Tanbir Ahmed Chowdhury evaluated a Ph.D Thesis entitled "Prospects of Postal Banking in India" of Mr. N. Prakash, University of Madras, India, 2020.
- Professor Dr. Tanbir Ahmed Chowdhury evaluated a Ph.D Thesis entitled "Human Resource Management Practices in Spinning Mills: A Study with Reference to Virudhunagar District " of Ms. A. Padma, The Gandhigram Rural University, India, 2020.
- Professor Dr. Tanbir Ahmed Chowdhury evaluated a Ph.D Thesis entitled "Impact of Emotional Intelligence on Job Satisfaction of Bank Employees in Theni District" of Mr.C. Prabakaran The GandhigramRural University, India, 2021.

Research Seminar

Department of Business Administration successfully arranged its first session of the Research In Focus on 18th of December 2021 to enable a research-driven ecosystem within the faculty members of the department and to foster new knowledge in the field of business. Mr. Md. Shafiqul Islam, Lecturer of the Department of Business Administration was the resource person.

The Second Session of the Research In Focus

Department of Business Administration successfully organized the second session of the Research In Focus on 10th of March, 2022. Dr. Rumana Afroze, Assistant Professor, Department of Business Administration, East West University was the speaker.

UGC Workshop



Dr. Farhana Ferdousi, the Chairperson of the Department of Business Administration participated in a two-day workshop on the "Outcome Based Education (OBE) Curriculum", held

on 3-4 November 2021. The workshop was organized by the Strategic Planning and Quality Assurance Division of the University Grants Commission of Bangladesh.

EWUCRT Training Session

Faculty members of the Department of Business Administration participated in the training session titled “Statistical Data Analysis: Foundations for Structural Equation Modelling Using SPSS & SPSS AMOS”, held on 26-27 September 2021. Dr. Jashim Uddin, Associate Professor of the Department of Business Administration conducted the training session. The training program was organized by the East West University Center for Research and Training (EWUCRT).

Webinar on Corporate Tax

The Accounting discipline of the Department of Business Administration arranged a webinar on Corporate Tax on 21 May, 2021. The keynote presenter of the webinar was Md. Akber Hossain Khan, FCA, who is the CEO of Khan Akber & Co., a professional chartered accountants firm. The webinar focused fully on the critical domains of corporate taxation

in Bangladesh with special compliance issues that would be helpful for the students.

Literary Contribution



Engr. Kamrul Hassan, a faculty member of the Department of Business Administration has published three books in the Amor Ekushey Book Fair, 2022.

Lecture Sessions with Guest Speakers

The Department of Business Administration welcomes guest speakers from various industries and professional fields to share their knowledge and experiences with our students. In these lecture sessions, student got an opportunity to learn from experts who had first-hand experiences in their fields.

Department of Economics

Journal Publications

Syed Abul Basher, Jobaida Behtarin, Salim Rashid, “Convergence across subnational regions of Bangladesh: what the night lights data say?”, *World Development Sustainability*, Volume 1, 2022.

S. Islam and I. Huq, “Economic Cost of Dengue: A Selective Case in Bangladesh”. *International Journal of Applied Economics and Finance*, (2021), 15(1): 1-10. Doi:10.3923/ijaef.2021.1.10

S. Jahan, S.A.S. Mahmud, I. Huq, M. Islam, M. Mohsin, M.S. Ahamed, A.A. Siddiquiee, Z. Sanzida, H.B. Shozib and M.M. Siddiquiee, “Formation of Rice Based Low Cost Balanced, Nutritious and Safe Diet for the Malnourished Street Children in Capital City Dhaka”. *ACTA Scientific Nutritional Health*, (2021), 5(7): 97-106.

N. Nargis, G.M. Faruque, M. Ahmed, I. Huq, R. Parvin, S.N. Wadood, AKM G. Hussain and J. Drope, “A Comprehensive Economic Assessment of the Health Effects of Tobacco Use and Implications for Tobacco Control in Bangladesh”. *Tobacco Control*, (2021), Published Online First: 21 January 2021. Doi: 10.1136/tobaccocontrol-2020-056175

Newspaper Articles

Professor Dr. Mohammed Farashuddin. (2021, August 30). ই-পেপার-৩০ আগস্ট ২০২১-পাতা ৪. The Daily Amader Shomoy. মধ্যস্বত্বভোগীদের যন্ত্রণায় স্নান সোনার বাংলার বিশাল অর্জন.

Professor Dr. Mohammed Farashuddin. (2021, August 15). ই-পেপার-১৫ আগস্ট ২০২১-পাতা ৬. The Daily Amader Shomoy. “ঘুরে দাঁড়ানো বাংলাদেশের ভবিষ্যত কথায় এখন মুখ্য.”

Professor Dr. Mohammed Farashuddin. (2021, August 15). বঙ্গবন্ধু অবাধ বাজার অর্থনীতিতে বিশ্বাসী ছিলেন না. Bonikbarta.Net.

মোহাম্মদ ফরাসউদ্দিন. (2021, August 15). মুজিব-রেণুর সাধনা. দেশ রূপান্তর.

Webinar

The Department of Economics held a public webinar on August 17, 2020. Prof. A.K. Enamul Haque and Prof. Syed Basher presented a paper titled “Public Policy Lessons from the Covid-19 Outbreak: How to Deal with it in the Post-Pandemic World”. Mr. M.A. Mannan, Hon’ble Minister of Planning attended the webinar as the Chief Guest. Professor Shamsul Alam, Member GED, Ministry of Planning attended as a Special Guest. Dr. Mohammad Mushtuq Husain, Advisor, Covid-19 pandemic control, IEDCR; Dr. A.S.M. Alamgir, Principal Scientific Officer, IEDCR, and Dr. Fahmida Khatun, Executive Director, Centre for Policy Dialogue were also present.



Conferences

A session in ABCD was allocated to the Economics Department of East West University. The session was chaired by Professor Mohammed Farashuddin and conducted by Dean Professor Enamul Haque. Assistant Professor, Nazmul Hoque presented a theoretically sound evaluation of online education during Covid-19. Senior Lecturer Abeer Khandker presented his research on present boom and possible challenge of the RMG industry.



Annual bids conference on development (abcd) and east west university

The Department of Economics of the East West University along with the University of New Mexico, University of Missouri, New Mexico State University, University of Calcutta, Kathmandu University and the Heritage Business School organized the 2021 HPRC Graduate Student Research Panel on July 25, 2021, to showcase their student research internationally. The Panel is part of the Himalayan Policy Research Conference initiative to promote cross-country research culture and to build future collaborative research and student exchanges. Two of the MSS graduates from the Department of Economics presented their research papers in the conference.

Faculty Achievements

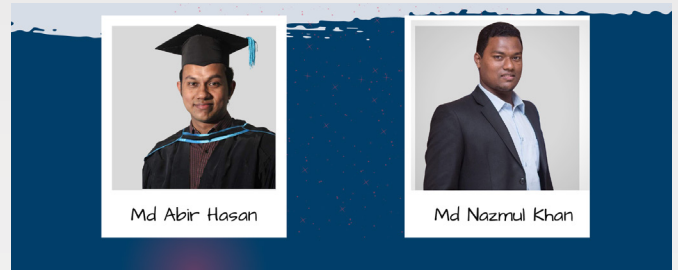
Professor Dr. Mohammed Farashuddin Appointed As A Member of Bangladesh Accreditation Council (BAC); Professor Dr. Mohammed Farashuddin, Chief Adviser and

Founder Vice Chancellor of East West University, has been appointed as a part-time member of Bangladesh Accreditation Council (BAC) by the Honorable President of the People's Republic of Bangladesh. Bangladesh Accreditation Council is an autonomous government agency responsible to accredit higher education institutes and academic programs.



Professor A.K. Enamul Haque and Professor Syed A Basher's Paper Makes Ssrn Top Ten List: Professor A.K. Enamul Haque, Dean, Faculty of Business and Economics and Professor Syed A Basher's paper on "Public policy lessons from the covid-19 outbreak: how to deal with it in the post-pandemic world?", was listed on SSRN's Top Ten download list for Environment & Human Health Journal and PublicHealthRN.

Student Achievements



Md. Abir Hasan, a former student of the Department of Economics at East West University (EWU), has been awarded as the only non-government Ph.D. applicant from Bangladesh for this fellowship. He will complete his Ph.D. at Oxford University in the UK.

Department of English

Publications

Akhter, Farzana. "Looking Backward to a Distant Land: South Asian Diaspora and Function of Nostalgia in 'Silver Pavements, Golden Roofs,' 'Mrs. Sen's' and *The Inheritance of Loss*." *South Asian Review*, Nov. 2, 2020. DOI: 10.1080/02759527.2020.1840204

Akhter, Farzana. "Negotiating the Politics of Power: Tahmima Anam's *The Good Muslim* and Women's Role in War and

Nation Building." *Bangladeshi Literature in English: A Critical Anthology* edited by Mohammad A. Quayum and Md. Mahmudul Hasan, Asiatic Society of Bangladesh, 2021, pp. 241-257.

Ahmed, Z., Sultana, S.,; Manjet, K. (2020). Inconsistencies and biases in english language testing in Bangladesh civil service preliminary examination. *Pertanika Journal of Social Sciences and Humanities*, 28(S2), 247–262.

Quadir Moriam (2021) TEACHING FACTORS THAT AFFECT STUDENTS' LEARNING MOTIVATION: BANGLADESHI EFL STUDENTS' PERCEPTIONS. *TEFLIN Journal*, 32 (2), pp. 295-315.



Quadir Moriam (2021). EFL Students' and Teachers' Perceptions of Sources of Students' Demotivation: A Comparative Study. *PASAA*, 61 (1), pp. 201-226.

Khan, R., Jahan, A., Sultana, S., Kabir, M. M. N., 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.

Jahan, A. & Govindasamy, S. (2021). Are tertiary EFL learners ready for input enhancement technique in Bangladesh? In S. Sultana, M. M. Roshid, M. Z. Haider, M. M. N. Kabir, & M. H. Khan (Eds.), *The Routledge Handbook of English Language Education in Bangladesh* (pp. 82-95). UK: Routledge.

McCulloch, S., Indrarathne, B., Jahan, A., Gnawali, L., Hussain, N. Nauman, S., Jayawardena, S., & Abeyawickrama, W. (2020). Investigating EAP provision in South Asian higher education: Current trends and future needs. UK: British Council & the University of Central Lancashire.

Islam, FS Pamela (2021), Using Cartoon: An integrative approach to teaching multiculturalism and second language, *Asian Journal of Multilingual and Multicultural Education*, vol. 1, no. 1. pp. 53-61.

Islam, FS Pamela (2020), The Use of Multimedia and its Impact on Bangladeshi EFL Learners at Tertiary Level, *International Journal of Language Education IJoLE*, vol. 4, no.1, pp. 150-157.

Sinha, T.S., & Nassaji, H. (2021). ESL learners' perception and its relationship with the efficacy of written corrective feedback. *International Journal of Applied Linguistics*. Advance online publication.

Sinha, T.S. (2021). EFL learners' perception of and attitude to corpus as a vocabulary learning tool. *The Reading Matrix*, 21(2), 106-119.

Sharif, Chowdhury O. (2021). Epiphany of Woolf: Close Reading of the Last Four Paragraphs of *A Room of One's Own*. *Cross Current Int J Peer Reviewed J Human Soc Sci*, 7(1), 41-44. Print

Jan, Mohammad Hasan (2021). Can the Ecosubaltern Teach? *Journal of Comparative Literature and Aesthetics* (Vol. 44, No. 4, Winter 2021), ISSN: 0252-8169. (Accepted and forthcoming)

Rabbi, M.T.A., & Jwa, S. (2021). Examining the current English textbook in Bangladesh: Critical scrutiny from a teacher's perspective. *Foreign Languages Education*, 28(3), 103-131.

Islam, N.N. (2020). Implementation of Postmethod Pedagogy as an Alternative to Communicative Language Teaching at the Tertiary Level Education. *Indonesian Journal of Language Teaching and Linguistics*, 5 (3), 135-154. DOI: 10.30957/ijotl-tl.v5i3.633

Kaminy, K. (January 2021). Decoding the Sundarbans: "Other" space in Amitav Ghosh's *The Hungry Tide*. *Dialogics: A Research Journal of English Studies*, 1, 137-146.

Kaminy, K. (June 2021). Translating Humayun Ahmed: Exploring the Strategies. *Exposure: The Journal of Social Sciences and Humanities*, 7(1), 68-76.

Azad, S. "Dionysian Africa as an antithesis of the Apollonian West." *Crossings: A Journal of English Studies*, Vol. 11 (September 2020), P. 24-30.

Azad, S. (2022). "Reality as Enacting Fantasy in the Wake of Personal Trauma: The Case of a Twisted Reality in Alison Bechdel's *Fun Home*." Abu Shahid Abdullah (Ed.), *Trauma, Memory, and Identity Crisis: Reimagining and Rewriting the Past in the Process of Reconciliation and Identity Formation*. (accepted). Cambridge Scholars: Cambridge, UK.

Biswas, M. (2020). Written Feedback on Midterm Scripts: Students' Expectations, Problems and Preferences. *BELTA Journal*, 4 (1), pp. 20-31

Biswas, M. (2020). Board Examinations in Bangladesh: Some Social Stereotypes and Their Negative Effects on Students. *IDEAS: A Journal of Literature Arts and Culture*, 6 (1), pp.123-138

Biswas, M. (2021), Board examinations in Bangladesh: Some Social Stereotypes and Their Negative Effects on Students. *IDEAS A Journal of Literature Arts and Culture*, 6 (1), pp 123-134.

Abir, S. U. H. K. . " 'Controlled by' and 'Controlling with' Sex: Comparing portrayal of 'Nooran' and 'Haseena Begum' - Two Female Characters of Khuswant Singh's Modern Classic *Train to Pakistan*". *International Journal of Literary Studies*. 1(1). (2021), P.70. DOI: 10.32996/ijts.2021.1.1.9

Abir, S.U.H.K. "Using Literary Texts in ELT Classrooms: The Pinnacle of Promoting Learner Autonomy?" *Research Journal of English (RJOE)*, Vol - 5(2), (2020), P. 101. Doi- : <http://doi.org/10.36993/RJOE.2020>

Biswas, A., & Kabir, T. S. (2020). Assessing the Mentoring Service in Department of English: A Case from Bangladeshi

Public University. BELTA Journal, 4(1), 32- 43. doi: 10.36832/beltaj.2020.0401.03

Kabir, T.S. (2020) "Teachers' and Students' Perception of Using Translation (L1) for Developing Reading Skill." Shanlax International Journal of English, 8(4), 1-11.

Rahaman, A., & Saha, S. (2020). Negative emotions in fieldwork: A narrative inquiry of three EFL researchers' lived experiences. The Qualitative Report, 25(12), 4128-4208.

Conferences

Akhter, Farzana. "Bangladeshi War Movies and the Reclamation of Female Agency in *Hangor Nodi Grenade* and *Guerrilla*," January 7. 137th MLA Annual Convention (Modern Language Association of America). Washington January 6-9, 2022. Virtual presentation.

Akhter, Farzana. "Panacea for Nostalgia: The Paradox of Returning Home in *Dreaming in Cuban* and *An American Brat*," January 9. 137th MLA Annual Convention (Modern Language Association of America). Washington January 6-9, 2022. Virtual presentation.

Akhter, Farzana. "Representation of *Birangonas* in Bangladeshi Movies," January 14. Association of Teachers of Literatures in English, Bangladesh (ATLEB), *In Retrospect: 50 Years of Bangladesh in Literature and Culture, First International Conference*, January 14-15, 2022. Virtual presentation.

Ahmed, Z. 'How EFL Undergraduate Learners Prepare for Oral Presentations: Voices from Bangladesh' at the ELT SUMMIT 2020 organized by International Society for Educational Leadership (ISEL) held online on June 27-28, 2020.

Jahan, A. 'Can Implicit Focus on Form Develop Bangladeshi Tertiary Learners' Grammatical Knowledge about Articles?', Regional IML Two-day Conference 2020, Institute of Modern Language, University of Dhaka, February 28 to 29, 2020.

Momen, M. A., Jahan, A., & Shahriar, K. (19 June, 2021). Service Quality Dimensions and Student Satisfaction at Higher Education (HE) in Bangladesh, *International Symposium on Student Satisfaction and Quality of Higher Education at Institutional Quality Assurance Cell (IQAC)*, East West University, Bangladesh.

Haider, M. Z., Kabir, M. M. N., Sultana, S., Roshid, M. M., Jahan, A., & Khan, R. (March 6, 2021). *Quality of English language education through emergency remote teaching in Bangladeshi Private Universities: An explorative study at 9th BELTA International (Virtual) Conference.*

Israt, J. (2022). "Alternative Archive to Teach History and Trauma through Literature", paper presented at the International Conference on Sustainable Development: Opportunities and Challenges organized by Faculty of Arts and Social Sciences, American International University, Bangladesh, held on 12-13 January 2022.

Sinha, T.S. (2021). EFL learners' perception of and attitude to corpus-based vocabulary teaching. Paper presented at the

HKCPD Hub Virtual International Conference 2021, Hong Kong, January 8-10.

Jan, M. H. "Hearing the Ecosubaltern Voices from Bangladesh: An Ecocritical Reading of Garo and Chakma Poetry" Emergence/Y. Association for the Study of Literature and the Environment (ASLE) 2021 Virtual Conference. 26 July, 2021 to 06 August 2021.

Rabbi, M.T.A. (2021, March 24-27). Teachers' perceptions to the higher secondary English textbook in Bangladesh. Paper presented at the TESOL International Convention & English Language Expo, Virtual.

Azad, Shibly. (2020) "Khasru Chodhury and his Metanarratives of the Sundarbans: Deep Ecology, Ethnicity, and the Question of National Identity" Paper presented at the ICSL at East West University, held on 27 - 29 February, 2020.

Biswas, M. (2021). 'English as a Status Marker on Facebook: The Case of Bangladeshi University students', paper presented at the conference titled 'Entangled Englishes in Translocal Spaces' by University of Liberal Arts (ULAB), held online on September 2 to 4, 2021.

Abir, S.U. H.K. " 'Controlled by' and 'Controlling with' Sex: Comparing the Portrayals of Nooran and Haseena Begum, Two Female Characters of Khushwant Sing's Modern Classic: *Train to Pakistan*" Paper presented at the multidisciplinary international conference on gender, health, information, and environment – ICSL, organized by East West University, 2020.

Abir, S.U.H.K. " 'Integrative' or 'Instrumental'?: Motivation that works closely during the adolescence days of Female English Language Learners of Different Universities of Bangladesh", Paper presented at IML Regional Conference on foreign language education for sustainable development, organized by IML, Dhaka University, 2020.

Abir, S.U.H.K. "Does Diaspora have a Gender? Revisiting the Dispersions of the Protagonists of Khaled Hosseini's Novels- *The Kite Runner* and *A Thousand Splendid Suns*". Paper presented at the two-day International Conference on Borders, Diasporas, and Multilingualism in English Studies organized by the Department of English, Shahjalal University of Science and Technology: 7 and 8 January, 2022.

Afreen, S. (2021). "The Complexities of Transnational Identity and Nazneen's Concept of Agency in Monica Ali's *Brick Lane*." Paper presented at the Salerno Conference on Bangladeshi English Novels: From Emergence to Efflorescence: 24 and 25 of June, 2021.

Afreen, S. (2022). "The Complexities of Diasporic Existence – Redefining Identities and Questioning the stability of Relationships in Jhumpa Lahiri's *Interpreter of Maladies* and *Unaccustomed Earth*." Paper presented at the two-day International Conference on *Borders, Diasporas, and Multilingualism in English Studies* organized by the Department of English, Shahjalal University of Science and Technology: 7 and 8 January, 2022

Afreen, S. (2022). "Redefining Women's Identity and the Representation of the New Age Women in Nasiruddin Yousuff's *Guerrilla*." Paper presented at the two-day

International Conference on *In Retrospect: 50 Years of Bangladesh in Literature and Culture* organized by ATLEB's (Association of Teachers of Literatures in English, Bangladesh): 14-15 January, 2022.

Ameer, S. (2021) "Triple Marginalization of Afghan Women in Khaled Hosseini's *A Thousand Splendid Suns*". Paper presented at *ULAB Afghan Colloquium 2021* organized by ULAB: 31 October 2021.

Other Publications

Kaminy, K. (November 2021) "গন্তব্য (The Destination)." In *My City My Home*. Sampad South Asian Arts and Heritage, Birmingham, UK.

Azad, S. (February 2022) *Baily Road: Novel*, published by Abasar Publications, at Amar Ekushe Book Fair 2022

Abir, S.H.U.K. (February 2022) *Shaharnamah: Novel*, published by Mowla Brothers, at Amar Ekushe Book Fair 2022.

Seminar Series

Dr. Jahurul Islam gave a seminar series lecture on "Velopharyngeal Opening in Nasal Sounds: An analysis of French speech using X-ray films" on 10 July, 2021.

Dr. Sanghamitra Dalal gave a seminar series lecture on *Homing in Departures: Histories and Stories in Preeta Samarasan's Evening is the Whole Day*. on 15 December, 2021.

Dr. Nazia Manzoor gave a seminar series lecture on "Between Death and Being Human" on 22nd March, 2022.

TA Workshops Organized by the Writing Center

The Writing Center organized a series of workshops conducted by the course coordinators of different service

courses for the Teaching Assistants (hereafter, TAs) of the Department of English.



Department of English Welcomes its Students in the Campus after Corona Lockdown

When the university returned to in-person classes on 27th March after being closed for two years due to the pandemic, the department warmly welcomed the students back to campus with candies.

Department of English Wins Popular Choice Award

Eleven students of the Department of English, East West University participated in the 6th DEH Inter- University Student Conference and Cultural Competition on September 3-4, 2020 arranged by Department of English and Humanities of University of Liberal Arts Bangladesh. The cultural team of East West University won the Popular Choice Award. The theme of this year's conference was "Of Nations and Narrations", and the conference and cultural competition were dedicated to Bangabandhu Sheikh Mujibur Rahman.

Department of Genetic Engineering and Biotechnology

Publications

Roy Rillera Marzo, Zaliha Ismail, Mila Nu Nu Htay, Rafidah Bahari, Roshidi Ismail, Emilio Quilatan Villanueva, Akansha Singh, Masoud Lotfizadeh, Titik Respati, Siska Nia Irasanti, Dewi Sartika, Pham Mong, Sarath Lekamwasam, Bikash Bikram Thapa, Burcu Kucuk Bicer, Soe Soe Aye, Karnjana Songwathana, Radwa Abdullah El-Abasiri, Amaluddin Ahmad, Azlina Wati Nikmat, Seyedeh Zeinab Taheri Mirani, **Roushney Fatima Mukti**, Saira Mehnaz, Tin Tin Su. Psychological distress during pandemic Covid-19 among adult general population: Result across 13 countries. *Clinical Epidemiology and Global Health* (2021), Vol 10, 100708, 2021, DOI: 10.1016/j.cegh.2021.100708.

Roy Rillera Marzo, Akansha Singh, **Roushney Fatima Mukti**. (2021) A survey of psychological distress among Bangladeshi people during the COVID-19 pandemic. *Clinical Epidemiology and Global Health*, Vol 10, 100693, 2021, DOI: 10.1016/j.cegh.2020.100693.

Mohiuddin Kabir (2021) Determining the impact of genetic engineering on replacing petroleum based non-biodegradable plastic. *Innovations in Microbiology and Biotechnology*, 1:121-127.

Asaduzzaman Asad, Shoma Hayat, Fahmida Habib Nabila, Ruma Begum, **Suraia Nusrin**, Zhahirul Islam. Draft Genome Sequences of Multidrug-Resistant Shigella Strains Isolated from Diarrheal Patients in Bangladesh. 2021(October).

Microbiology Resource Announcements, American Society for Microbiology. Vol. 10 (42).

Ayan Saha, Mohammed Moinul Ahsan, Tarek-Ul Quader, Mohammad Umer Sharif Shohan, Sabekun Naher, Preya Dutta, Al-Shahriar Akash, H. M. Hamidullah Mehedi, ASM Arman Ullah Chowdhury, Hasanul Karim, Tazrina Rahman, Ayesha Parvin. Characteristics, management and outcomes of critically ill COVID-19 patients admitted to ICU in hospitals in Bangladesh: a retrospective study. 2021 (April). Journal of Preventive Medicine and Hygiene. Vol. 62(1), E33–E45.

Moumita Das, Shuva Das, AFM T. Bhuiyan, Sudipta Deb Nath, Rajdeep Biswas, Jitu D. Gupta, Anjan Ball, Mohammad J. Alam, Md. H. Karim, Ranjan K. Nath, **Ayan Saha**. Factors affecting the outcome of the usage of high-flow nasal cannula on severe or critically ill COVID-19 patients: a multicentric study from a developing nation. 2021 (October). Asian Journal of Medical and Biological Research. Vol. 7 (3), p. 260–272.

Tousif Bin Mahmood, **Ayan Saha**, Mohammad Imran Hossan, Shagufta Mizan, S M Abu Sufian Arman, Afrin Sultana Chowdhury. A next generation sequencing (NGS) analysis to reveal genomic and proteomic mutation landscapes of SARS-CoV-2 in South Asia. 2021 (December). Current Research in Microbial Sciences. Vol. 2, 100065.

Saad Al Zamane, Fahim Alam Nobel, Ruksana Akter Jebin, Mohammed Badrul Amin, Pratul Dipta Somadder, **Nusrat Jahan Antora**, Md Imam Hossain, Mohammad Jahirul Islam, Kawsar Ahmed, Mohammad Ali Mon. Development of an in silico multi-epitope vaccine against SARS-COV-2 by précised immune-informatics approaches. Informatics in medicine unlocked, 27 (2021) 100781.

Conference/Seminar presentations

Shuborno Islam, **Mohiuddin Kabir**, Md. Hasanuzzaman, Md. Saiful Islam Sajib, Samir K. Saha. Identification and differentiation of *Acinetobacter calcoaceticus* – *Acinetobacter baumannii* complex: Common nosocomial infections among children. Poster presentation at the 1st Multidisciplinary International Conference on the Social and Life Sciences, ICSL 2020 on Gender, Health, Information, and the Environment, 27th-29th February, 2020, East West University, Dhaka, Bangladesh.

Md. Raihanul Kabir, Muzahudul Islam and **Md. Mohiuddin Kabir**. Future Perspective of Biodegradable Plastics. Poster presented at the 1st Multidisciplinary International Conference on the Social and Life Sciences, ICSL 2020 on Gender, Health, Information, and the Environment, 27th-29th February, 2020, East West University, Dhaka, Bangladesh.

Md. Shohanur Rahman, Arzina Hossain, Roksana Haque, **Suraia Nusrin**, Md. Shakhawat Hussain. Disinfection of *Bacillus Cereus* in Different Food Matrix Using Gamma Irradiation. Poster presentation at the 1st Multidisciplinary International

Conference on the Social and Life Sciences, ICSL 2020 on Gender, Health, Information, and the Environment, 27th-29th February, 2020, East West University, Dhaka, Bangladesh.

Shabnoor Binte Dayem and **M. Murshida Mahbub**. Isolation of L-amino Acid Oxidase Producing Bacteria from Soil. Poster presentation at the 1st Multidisciplinary International Conference on the Social and Life Sciences, ICSL 2020 on Gender, Health, Information, and the Environment, 27th-29th February, 2020, East West University, Dhaka, Bangladesh.

M. Murshida Mahbub. “Isolation of PET (Polyethylene terephthalate)-Degrading Microorganisms from landfill soil”. Abstract accepted on 28th November, 2021 for poster presentation in the 35th BSM (Bangladesh Society of Microbiologists) Annual Conference to be held on 11th December, 2021.

Suraia Nusrin. “Multiple Resistance Mechanisms Conferring Reduced Susceptibility to Azithromycin in Shigella in Bangladesh: A Whole Genome Based Comprehensive Approach” has been accepted for a poster presentation in Poster at ASM Microbe 2022 in Washington, DC, 9th-13th June, 2022. **Dr. Suraia Nusrin** received the 2022 Bill and Melinda Gates Foundation Travel Award as the Global Outreach Member of American Society for Microbiology to attend the conference.

Faculty Activities and Achievements

Dr. Mohiuddin Kabir, Associate Professor, Department of Genetic Engineering and Biotechnology (GEB), East West University (EWU) is serving as an Organizing Committee Member of GSEBB2022. He is also serving as a Deputy Editor-in-Chief in the “American Journal of Pure and Applied Biosciences”, as an Associate Editor in the “Journal of Applied Biotechnology and Bioengineering” and as an Editor in the “International Journal of Genetic Engineering and Recombination”.

Dr. Suraia Nusrin has been selected to be a mentor in the ASM Future Leaders Mentoring Fellowship (FLMF) by American Society for Microbiology (ASM) and the Subcommittee on Minority Education.

Students Activities and Achievements

Jannatul Ferdous Nipa, a student of the Department of GEB, EWU won the championship of “6th National English Carnival 2020” arranged by Notre Dame English Club, one of the biggest Language Carnivals in Bangladesh.

Workshops and Seminars

The Department of GEB, EWU organized a research webinar on Monday, 30th November, 2020 The speech on “Detection and molecular characterization of carbapenem resistant non-fermentative Gram-negative bacteria from clinical isolates” was given by Dr. Nazrul Islam, Senior Scientific Officer, Clinical Microbiology and Immunology Laboratory, LSSD, ICDDR'B.



Jannatul Ferdous Nipa receiving Champion award of 6th National English Carnival

The Department of GEB, EWU successfully organized an interactive webinar titled “Exploring the epidemiological, clinical, and genomic features of SARS-CoV-2 infected patients of Bangladesh: multi-centre cross sectional observations” on

6th July, 2021. The keynote speaker of the research webinar was Dr. Adnan Mannan, Associate Professor, Department of Genetic Engineering and Biotechnology, University of Chittagong.



One of the keynote speakers in the seminar on Bioinformatics

Department of Pharmacy

Publications

Afrin, M.R., Arumugam, S., Pitchaimani, V., Karuppagounder, V., Thandavarayan, R.A., Harima, M., **Hossain, C.F.**, Suzuki, K., Sone, H., Matsubayashi, Y., Watanabe, K. (2021). Le Carbone prevents liver damage in non-alcoholic steatohepatitis-hepatocellular carcinoma mouse model via AMPK α -SIRT1 signaling pathway activation. *Heliyon*, 7: e05888.

Afrin, M.R., Arumugam, S., Sreedhar R., Karuppagounder, V., Harima, M., **Hossain C.F.**, Watanabe, K. (2020). Hepatoprotective effect of Basidiomycetes-X against non-alcoholic steatohepatitis in experimental NASH-HCC mice model. *Book of Abstracts of PSE-NPS 2020 SUMMIT on Natural Products for Healthy Living*, OP(A129), (pp71-72). Khulna, Bangladesh.

Afrin, M.R., Arumugam, S., Suzuki, H., Watanabe, K. (2020). Curcumin attenuates hepatic and renal damage against non-alcoholic steatohepatitis in NASH-HCC mice model. *Proceedings of 1st Multidisciplinary International Conference on the Social and Life Sciences*, (pp99), Dhaka, Bangladesh,

Afrin, M.R., Arya, A., Aamir, K., Khan, H.U., Shaik, I., Salleh, N., Giribabu, N., Sristy F.K., **Hossain, C.F.**, Isolation and purification of arjunolic acid from *Terminalia arjuna* and evaluation of its toxicological effects in Sprague Dawley rats. *Book of Abstracts of PSE-NPS 2020 SUMMIT on Natural Products for Healthy Living*, OP(A128), 71. Khulna, Bangladesh.

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Wang, F., **Islam, S.**, & Backler, F. (2020). Probing Intramolecular Interaction of Stereoisomers Using Computational Spectroscopy. *Australian Journal of Chemistry*, 73(8), 813–821.

Wang, F., **Islam, S.**, Chantler, C.T. (2021). Solvent contribution to ferrocene conformation: Theory and experiment. *Radiation Physics and Chemistry*, 189, 109697.

Watanabe, K., **Afrin, R.**, Sreedhar, R., Karuppagounder, V., Harima, M., Alexander, X., Velayutham, R., & Arumugam, S. (2020). Pharmacological investigation of *ceraceomyces tessulatus* (*Agaricomycetes*) in mice with nonalcoholic steatohepatitis. *International Journal of Medicinal Mushrooms*, 22(7), 683–692.

Yeasmin, T., Islam, M.A., Asaduzzaman, M., **Nasrin, N** and Ahmed, M. (2020). Emergence of multi-drug resistant, extensively drug resistant and pan-drug resistant clinical isolates of *Acinetobacter* sp. in Bangladesh. *Proceedings of 1st Multidisciplinary International Conference on Social and Life Sciences*. Dhaka, Bangladesh.

Yunus, M. S., **Khalil, M.**, Madhuri, D. A., Mahmud, M. T., & **Islam, S.**, (2020), Emergency Contraceptive: Users and Attitude Study in Selected Regions of Bangladesh. *Proceedings of 1st Multidisciplinary International Conference on Social and Life Sciences*. Dhaka, Bangladesh.

Zinnia, M.A., Maria. L.A., Sharna, M.T., Haque, M., & **Hoque, N.** (2020). A comparative study on antioxidant and antimicrobial activities of different solvent extract of *Aglaonema hookerianum* Schott. *Proceedings of 1st Multidisciplinary International Conference on Social and Life Sciences*. (pp 102). Dhaka, Bangladesh.

Webinar Series

To celebrate the centennial birth anniversary of the Father of the Nation, Bangabandhu Sheikh Mujibur Rahman, Department of Pharmacy, Organized a two year-long (Spring 2020- Fall 2021) webinar series entitled 'Mujib Borsho

Distinguished Speaker Seminars'. The speakers of the webinar series included the Nobel Peace Prize 2020 nominee Dr. Ruhul Abid from Brown University of USA, Professor Christian Lehmann from Dalhousie University of Canada, Professor Daniel D. Reidpath from icddr,b, and Mr. Murad Husain, Senior Vice President and Head of Global Regulatory Affairs of PTC Therapeutics USA.



Nobel Peace Prize Nominee Dr. Ruhul Abid, Associate Professor of Brown University USA enlightened the audience with his speech on the World Pharmacists Day 2020

OBE Curriculum Training Session

The Institutional Quality Assurance Cell (IQAC) of East West University (EWU) organized a workshop on "OBE Curriculum Development" on Thursday, 31 March 2022. A total of twenty-one faculty members of the Department of Pharmacy participated in the workshop. Professor Dr. Sufia Islam, Chairperson, Department of Pharmacy, conducted the session. Professor Dr. Chowdhury Faiz Hossain, Department of Pharmacy, and Professor Dr. Anisul Haque, Department of Electrical and Electronic Engineering were present as resource persons at the workshop.



Faculty members of Pharmacy department with respected resource personnel of OBE training session

Seminars

Department of Pharmacy arranged a seminar on 31 March 2022 to bridge the corporate sector with the recent graduates and current students. Mr. Md. Zakir Khan, senior manager from Human Resources Department of Incepta Pharmaceuticals Ltd. was the key speaker of the seminar.



Graduates and Students attending seminar organized by Department of Pharmacy

Department of Social Relations

Journal Publications

Khan, M.M.H. (2022). Covid-19: Epidemiology, Challenges and Strategies in Context of Bangladesh. *Journal of Statistical Studies* (Accepted).

Wahab, F., Nasim, R., Sultana, M.Z., Momin, L. (2022). Maskne: A potential entity during the COVID - 19 pandemic. *Journal of Bangladesh Academy of Dermatology*. 2 (1), 17-21.

Banu, B., Yasmin, F., Khan, M.M.H., Ali, L., Sauerborn, R., & Soares, A. (2021). A systematic Review on Knowledge-Attitude-Practice on diabetes: Assessment process and outcome levels. *Research Journal of Pharmacy and Technology*. 14(11): 6127-6140.

Chowdhury, M. R. K., Khan, M. M. H., Khan, H. T., Rahman, M. S., Islam, M. R., Islam, M. M., & Billah, B. (2020). Prevalence and risk factors of childhood anemia in Nepal: A multilevel analysis. *Plos one*, 15(10), e0239409.

Khan, M.M.H. (2021). Mental health well-being of the migrants living in urban slums and marginal settlements in Dhaka and its association with perceived migration benefits. In: *Geographies of Health, Health Care and Wellbeing*. Springer Nature Singapore Pte Ltd. (Revised version submitted).

Matlin, S. A., Karadag, O., Brando, C. R., Góis, P., Karabey, S., Khan, M.M.H., ... & Saso, L. (2021). COVID-19: Marking the Gaps in Migrant and Refugee Health in Some Massive Migration Areas. *International Journal of Environmental Research and Public Health*, 18(23): 10.3390/ijerph182312639.

Mondal, M.S.H. (2021). Factors of influence on evacuation behavior: Survey results from the riverine floodplain communities in Bangladesh, *Quaestiones Geographicae*, Vol. 40, No. 3, pp. 85-93.

Mondal, M.S.H., Murayama, T. & Nishikizawa, S. (2021). Determinants of household-level coping strategies and recoveries from riverine flood disasters: Empirical evidence

from the right bank of Teesta River, Bangladesh, *Climate*, Vol. 9, No. 1.

Mondal, M.S.H., Murayama, T. & Nishikizawa, S. (2021). Examining the determinants of flood risk mitigation measures at the household level in Bangladesh, *International Journal of Disaster Risk Reduction*, Vol. 64, pp. 102492.

Saha, S. R., & Khan, M. M. H. (2021). Prevalence and determinants of mental distress during COVID-19 outbreak in Bangladesh: evidence from an online survey. *Journal of Applied Science, Engineering, Technology, and Education*, 3(1), 90-103.

Saha, S. R., & Khan, M. M. H. (2021). Risk factors for early childhood disability in Bangladesh: Evidence from Multiple Indicator Cluster Survey 2019. *PLoS one*, 16(11), e0259532. <https://doi.org/10.1371/journal.pone.0259532>.

Wahab, F., Khondker, L., Sultana, M. Z., & Afrooz, F. (2021). Comparative Profile between Cutaneous and Systemic Vasculitis. *Asian Journal of Research in Medicine and Medical Science*, 48-54.

Book Chapter

Mondal, M.S.H. (2022). Traditional Knowledge to Read Hydro-Meteorological Hazards in Teesta Floodplain, Bangladesh. *Lecture Notes in Civil Engineering*, Vol. 178, Sreevalsa Kolathayar et al. (Eds): Climate Change and Water Security. Springer, Singapore.

Conferences

M. M. H., Khan. (December 2020). Rohingya Refugees in Bangladesh: Challenges and Strategies. Paper presented at 5th International Conference on Refugee Health (virtual), organized by Bielefeld University, Germany. (https://youtube.com/playlist?list=PLO8jG2hfQd31Jy8_pEhsSON8JGOURtqdK)

Haque, E. (2020 August 29-30). *Bangladesh-India Relations: Current Trends, Challenges and Future Trajectories*. Paper presented at an Online International Seminar on 'Neighborhood Policy of India: Contemporary Diplomatic Discourse' organized by Maharana Pratap P.G. College, Gorakhpur, Uttar Pradesh, India.

Mondal, M.S.H. (March 2021). *Traditional knowledge to read hydro-meteorological hazards in Teesta floodplain, Bangladesh*. Virtual Conference on Disaster Risk Reduction (VCDRR 2021) in India.

Mondal, M.S.H. (November 2021). *Upstream human interventions and climate change impacts: A case of local level adaptation challenges for Transboundary River in Bangladesh*. The 2nd International Conference of Young Scientists on Climate Change and Environment in Central and Northeast Asia.

Kabir, R. (December 2021). *The Online Learning Experience: Perception of Bangladeshi Undergraduate Students*. Singapore Conference on Applied Psychology (Scap 2021).

Research Report

Kabir, R., Sultana, M. Z., & Nahar, L. 2020. Impact of Training Program on Awareness and Practice of Computer Ergonomics among Academic Staff. EWUCRT Working Paper No 18. Dhaka: East West University Center for Research and Training. <https://www.ewubd.edu/storage/app/uploads/public/60f/fc4/404/60ffc44046bc2706465083.pdf>

Invited talks/lectures

Rubayat Kabir was invited as a guest speaker for a webinar entitled 'Mental Health: Traditional Beliefs & Misconceptions' on 6th March 2021, organized by MindShaper, Bangladesh.

Professor Md. Mobarak Hossain Khan was invited to provide a lecture at 13th online international summer school on "Epidemiological Challenges in Conducting Urban Health Research focusing on LDRs". at Zürich University, Switzerland, on August 13-17, 2021.

Dr. Marzia Zaman Sultana was invited to talk about 'Pregnancy and Mental Health of the Mothers', on 16th October 2021, organized by MindShaper, Bangladesh.

Training and Workshop

Dr. Mobarak Hossain Khan, Dr. Marzia Zaman Sultana, Rubayat Kabir, Md. Rezwan Siddiqui and Shahriar Khandaker attended as participants in a training program on 'Advanced training on online teaching learning assessment' held on 28-29 June 2020, It was organized by East West University Center for Research and Training (EWUCRT).

Rubayat Kabir was invited as a training facilitator for a workshop on 'Understanding emotions' organized by Green Planet Club, Independent University Bangladesh on 3rd July 2020.

Rubayat Kabir facilitated a workshop on 'Participatory Learning' on 4th March 2020, organized by the Department of Social Relations, East West University.

Webinars

Current Covid-19 Situation and Our Future

A webinar on "COVID-19 in Bangladesh: Current Status, People's Perception and Our Future" was organized on 28 December 2021. The founder member of the Board of Trustees Dr. Rafiqul Huda Chaudhury, Honorary Professor and Advisor of the Department of Social Relations (DSR) as well as the Chairperson of East West University Center for Research and Training (EWUCRT), was the Chief Guest of the webinar. Professor Dr. Md. Mobarak Hossain Khan chaired the program.

Bangabandhu: Visionary and Charismatic Leader

The Department of Social Relations (DSR), East West University (EWU) organized a webinar on "Bangabandhu: Visionary and

Charismatic Leader” on 10th of February 2021 to celebrate the birth centenary of Father of the Nation Bangabandhu Sheikh Mujibur Rahman. The webinar was chaired by Professor Dr. Md. Mobarak Hossain Khan, Chairperson of DSR. Dr. Rafiqul Huda Chaudhury, Honorary Professor & Advisor, DSR, Chairperson, EWUCRT, and Member Board of Trustees, EWU graced the occasion as the Chief Guest.

Mental Health Day 2020

On 10th October 2020, The Department of Social Relations hosted a webinar on the theme ‘Mental Health for All – Greater Investment – Greater Access’ to mark the celebration of World Mental Health Day 2020. The program also cherished the centennial birth anniversary of the Father of the Nation, Bangabandhu Sheikh Mujibur Rahman. The guest speaker of the webinar Dr. Chathurika Kannangara, Assistant Teaching Professor, School of Education and Psychology, University of Bolton, UK, in her interactive webinar session shared her views on the role of ‘Positive Psychology’ in mental health counseling. The in-house speaker Rubayat Kabir, Senior Lecturer, DSR, EWU, discussed specifically on the significance of increasing investment in mental health for Bangladesh.

The webinar was chaired by Dr. Md. Mobarak Hossain Khan, Professor and Chairperson, DSR, EWU. In his talk he explored the significance of the background on this year’s theme. Dr. Rafiqul Huda Chaudhury, Chairperson, EWUCRT; Advisor & Honorary Professor, Master of Population, Reproductive Health, Gender and Development (MPRHGD), DSR, EWU, presided over the webinar and made the concluding remarks.



World Mental Health Day 2020 Webinar

Department of Civil Engineering

Study Tour

On 22nd of February, 2020, the Civil Engineering Department of East West University organized a field trip to the cement production factory of Metrocem Cement Limited situated at West Muktarpur in Munshigonj. The trip provided opportunity to the students of the subject ‘CE201 Engineering Materials’ to obtain practical experience in cement production, storage and distribution system in the factory.



Study tour at Metrocem Cement Limited, Muktarpur, Munshigonj.

Seminars

The Department of Civil Engineering at East West University in association with JAG Field Co. Ltd. and Venturas Ltd. organized an online seminar on work opportunities in Japan

for the civil engineering students of EWU on 11 September, 2020. Mrs. Yoriko Ueda, Founder and CEO of Venturas Ltd, and Dr. Mohammad Akhtaruzzaman, Manager, JAG Field Co. Ltd, were the distinguished speaker of the seminar.



Online seminar on “Work and Settlement in Japan”

Webinars

Department of Civil Engineering organized a webinar on “Timber as a Structural Material” on 19th August, 2021 The keynote speech was delivered by Engr. Mr. Hafizul Alim (P.E. and M.ASCE), owner and lead engineer, Alim Engineers, USA. The Chairperson and Associate Professor of the Department, Dr. Md. Naimul Haque was the session chair.

On December 19, 2021, Department of Civil Engineering organized a webinar on “Traffic Congestion: Sustainable Solution through Transport Modelling”. The speaker was Mr. Niloy Saha, PhD, Transportation Design Engineer, Bolton & Menk Inc., USA. The session was conducted by Senior Lecturer Fuad Yasin Huda, MCIHT.

Department of Civil Engineering organized a webinar on 20 March 2022 on “Seismic Hazards - State of Practice”. The speaker was Dr. Arif Bhuiyan, PE, M ASCE, Schnabel Engineering, VA, USA. The session was conducted by Dr. Md. Tawfiq Sarwar, Assistant Professor, Department of Civil Engineering, EWU.

List of Publications

- G.M.S. Islam, **M.N. Haque**, M.R. Alam, S.H. Niloy and M.M. Islam (2020) U-shaped Ferroccmnt wrapping with inter-surface locking for flexural strengthening of RC beam. *Australian Journal of Structural Engineering* (Taylor and Francis), Vol. 21, P.143-153.
- Androutselis, T., **Sarwar, M. T.**, Eker, U., Anastasopoulos, P. Ch., Sakellariadis, L., Agalianos, A., Anastasopoulos, I., 2020. Real-time Seismic Damage Assessment of Various Bridge Types Using a Non-Linear Three-Stage Least Squares Approach. *ASCE's Journal of Infrastructure Systems*, Vol. 26, Issue. 3, September 2020, DOI: 10.1061/(ASCE)IS.1943-555X.0000551. [Link to Journal] [PDF file]
- **Talukder, M. K.**, Rosset, P., and Chouinard, L. (2021). Reduction of Bias and Uncertainty in Regional Seismic Site Amplification Factors for Seismic Hazard and Risk Analysis, *GeoHazards, MDPI, 2(3)*, pp. 277-301.
- **Huda, F.Y.**, and Wadud, Z. How does the travellers' from Bangladesh spend their journey time in their current mode of transport? *Proceedings of The 25th International Conference of Hong Kong Society for Transportation Studies*, 9-10 December 2021, Hong Kong.
- Sarvani, S., Fountas, G., **Sarwar, M. T.**, Bhargava, A., Mohan, S., Savolainen, P., Anastasopoulos, P. Ch., The impact of public-private partnerships for roadway projects on traffic safety: An exploratory empirical analysis of crash frequencies. **Accepted** (in press)

in *Analytic Methods in Accident Research*, Publisher: Elsevier. [Impact factor: 11.806]

- Ahmed, S., Abdul-Aziz, O.I. (2022) “Metabolic scaling of stream dissolved oxygen across the U.S. Atlantic Coast”, *Science of the Total Environment*, 821, 153292 (Impact Factor 7.963).
- **M.N. Haque M.N** (2022) Flow Field Analysis Around Square Cylinder With Vertical Plates. *In proceedings of 6th International Conference on Civil Engineering for Sustainable Development (ICCESD 2022)*, February 10-12, 2022, KUET, Khulna, Bangladesh.
- Sarvani, S., Fountas, G., **Sarwar, M. T.**, Bhargava, A., Mohan, S., Savolainen, P., Anastasopoulos, P. Ch., The impact of public-private partnerships for roadway projects on traffic safety: An exploratory empirical analysis of crash frequencies. *Analytic Methods in Accident Research*, 33, March 2022, 100192, Publisher: Elsevier. [Impact factor: 11.806]

List of Presentations

- M.M. Rahman and **M.N. Haque** (2020) Influence of Span Ratio on Seismic Response of Steel I-Girder Curved Bridge Deck. In proceedings of IABSE-JSCE Conference on Advances in Bridge Engineering-IV, 26-27 August 2020, Dhaka, Bangladesh.
- **M.N. Haque** (2020) Effectiveness of corner modification to optimize aerodynamic responses of square cylinder. *Journal of Physics: Conference Series*, Volume 1519, *The 4th International Conference on Mechanical, Aeronautical and Automotive Engineering (ICMAA 2020)*, 26-29 February 2020, Bangkok, Thailand.
- **M.N. Haque** (2020) Influence of vertical plates on force coefficients of square plates. *In proceedings of 5th International Conference on Civil Engineering for Sustainable Development (ICCESD 2020)*, February 7-9, 2020, KUET, Khulna, Bangladesh.
- Chouinard, L., Rosset, P., and **Talukder, M. K.** (2021). Bayesian Updating of Seismic Microzonation for the Greater Montreal, Conference: GAC®-MAC 2021: London, Canada Joint Annual Meeting, London, Ontario, Canada

Department of Information Studies and Library Management

Publications

Begum, D. & Elahi, M. H. (2022). Digital library services to support online learning amid COVID-19: A study of a private university library in Bangladesh. *Digital Library Perspectives*, ahead-of-print (ahead-of-print). DOI: 10.1108/DLP-03-2021-0025

Begum, D., Roknuzzaman, M., & Shobhane, M. E. (2021). Public libraries' responses to a global pandemic: Bangladesh perspectives. *IFLA Journal*, 48(1), 174-188. DOI: 10.1177/03400352211041138

Elahi, M. H., Elahi, A. & Begum, D. (2021). Exploring knowledge sharing pattern of law undergraduates: A developing country perspective. *Knowledge Management & E-Learning*. [Under review]

Elahi, M.H., Begum, D. & Munshi, M. N. (2021). Open access repositories in Bangladesh and India: A comparative analysis. *Bangladesh Journal of Library and Information Science*, 2(3), 1-16.

Begum, D, Roknuzzaman, M. & 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

Tabassum, M., Roknuzzaman, M. & **Begum D.** (2020). Employability skills of new generation LIS professionals in Bangladesh. *Journal of Knowledge & Communication Management*, 10(2), 121-144. DOI: 10.5958/2277-7946.2020.00008.X

Abdullah- Al- Mahmud, Akanda, A. K. M. E. A., Hasan, M. N., Haque, M. A. & **Begum, D.** (2020). Awareness and use of open access resources in higher education and scholarly research: Faculties versus students perspectives. *Library Philosophy and Practice*, 4516.

Sumon, A. R. & Islam, M.A. (2020). Information-Seeking Behavior of the Graduate Students: A Developing Country Perspective. *The Dhaka University Studies*, 72-73 (1-2), 1-17.

Book Chapters

Parvin, S., **Begum, D., Shobhane, M. E., & Hasan, M. N.** (2021). Evolving roles of East West University Library during the COVID-19 pandemic. In B. Holland (Ed.), *Handbook of Research on Knowledge and Organization Systems in Library and Information Science* (pp. 213-230). UK: IGI Global.

Begum, D., Hoq, K. M. G., Hasan, M. N. & Akanda, A. K. M. E. A. (2020). Knowledge management in libraries and information centers: A model-based analysis. In M. A. Alam, F. Alam & D. Begum (Eds.), *Knowledge Management, Governance, and Sustainable Development Lessons and Insights from Developing*

Countries (pp. 3-16). UK: Routledge; an imprint of the Taylor & Francis Group. [ISBN: 9780367546281]

Elahi, M. H. and Begum, D. (2020). Information literacy and digital literacy for public sector employees of Bangladesh: A competence-based integrated framework for providing quality services. In M. A. Alam, F. Alam & D. Begum (Eds.), *Knowledge Management, Governance, and Sustainable Development Lessons and Insights from Developing Countries* (pp. 179-196). UK: Routledge; an imprint of the Taylor & Francis Group. [ISBN: 9780367546281]

Elahi, M. H. (2020). Literacy and awareness of sustainable development goals among undergraduate students: A study of a private university in Bangladesh. In M. A. Alam, F. Alam & D. Begum, *Knowledge Management, Governance, and Sustainable Development: Lessons and Insights from Developing Countries* (1st ed., pp. 389-402). New York: Routledge.

Rahman, R. and Begum, B. (2020). Transformational leadership behavior styles of professionals in private university libraries of Bangladesh. In M. A. Alam, F. Alam & D. Begum, *Knowledge Management, Governance, and Sustainable Development: Lessons and Insights from Developing Countries* (1st ed., pp. 53-64). New York: Routledge.

Hossain, T, Sumon, A. R. and Rahman, R (2020). Bangladesh's progress toward attainment of the SDGs: An analysis of SDG tracker. In M. A. Alam, F. Alam & D. Begum, *Knowledge Management, Governance, and Sustainable Development: Lessons and Insights from Developing Countries* (1st ed., pp. 413-430). New York: Routledge.

Conference Proceedings

Begum, D. & Hoq, K. M. G. (2022). Change management in 21st century libraries: Bangladesh context. In *International Conference on the Role of LIS Professionals in the 4th Industrial Revolution*. Dhaka: Library Association of Bangladesh.

Georgiadou, E., Lampropoulos, G., Siakas, E., Siakas, K. V., Edwards, J. A., Valtanen, J., Berki, E., Paltalidis, N., Rahanu, H., Knezevic, R., Čolic, A., Tomic, B., Savva, A., Stylianou, V., Meiramova, S., Abd Elghany, M., Khalifa, N., Gevorgyan, R., Popa, D.,... Knezevic, S. (2021). Rapid migration from traditional or hybrid to fully virtual education in the age of the coronavirus pandemic: challenges, experiences and views of college and university students. In *e-Learning - INSPIRE XXVI Conference*, Southampton, UK.

Begum, D. (2020). Media and information literacy movements in Bangladesh: A study. In *International Scientific Conference Western Balkan Information and Media Literacy WBIMLC 2020: Information literacy: know it, teach it, live it*. Bihac, Bosnia and Herzegovina: Limerick Institute of Technology.

Roknuzzaman, M. & Begum, D. (2020). Green libraries for sustainable environment: Issues and challenges [Abstract]. In *Multidisciplinary International Conference on the Social and Life Sciences* (p. 9). Dhaka: East West University.

Begum, D. (2020, February 10). Role of LIS professionals in achieving Sustainable Development Goals (SDGs). In *International symposium on "Empowering the Library and Information Professionals for Achieving the SDGs"*. Dhaka, Bangladesh: Department of Information Science and Library Management, University of Dhaka and the Association of Information Science and Technology (ASIS&T) South Asia Chapter.

Elahi, M. H. & Hossain, T. (2020). Engaging mass community with public library: A framework. In *Multidisciplinary International Conference on the Social and Life Sciences* (p. 10-11). Dhaka: East West University.

Sumon, A.R. (2020). Managing citation through popular citation management tools: An Analysis. In *Multidisciplinary International Conference on the Social and Life Sciences*. (p. 51-52). Dhaka, Bangladesh.

Rahman, R. (2020). Use of E-Resources in English Medium School Libraries of Bangladesh: A Study on Information Professionals [Abstract]. In *1st Multidisciplinary International Conference on the Social and Life Sciences*.

Rahman, R., Rahman, A. & Kohinoor, S.K.B. (2020). Prospects and Challenges of MOOCs in Bangladesh: A Study of Students and Academicians [Abstract]. In *1st Multidisciplinary International Conference on the Social and Life Sciences*

Rahman, R. (2021). Information Culture in the Private University Libraries of Bangladesh. In *2nd International Conference on Information and Knowledge Management*. Dhaka: East West University

Newspaper Article

Elahi, M. H. (2020). Combating infodemic of misinformation. *The New Age*, p. 8. Retrieved from <https://epaper.newagebd.net/02-07-2020/8>

Departmental Activities

The Department of the Information Studies and Library Management in association with East West University Library organized the 2nd International Conference on Information and Knowledge Management (i-IKM 2021) on 24-26 June 2021. Around 180 participants from 25 countries including, USA, Italy, Mexico, Australia, Indonesia, South Africa, Bosnia Herzegovina, South Africa, Sweden, Hong Kong, Turkey and

India participated in the conference. Mr. M. A. Mannan, MP, Honorable Minister, Ministry of Planning, Government of the People's Republic of Bangladesh graced the Inaugural Ceremony as the Chief Guest. Dr. Mohammed Farashuddin, Chief Advisor and Founder Vice Chancellor of East West University was present at the event as the Program Chair.



2nd International Conference on Information and Knowledge Management (i-IKM)

Achievements

Dr. Dilara Begum, Associate Professor and Chairperson of Department of Information Studies and Library Management and Librarian (In-charge) has been elected as Professional Division Committee Chair and Asia Oceania Regional Division Committee member of International Federation of Library Associations and Institutions (IFLA) for 2021-2023.

Series of Webinars to Celebrate the Birth Centenary of the Father of the Nation Bangabandhu Sheikh Mujibur Rahman

To celebrate the birth centenary of the Father of the Nation Bangabandhu Sheikh Mujibur Rahman, Department of Information Studies and Library Management organized a series of webinar.



Webinar on the occasion of the 100th birth centenary of the Father of the Nation Bangabandhu Sheikh Mujibur Rahman

Department of Law

Publications

Mahbub, N. T. (2020). "The role of proportionality in the law of transboundary waters", *Review of European, Comparative and International Environmental Law (RECIEL)*, Special Issue: Contemporary Issues in International Water Law, Volume 29, Issue 3, 349-360 (WILEY Online Library).

Jahan, M. N., (2021). "Radicalization, Terrorism and Counter Terrorism Approach in Bangladesh", *Counter Terrorism Journal, Counter Terrorism & Transnational Crime (CTTC)*, Dhaka Metropolitan Police, Volume 1, Number 1, (2021), Pathak Shamabesh, Bangladesh, ISSN: 2710-4710. Funded by Project for the Construction of Counter Terrorism & Transnational Crime Prevention Centre of Bangladesh Police.

Jahan, M. N (2020). "Analyzing Child Rape in Bangladesh: A Socio-Legal Perspective", *International Annals of Criminology*, 58(1), 19-38 (Cambridge University Press).

Hossain, M. P. (2022). Repatriation of the Rohingya refugees: Geo-politics and the potential role of International Court of Justice. *Journal of Parliamentary and Political Law*, 16(1), 189-203.

Hossain, M. P. (2021). Stages of Rohingya genocide: A theoretical and empirical study. *Holocaust and Genocide Studies*, 35(2), 211-234.

Hossain, M. P. (2021). Justice delayed is justice denied: Post-conflict experiences of the Bangladesh war of independence. *Manchester Journal of Transnational Islamic Law & Practice*, 17(1), 245-263.

Hossain, M. P. (2021). COVID-19 and the right to education of the Rohingya refugee children: A human rights perspective. *Fairfield Institute of Management & Technology Law Journal*, 4(1), 1-12.

Hossain, M. P., & Siddiki, E. J. (2020-21). Amnesties and developments in international law: Re-evaluating the validity of amnesties purportedly granted by Bangladesh to the alleged Pakistani war criminals. *Commonwealth Law Bulletin*, 47(2), 320-362.

Rahaman, N., (2021). "Anti-Dumping Measures under WTO Regime: Effects & Consequences Regarding Compliance in the Trade Policy of Bangladesh", *Bangladesh Journal of Law, Bangladesh Institute of Law and International Affairs (BILIA)*, Vol-19, No. 1, 2021.

Conferences/Seminars

Shah, A. R., (2021, May 6). "The City, Human and Animals: An Analytical Approach of the City-laws Regulating Stray Animal from Bangladesh Perspective" , 14th Annual McGill

Law Graduate Conference "Law and the City", Faculty of Law, McGill University, Canada.

Shah, A. R., (2020, February 18-19). "The Importance of Empowerment of Indigenous Woman for Poverty Eradication in Bangladesh: A Critical Approach to the Existing Gaps in the Legal Framework", 4th UIU-International Conference on Sustainable Development 2020, Institute of Development Studies and Sustainability (IDSS), United International University(UIU), OXFAM, UNESCO, Kyoto University of Japan, WIN .

Jahan,M.N.,& Nishat. N. J., (2021, October 30-31). A Constructive Analysis on Reconciliation between Media and Islamic Ideology for the Elimination of Islamophobia, presented at the 1st Annual Conference, Office for National Unity and Reconciliation, Sri Lanka, organized by the Office for National Unity and Reconciliation, Sri Lanka.

Shahjalal, M., (2020). The Curious Case of Kulbhusan Jadhav, Threat to the National Security or boosting Terrorism in the name of espionage? ICSL 2020, East West University, Dhaka, Bangladesh.

Hossain, M. P. (2021, July 19-23). Digitizing responses to the Rohingya refugee crisis in the post-pandemic era [Conference presentation]. Fifteenth Conference of the International Association of Genocide Scholars, University of Barcelona, Spain (online).

Hossain, M. P. (2021, July 23-24). COVID-19 and the right to education of the Rohingya Refugee children: A human rights perspective [Conference presentation]. Education South Asia Conference, Oxford School of Global and Area Studies (online).

Hossain, M. P. (2021, March 24-27). Trademark protection in Bangladesh: A critical assessment through the lens of treaty obligations and progression of Artificial Intelligence [Conference presentation]. Third IP & Innovation Researchers of Asia Conference 2021, IP & Innovation Researchers of Asia Network (online).

Mandujan, M. G., Hossain, M. P., & DiGeorgio-Lutz, J (2021, March 12-13). Memory words and genocide museums: The efficacy of 'never again' [Conference presentation]. LWM Global Virtual Conference on Commemorating Past Genocides and Learning to Prevent Atrocity Crimes 2021, Liberation War Museum (online).

Hossain, M. P. (2020, February 27-29). Transboundary water cooperation between India and Bangladesh: Analyzing the crux of compliance with the international environmental law principles [Conference presentation]. First Multidisciplinary International Conference on the Social and Life Sciences on Gender, Health, Information and Environment, East West University, Bangladesh.

Mahmud Riad and Hasan Ismail, "The legitimacy of a State's Wilful Inaction to Prevent Illicit Transboundary Drug

Trafficking: Bangladesh and Myanmar Perspective’ (Socio-Legal Studies Association Virtual Conference 2021, Cardiff University, 30 March-1 April)

Farhin, N. (2020, February 13-14) ‘Is The Patient A Consumer?: Scope of The Consumers’ Right Protection Act, 2009 in Addressing Medical Negligence Claims’ presented online in of 3rd Global Public Health Conference (Globeheal 2020) organized by The International Institute of Knowledge Management (TIKM) Sri Lanka.

Farhin, N. (2020, February 13-14) ‘Ending Violence From Ready-Made Garments Industry: South Asian Context’ presented online in 3rd International Conference on Future of Women’20 organized by The International Institute of Knowledge Management (TIKM) Sri Lanka.

Webinar

In order to ensure local and community development, Department of Law hosted a webinar on September 16, 2020. Participants included law students, academics, stakeholders, and WIPO representatives. International, regional and national legal frameworks for safeguarding geographical indications (GI) were discussed by keynote speaker Professor Dr. Irene Calboli of Texas A&M University School of Law. Professor Dr. Mohammed Farashuddin, former governor of Bangladesh Bank, founding Vice Chancellor of East West University and Chief Advisor of East West University, presided over the webinar and made the concluding remarks.

Lecture Series



A lecture entitled “Protection of Personal Data: Historical Developments, Global Trends and Lessons for Bangladesh” was held on January 26, 2020, at East West University. Dr. Mohammad Ershadul Karim, Senior Lecturer at the University of Malaya’s Faculty of Law, delivered the lecture.



Another lecture entitled “International Criminal Law: Foundation, Development and Future” was held on February 26, 2020, Mr. Antonio Angotti, Fellow, Center for International Law Research and Policy (CILRAP) conducted the lecture.

Achievements

East West University (EWU) Moot Court Team won the “Champions Trophy” (2020)



EWU Moot Court Team won the Champions Trophy in the 1st Professor Shah Alam Constitutional Law Virtual Moot Court Competition 2020 organized by the Empowerment through Law of the Common People. The EWU team had Nusrat Jahan Nishat (Speaker), Kazi Miftahul Jannath (Speaker), R.K.M. Rabin Ahmed (Speaker) and Md. Pizuar Hossain, Senior Lecturer in Law (Coach). Nusrat Jahan Nishat won the “Best Rebellious Lawyer” award.

East West University (EWU) Team Made History in the World Moot (2021)

EWU Moot Court Team ranked 2nd in the preliminary rounds of the prestigious “Nelson Mandela World Human Rights Moot Court Competition 2021” (World Moot), that took place on 3-8 July 2021 online. The team qualified for the knockouts for the first time in the history of Bangladesh.



Department of Electrical and Electronic Engineering

Dr. M M Shahidul Hassan

Publications

M. M. Shahidul Hassan and Omiya Hassan, "Higher Education and Creation of Jobs in Bangladesh," European Journal of Teaching and Education, Vol : 2, No:1,pp.92-10, 2020.

Published in the local daily newspapers

- M. M. Shahidul Hassan, "Will Trimester Calendar Work Better for Private Universities?" The Daily Sun, 16 February 2022.
- M. M. Shahidul Hassan, "Higher Education Issues to Expansion & Quality," The Daily New Nation, 13 February 2022.
- M. M. Shahidul Hassan, "Keeping up with the Fourth Industrial Revolution a crucial factor in economic growth," The Daily Star, Sunday, 12 December, 2021.
- M. M. Shahidul Hassan, "Get Ready for Fourth Industrial Revolution," The Daily Sun, Wednesday, 3 November, 2021.
- M. M. Shahidul Hassan, "The changing role of the university over-time: Impact in Bangladesh," The Daily New Nation, Anniversary Issue 2021, 31 October 2021.
- M. M. Shahidul Hassan and Orchi Hassan, "Covid-19: Highlighting the necessity for rethinking higher education," The Daily Independent, 11 July, 2021. H6
- M. M. Shahidul Hassan, "Learning Paradigm and its Genesis," The Daily Independent, 22 May 2021. <https://www.theindependentbd.com/post/262626>
- M. M. Shahidul Hassan, "Higher Education Reasons Behind Student Dissatisfaction," The Daily New Nation, 16 April 2021.
- M. M. Shahidul Hassan, "Outcome-Based Education: Call of the Hour ," The Daily New Nation, 25 September 2020
- M. M. Shahidul Hassan, "Online Teaching Future Impact On Universities In Bangladesh," The Daily New Nation, 22 July 2020.
- M. M. Shahidul Hassan, "Set up a National Qualifications Framework," The Daily Sun, 01 March 2020.
- M. M. Shahidul Hassan, "Problems of Teaching-learning Process at Tertiary Level," The Daily Sun, 9 February 2020.
- M. M. Shahidul Hassan, "Low Student Teacher Ratio: A Path to Quality Teaching," The Daily Sun, 2 February 2020.

Prof. Anisul Haque

Publications

S. K. Maity, A. Haque and S. Pandit, "Charge-based compact drain current modeling of InAs-OI-Si MOSFET including subband energies and band nonparabolicity," IEEE Transactions on Electron Devices, Vol. 67, No. 6, pp. 2282 – 2289, 2020 (DOI: 10.1109/TED.2020.2984578).

K. I. Saad and A. Haque, "A Systematic automation of direct assessment of outcomes attainment in outcome based education," in the Proceedings of the IEEE Tensymp 2020, Dhaka, Bangladesh, 5-7 June 2020, paper ID: 651.

J. B. Jahangir, M. Al-Mahmud, M. S. S. Shakir, S. Rahman, A. Haque, and M. R. Khan, "Time division multiplexed data analysis technique using auto-morphing experimental studies of PV Systems to minimize variability," in the Proceedings of the IEEE Tensymp 2020, Dhaka, Bangladesh, 5-7 June 2020, paper ID: 661.

Professional Services

Distinguished Lecturer, IEEE, 2010 - ~.

Chair, Subcommittee for Regions and Chapters (SRC), Region 10 (Asia-Pacific), IEEE Electron Devices Society, 2021 – 22.

Board member, Board of Accreditation for Engineering and Technical Education (BAETE), 2012 - ~.

Member, BAETE Task Force for the preparation of the BAETE's Accreditation Manual for the Undergraduate Engineering Programs (third edition), March, 2022 – ~.

Chair, BAETE Task Force to develop a set of training modules for program evaluators. May, 2020 – March, 2021.

Chair, BAETE Task Force to prepare the Self-Assessment Report (SAR) for submission to International Engineers Alliance (IEA) to become a full signatory of the Washington Accord, September, 2019 – March, 2022.

Head of Delegation, BAETE Evaluation Teams for Accreditation of B.Sc. in EEE and CE Programs, and Chair, Evaluation Team for B.Sc. in EEE Program, KUET, Khulna, 2021 – 2022.

Head of Delegation, BAETE Evaluation Teams for Accreditation of B.Sc. in EEE and ETE Programs, and Chair, Evaluation Team for B.Sc. in ETE Program, Independent University Bangladesh, Dhaka, 2021.

Invited Talks

Presented an invited talk on Experience Sharing on Complex Engineering Problems in Outcomes Based Engineering Education, Organized by the Office of Accreditation and Quality Assurance, Islamic University of Technology, Dhaka, 7 October, 2021.

Presented an invited talk on Bifacial Photovoltaics: New Opportunities for Solar Farms organized by IEEE Electron Devices Society, NIT Silchar Student Branch Chapter, 4 August 2021.

Presented an invited talk on CQI in Outcomes Based Engineering Education for the faculty members of the School of Engineering and Physical Sciences, North South University, Dhaka, 18 July, 2021.

Presented a virtual invited talk on Journey of the Transistor organized by IEEE Electron Devices Society, Dhaka University Chapter, 13 June 2021.

Presented an invited talk on Experience Sharing on Complex Engineering Problems and Activities in Outcomes Based Engineering Education for the faculty members of the School of Engineering and Physical Sciences, North South University, Dhaka, 3 March, 2021.

Conducted training on the following modules in the BAETE Training Workshop for Program Evaluators, 8 – 11 February 2021, and 8 – 11 March, 2021

- **Module 6:** Planning Onsite Visit, Triangulation and Evaluation
- **Module 7:** Evaluating Attainment of Program Outcomes
- **Module 8:** Writing Effective Evaluation Team Report

Presented an invited talk on Complex Engineering Problems and Activities in Outcomes Based Engineering Education for the faculty members of the EEE Department, Chittagong University of Engineering and Technology (CUET), Chittagong, 5 October, 2020.

Presented an invited talk on Complex Engineering Problems and Activities in Outcomes Based Engineering Education for the faculty members of the EEE Department, BRAC University, Dhaka, 3 September, 2020.

Prof. Khairul Alam

Journal Publications

Khairul Alam, “Anisotropic transport in tellurene field effect transistors,” IET Micro & Nano Letters, vol. 15(13), pp. 959-963, November 2020.

Khairul Alam, “Physical insight and performance metrics of monolayer MX₂ heterojunction TFETs,” IET Micro & Nano Letters, vol. 15(2), pp. 81-85, February 2020.

Activities

Serve as an Editor of IEEE Transactions on Electron Devices

Serve as a reviewer of IEEE Access

Serve as a reviewer of IOP Semiconductor Science and Technology

Serve as a reviewer of IEEE Transactions on Electron Devices

Serve as a sectoral committee member of BAETE accreditation process

Prof. Mohammad Mojammel Al Hakim

Publications

Ehteshum Hossain, Shirazush Chowdhury, Maherin Matin, Abdul Ahmed and Dr. Mohammad Mojammel Al Hakim, “Investigation on short channel GGNMOS ESD protection device for low power IC,” in the IEEE Region 10 Symposium (TENSYP) 2020, June 5-7, 2020. (DOI: 10.1109/TENSYP50017.2020.9230678.).

Nawshad A. Chowdhury and M. M. A. Hakim, “Comparative analysis of the accumulation and inversion mode silicon nanowire transistors for an assessment of their biosensing potential,” International Conference on Engineering and Emerging Technologies (ICEET), 27-28 October, 2021, Istanbul, Turkey (DOI: 10.1109/ICEET53442.2021.9659715).

Nawshad Ahmed Chowdhury, Molla Md. Zubaer and Mohammad Mojammel Al Hakim, “Non-linear Behaviour investigation of Accumulation Mode Silicon Nanowires for Biosensing Application,” The 5th International Conference on Electrical Engineering and Information Communication Technology (ICEEICT), 18-20 November, Dhaka, Bangladesh (DOI: 10.1109/ICEEICT53905.2021.9667855)

Nawshad Ahmed Chowdhury, Molla Md. Zubaer and Mohammad Mojammel Al Hakim, “Sub-threshold behavior assessment of the accumulation and inversion mode silicon nanowires for biosensor application,” The 5th International Conference on Electrical Information and Communication Technology (EICT), 17-19 December, Dhaka, Bangladesh (DOI: 10.1109/EICT54103.2021.9733657)

Professional Activities

Served as peer reviewer of the Nano letters, Sensors & Actuators B: Chemical, IEEE Transaction of Electron Devices, IEEE Electron Devices Letters, IEEE Transaction on Nanotechnology, ECS Journal of Solid-State Science & Technology, Electrochemical & Solid-State Letters, Material Letters and International Journal of Nanotechnology.

Served as advisor of the National Utilization Committee for Nanofabrication Facility, Bangladesh, Bangladesh Atomic Energy Commission, Dhaka, Bangladesh.

Served as a panel member for projects submitted in the National Science Foundation (NSF), USA.

Served as a panel member for projects submitted in the Engineering & Physical Sciences Research Council (EPSRC), UK.

Served as a member of the Nano-science & Technology Institute (NSTI), USA.

Served as an editorial board member, *Advances in Molecular Imaging*, Scientific Research Publishing (SCIRP), China.

Served as an editorial board member, *Open Access Journal of Physics*, Sryahwa Publications, India.

Served as an editorial board member, *SF Journal of Nanochemistry & Nanotechnology*, Science Forecast Publications LLC, USA.

Served as an advisor of ULKASEMI Ltd for TCAD simulation of VLSI Devices.

Served as an International Program Committee member for the international conference on Microelectronic Devices and Technologies (MiCDAT 2020/2021).

Served as Technical Program Committee Member and Session Chair in the IEEE Region 10 Symposium (TENSYP) 2020, June 5-7, 2020.

Served as a reviewer of the The 5th International Conference on Electrical Engineering and Information Communication Technology (ICEEICT), 18-20 November, Dhaka, Bangladesh.

Invited Talks

Presented an invited talk on the in situ autonomous rugged sensors: Proposition in Bangladesh in the Institute of water and Flood Modeling (IWMF), BUET, February, 2020.

Presented an invited talk on the technology for real-time, monitoring and surveillance solutions for assessing water quality parameters in Bangladesh in the Institute of Water Modeling (IWM), Bangladesh, January, 2020.

Presented an invited talk on the water quality prediction and monitoring for coastal and inland waters in Bangladesh in the Water Resources Planning Organization (WARPO), January, 2020.

Presented an invited talk on the quantification of aquaculture pathogens by Lab on a Chip Isothermal Nucleic Acid Amplification in the Bangladesh Shrimp & Fisheries Foundation (BSFF), March, 2020.

Presented an invited talk on the autonomous sensing of water borne diseases in Bangladesh in the Urban Primary Healthcare Services Delivery Project, Local Government Division (LGD), Ministry of local Government, Bangladesh, May, 2020.

Dr. M. Ryyan Khan Publications

E. Maria, A. Saha, M. R. Khan, Md. A. Zubair, Md. Z. Baten, and R. N. Sajjad, "Carrier transport and performance limit of semi-

transparent photovoltaics: $\text{CuIn}_{1-x}\text{Ga}_x\text{Se}_2$ as a case study," *Journal of Applied Physics*, vol. 130, no. 17, p. 173106, Nov. 2021, doi: 10.1063/5.0063930.

M. R. Khan, M. T. Patel, R. Asadpour, H. Imran, N. Z. Butt, and M. A. Alam, "A review of next generation bifacial solar farms: predictive modeling of energy yield, economics, and reliability," *J. Phys. D: Appl. Phys.*, vol. 54, no. 32, p. 323001, May 2021, doi: 10.1088/1361-6463/abfce5.

M. T. Patel, M. S. Ahmed, H. Imran, N. Z. Butt, M. R. Khan, and M. A. Alam, "Global analysis of next-generation utility-scale PV: Tracking bifacial solar farms," *Applied Energy*, vol. 290, p. 116478, May 2021, doi: 10.1016/j.apenergy.2021.116478. (Impact factor: 8.848)

Md. M. H. Mithhu, T. A. Rima, and M. R. Khan, "Global analysis of optimal cleaning cycle and profit of soiling affected solar panels," *Applied Energy*, vol. 285, p. 116436, Mar. 2021, doi: 10.1016/j.apenergy.2021.116436. (Impact factor: 8.848)

M.T.Patel, R.A.Vijayan, R.Asadpour, M.Varadharajaperumal, M. R. Khan, and M. A. Alam, "Temperature-dependent energy gain of bifacial PV farms: A global perspective," *Applied Energy*, vol. 276, p. 115405, Oct. 2020, doi: 10.1016/j.apenergy.2020.115405. (Impact factor: 8.848)

International Conferences

M. D. Islam, M. A. Islam, and M. R. Khan, "Design of I-V Scanner to Analyze the Effects of Partial Shading due to Soiling and Bird-dropping on PV Panels," in 2021 5th International Conference on Electrical Engineering and Information Communication Technology (ICEEICT), Nov. 2021, pp. 1–6. doi: 10.1109/ICEEICT53905.2021.9667805.

J. B. Jahangir, Md. Al-Mahmud, Md. S. S. Shakir, S. Rahman, A. Haque and M. R. Khan, "Time Division Multiplexed Data Analysis Technique using Auto-Morphing Experimental Studies of PV Systems to Minimize Variability," in IEEE Region 10 Symposium (TENSYP) 2020.

Muhammed Tahir Patel, Hassan Imran, Md. Sojib Ahmed, Nauman Z. Butt, Muhammad A. Alam, M. Ryyan Khan, "When and Where to Track: A Worldwide Comparison of Single-axis Tracking vs. Fixed Tilt Bifacial Farms," in 2020 IEEE 47th Photovoltaic Specialists Conference (PVSC), Jul. 2020.

J. B. Jahangir, Md. Al-Mahmud, Md. S. S. Shakir, Md. M. H. Mithhu, T. A. Rima, R. N. Sajjad, and M. R. Khan, "Prediction of Yield, Soiling Loss, and Cleaning Cycle: A Case Study in South Asian Highly Construction-Active Urban Zone," in 2020 IEEE 47th Photovoltaic Specialists Conference (PVSC), Jul. 2020.

Talks/Workshops/Technical Reports

M. Ryyan Khan, "Techno-economic Prediction of Agrivoltaics: Prospects of Long-Term Sustainable Energy Growth in Bangladesh", Keynote talk in 6th ICDRET, Dec 2021.

Chapter contribution in IEA-PVPS report on bifacials systems.

M. Ryyan Khan, "Soiling on Solar Farms: When Should We Clean the Panels?", in IEEE SB DU webinar, March 2021.

M. Ryyan Khan, "Cleaning solar farms: A balance between energy yield and economics", in The International Photovoltaic Quality Assurance Task Force (PVQAT) TG-12 webinar, July 2021.

M. Ryyan Khan, Workshop on: "Numerical modeling of solar panel array", in IEEE day 2021 organized by IEEE EWU Student Branch.

Research Funding

Effect of shape and material of reflectors on albedo collection for bifacial solar panels, funded by EWUCRT, Oct 2018-present.

Numerical model, analysis, and optimization of agro-photovoltaic systems, funded by IAR-UIU Mar 2020-Aug 2021.

Dust and soiling on solar panels: effects on output, site evaluation and cleaning cycle prediction, funded by Ministry of ICT, Jun 2020-present.

Other Activities

[2020-2021] Served as a moderator of EWU Robotics Club.

[April 2021] Work on bifacial PV tracking featured in pv-magazine.

[Feb. 2021] Analysis on PV soiling and cleaning highlighted in pv-magazine.

[Feb. 2021] Temperature dependent bifacial PV analysis highlighted in pv-magazine

[Jan 2020] Work on thermodynamic limits of bifacial tandem featured in media (Purdue news, Science Daily, TechXplore)

Dr. Halima Begum and Dr. Muhammed Mazharul Islam

Publications

Halima Begum and Muhammed Mazharul Islam, "A Study on the Effects of Combining Different Features for the Recognition of Handwritten Bangla Characters", *Advances in Science, Technology and Engineering Systems Journal*, vol. 5, no. 2, pp 197 – 203, 2020, <https://dx.doi.org/10.25046/aj050225>.

Activities

Dr. Halima Begum served as a panelist in the International Symposium on Quality Assurance in Engineering Education Through Accreditation - organized by BAETE. August 2020.

Mr. Fakir Mashuque Alamgir

Publications

F. M. Alamgir, and M. S. Alam, "An artificial intelligence-driven facial emotion recognition system using hybrid deep

belief rain optimization" *Multimedia Tools and Applications* (Springer). [ACCEPTED].

Book Chapter

S. F. Madina, M.S. Islam, F.M. Alamgir, and M.F. Ferdous, Chapter 4 "Internet of Things (IoT)-Based Industrial Monitoring System" *Industrial Internet of Things: Technologies, Design, and Applications*. 1st Edition. Imprint CRC Press: Taylor & Francis Group.

eBook ISBN 9781003102267 (2022).

Conference Proceedings

O.A. Mahmud; K. Khan; R.Roy and F.M. Alamgir, "Internet of Things (IoT) Based Smart Health Care Medical Box for Elderly People" 2020 IEEE International Conference for Emerging Technology (INCET) (2020).

Dr. Khalid Imtiaz Saad

Publications

K. I. Saad and A. Haque, "A Systematic automation of direct assessment of outcomes attainment in outcome based education," in the Proceedings of the IEEE Tensymp 2020, Dhaka, Bangladesh, 5-7 June 2020, paper ID: 651.

Professional Services

Participated in several training and experience sharing sessions on engineering education accreditation arranged by BAETE.

Reviewed a number of papers in IEEE conferences such as TenSymp 2020, STI 2021 etc.

Observer member, BAETE Evaluation Team for accreditation of B.Sc. in EEE program, UIU, Dhaka, 2022.

Dr. Farhana Parveen

Publications

Parveen, Farhana, "Design of Miniaturized Antipodal Vivaldi Antennas and a Microwave Head Imaging System for the Detection of Blood Clots in the Brain" (2021). *Electronic Theses and Dissertations*, 2020-. 914. <https://stars.library.ucf.edu/etd2020/914>

Parveen, Farhana, and Parveen Wahid. "Microwave Head Imaging System for Detection of Blood Clots inside the Brain." 2021 IEEE International Symposium on Antennas and Propagation and USNC-URSI Radio Science Meeting (APS/URSI). IEEE, 2021.

Parveen, Farhana, and Parveen Wahid. "Detection of Blood Clots inside the Brain using Microwave Imaging." 2022 IEEE URSI combined Atlantic / Asia-Pacific Radio Science Conference, (URSI AT-AP-RASC 2022). IEEE, 2022. (accepted)

Department of Sociology

Publications

Islam, S., Mannan, F., & et el. (2020). COVID-19 pandemic: An analysis of the healthcare, social and economic challenges in Bangladesh, *Progress in Disaster Science*, December 2020, Volume 8, 100135. doi:

Islam, S., Islam, R., Mannan, F. & et el. (2020). COVID-19 Pandemic: How is Bangladesh coping with the rapid spread of coronavirus infection? *Journal of Infection in Developing Countries*, 2020, 14(10):1098-1105. doi:10.3855/jidc.13289.

Mannan, F., Banu A. (2020). Women in Politics: Gender Quota and Women's Movements in Bangladesh, *Rajasthan Journal of Sociology, India*, Vol 12, October 2020.

Mannan, F. (2020). The Urban Poor and Livelihood Vulnerability: Are Gender, Age and Marriage Intertwined? *Social Science Review*, August 2020, University of Dhaka.

Dery, I., Makama, R., Khan, A.R., & Baataar, C. (2022). Configuring traditional masculinities among young men in northwestern Ghana: Surveillance, ambivalences, and vulnerabilities. *Cogent Social Sciences*, 8 (1), 2038849.

Dery, I., & Baataar, C., & Khan, A.R., (2022). Everyday peacebuilding among Ghanaian men: Ambiguities, resistances and possibilities. *Journal of the British Academy*, 10(s1), 35–53.

Khan, A. R., Dery, I. & Helman, R. (2021). Masculinity and men's suicide attempts in Bangladesh. *Journal of Loss and Trauma*.

Khan, A. R., & Arendse, N. (2021). Female perpetrated domestic violence against men and the case for Bangladesh. *Journal of Human Behaviour in the Social Environment*. [Taylor & Francis/Routledge & Scopus Journal].

Khan, A. R., Ratele, K., & Arendse, N. (2021). Intimate relationship and suicidal behaviour of men in Bangladesh. *Mortality* [Taylor & Francis/Routledge, Scopus Journal]

Khan, A. R., Shimul, S. M. A. K. & Uddin, H. (2021). Demographic risk factors and motives of male suicide in Bangladesh: A retrospective content analysis. *Acta Counseling and Humanities*, 1(2), 66-68.

Khan, A. R., Ratele, K., & Arendse, N (2021). Suicide prevention intervention in Bangladesh: The current state and the way forward. *Asian Social Work and Policy Review*, 15(1), 15-23 [Wiley, Scopus & ISI Journal]

Arendse, N., Khan, A. R., Billah, M., Ratele, K. & Islam, M.Z (2021). Seasonality of suicide in Jhenaidah district, Bangladesh, 2011-2018. *Journal of Social Health*, 4(1), 64-75.

Khan, A. R. (2021). Hegemonic masculinity in the marginal societal context. *Agathos-An International Review of the Humanities and Social Sciences*, 12, 1 (22), 223-234 [ISI Journal].

Khan, A. R. & Ratele, K. (2021). Men and COVID-19 pandemic: Explicating the need for masculinity analysis. *Journal of*

Community Positive Practice. XXI (1), 3-7 [Scopus Journal].

Khan, A. R., Arendse, N., Shimul, S. M. A. K. & Ratele, K. (2021). Suicidal Behaviour and Coronavirus (COVID-19): Insights from Durkheim's sociology of suicide. *International Social Science Journal*, 71, 7-21. [Wiley, Scopus Journal].

Sarchiapone, M.....Khan, A.R.... (2021). Increased risk for mental disorders and suicide during the COVID-19 pandemic. Position statement of the Section on Suicidology and Suicide Prevention of the European Psychiatric Association. *Global Psychiatry*, 4(1), 4-19.

Hearn, J., Ratele, K., Sheffer, T. & Khan, A. R. (2021). Men, masculinities, peace and violence: A multi-level overview on justice and conflict. In T. Väyrynen, É. Féron, P. Medie, S. Parashar, & C. C. Confortini (Eds.) *Routledge Handbook of Feminist Peace Research* (pp 313-323), London: Routledge.

Khan, A. R., Ratele, K., Helman, R., Dlamini, S., & Makama, R. (2020). Masculinity and suicide in Bangladesh. *Omega: Journal of Death and Dying* [ISI, Scopus & SAGE Journal]

Khan, A. R., Ratele, K., Arendse, N., Islam, M. Z., & Dery, I (2020). Suicide and attempted suicide in Jhenaidah district, Bangladesh, 2010-2018. *Crisis: The Journal of Crisis Prevention and Suicide Prevention*, 41(4), 304–312 [ISI, Scopus Journal]

Khan, A. R. & Ratele K. (2020). Assessing the policy implementation of the Bangladeshi domestic violence act: Any lessons for protecting South African women in their homes? *South African Review of Sociology*, 51(1), 17-36 [Taylor & Francis/Routledge, Scopus Journal]

Khan, A. R., Ratele, K. & Dery, I (2020). Re (animating) sociology of suicide. *Italian Sociological Review*, 10 (1), 55-75 [Scopus Journal]

Khan, A. R., Ratele, K., & Arendse, N. (2020). Men, Suicide and Covid-19: Critical Masculinity Analyses and Interventions. *Postdigital Science and Education* 2, 651–656 [Springer Journal] DOI:

Khan, A. R., Ratele K., & Helman, R. (2020). Suicidal behaviour in South Africa and Bangladesh: A Review of empirical work. *African Safety Promotion: A Journal of Injury and Violence Prevention*, 18 (1), 1-35. DOI:

Khan, A. R. & Shimul, S. M. A. K. (2020) Methodological issues in suicide research in Bangladesh. *Bangladesh Journal of Public Administration*, 28(2), 93-96. DOI:

Tanjeela, M. (2021). Female Leadership in the Local Governments: Reconstruction of Traditional Gender Identity of Women in Rural Bangladesh. *Pakistan Journal of Women's Studies: Alam-E-Niswan*, 28(1), 21-39.

Tanjeela, M. & Rahman, A. (2020). The Need for Understanding Disaster Risk for Resilient City Development. AUC 2019, Proceedings of the 15th International Asian Urbanization Conference, Vietnam, Springer Singapore.

Tanjeela, M. & Rutherford, S. (2020). How women develop resiliency in climate vulnerable situations: Experiences of women across four regions of Bangladesh. (Eds), *Climate Adaptation for a Sustainable Economy: Lessons from Bangladesh, an Emerging Tiger of Asia*. Nova Science Publishers, Inc. Hauppauge, NY 11788 USA.

Billah M, Sultana S E & Kabir M H M I (2020). Exploring Challenges of Maternal Healthcare Utilization in Bangladesh: A Cross-sectional Survey in Saturia, Manikganj District, Indian Journal of Public Health Research and Development, Vol. 11, No. 4. pp 185-190.

Hossin, M.Z., Islam A., Billah M., Haque, M., & Uddin, J. (2022). Is there a gradient in the association between internet addiction and health? *PLoS ONE* 17(3): e0264716.

Billah, M & Trisha, N.J. (2021). COVID-19 and Mental Health Impacts in Bangladesh: A Review of Empirical Evidence, *Journal of Social Health*, Vol. 4, Issue 2. pp 30-42.

Huda, M.N., Billah, M., Sharmin, S., Amanullah, A.S.M., & Hossin, M.Z. (2021). Associations between family social circumstances and psychological distress among the university students of Bangladesh: To what extent do the lifestyle factors mediate? *BMC Psychology* 9, 80.

Arendse N, Khan A R, Billah M, Ratele K & Islam M Z. (2021). Seasonality of Suicide in Jhenaidah District, Bangladesh, 2011-2018. *Journal of Social Health*, Vol. 4, Issue 1. pp 64-75 doi:

Billah M, Sultana S E & Kabir M H M I (2020). Exploring Challenges of Maternal Healthcare Utilization in Bangladesh: A Cross-sectional Survey in Saturia, Manikganj District, Indian Journal of Public Health Research and Development, Vol. 11, No. 4. pp 185-190.

Hussain, R., Saha, A.K. (2022). Street-based Female Sex Workers and Their Vulnerabilities: A Study in the Municipalities of Bangladesh. *Journal of Social Health*, Volume 5, Issue 1. ISSN 2651-6837. University of Santo Tomas, Philippine.

Hussain R. (2021). Information Economy, Employment Vulnerability, and the Emergence of New Urban Marginality in Dhaka City, Bangladesh. In: **Huong L.T.T., Pomeroy G.M.** (eds) AUC 2019. *Advances in 21st Century Human Settlements*. Springer, Singapore.

Huda, M. N., Uddin, H., Hasan, M. K., Malo, J. S., Duong, M.C., & Rahman, M. A. (2021). Examining Bangladesh's responses to COVID-19: Lessons learned from Vietnam. *Global Biosecurity*, 3 (1)

Rahman, M., Uddin, H., Lutfun N. L., & Uddin, J. (2021). Associations of Forms of Intimate Partner Violence with Low Birth Weight in India: Findings from a Population-based Survey. *Journal of Maternal-Fetal & Neonatal Medicine*

Khan, A. R., Shimul, S. A. K., & Uddin, H. (2021). Demographic Risk Factors and Motives of Male Suicide in Bangladesh: A Retrospective Content Analysis. *Acta Counseling and Humanities*, 1(2), 66-80.

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school engagement among US children amid developmental disorder and adverse psychosocial exposure. *Sociological Spectrum*, 1-18.

Uddin, J., Alharbi, N., Uddin, H., Hossain, M. B., Hatipoğlu, S. S., Long, D. L., & Carson, A. P. (2020). Parenting stress and family resilience affect the association of adverse childhood experiences with children's mental health and attention-deficit/hyperactivity disorder. *Journal of affective disorders*, 272, 104-109.

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Khan, M. I., Shimul, S. M. A. K. (2020). *Policy Brief on Industrial Dispute Settlement in the RMG and Inland Water Transport (IWT) Sectors of Bangladesh: Present Situation and Recommendations for Comprehensive Approach*. Bangladesh Institute of Labor Studies.

Khan, A. R., & Shimul, S. M. A. K. (2020). Methodological Issues in Suicide Research in Bangladesh, *Bangladesh Journal of Public Administration*, 93-96.

Ahsan, M. (2021). Education in 'New Normal': Problems and Prospects of Tertiary Level Students in Bangladesh in Dalaman, Z.B.(Ed.) "New Normal Beyond the Pandemic: Rethinking Alienation from Local to Global". Transnationalpress London.

Ahsan, M. (2021). Women and Migration: A Sociological Review on the Current Trends and Future of Women Migration in Bangladesh, in Dalaman, Z.B.(Ed.) 'Women and Politics in a Global World II'. Transnationalpress London.

Conferences/Seminars

Dr. Fouzia Mannan presented a paper entitled "Does Education Really Empower Women? Revisiting the Role of NGOs In Bangladesh", at 27th RSA Annual International Conference (virtual) on Education and Society: Equity, Justice and Inclusion (Reassessing Emancipation and Subordination), Rajasthan, India, February 7-10, 2021.

Dr. Fouzia Mannan attended and presented a paper on 'Veil As Religious Expression: An Ethnographic Study Among Young Female Students in Bangladesh', at the International Conference (online) organized by the Dialogue Institute, Temple University, Philadelphia, USA, August 18, 2020 (Online).

Dr. Anisur Rahman Khan presented a paper entitled "Pathways of the studies of men and masculinity in Bangladesh", 1st

Multidisciplinary conference on social and Life sciences, 27-29 February, 2020 at East West University.

Dr. Anisur Rahman Khan presented a paper entitled “Masculinity and suicide attempt of men” 7th International Conference on Public Administration and Development, 5-8 February, 2020 at Bangladesh Public Administration Training Centre (BPATC), Savar, Dhaka, Bangladesh

Dr. Anisur Rahman Khan presented a paper entitled Demographic Risk Factors and Motives of Male Suicide in Bangladesh, 2018-2019, 7th International Conference on Public Administration and Development, 5-8 February, 2020 at Bangladesh Public Administration Training Centre (BPATC), Savar, Dhaka, Bangladesh

Dr. Mumita Tanjeela attended as **Resource Person** in a webinar entitled “Trends, Challenges, Prospects and Opportunities on Migration: the Role of and Impact on Bangladesh Youth” organized by Migrant Resource Centres (MRC), Ministry of Expatriates’ Welfare and Overseas Employment & IMCPD on 3 April, 2021 for the students of Sociology Department of East West University.

Dr. Mumita Tanjeela attended as a **Panelist** in Climate Talk to mark the International Women’s Day (8 March 2021) organized by Asian Disaster Preparedness Centre (ADPC), Bangkok and ‘Climate Adaptation and Resilience for South Asia’ Project, World Bank.

Dell, C., Williamson, L., McKenzie, H., Mela, M., Akca, D., Cruz, M., Ramsum, T., **Sultana, S.E.** (presenter), Camacho Soto, J., & Mostafa, K. (2021). “Looking through the Experts’ Lens”: An Empirical Account of Conducting Patient-Oriented Research in Forensic Psychiatry, paper has presented in the 17th Biennial Custody and Caring International Conference on the Nurses’ Role in the Criminal Justice System, College of Nursing, University of Saskatchewan, Canada. (November 4-5, 2021).

Poster Presentations

Dell, C., Williamson, L., McKenzie, H., Mela, M., Akca, D., Cruz, M., Ramsum, T., **Sultana, S.E.**, (presenter) Camacho Soto, J., & Mostafa, K. (November 16 & 18, 2021). Conducting Patient-Oriented Research in a Forensic Psychiatric Facility: A Case Study of Patient, Saskatchewan Health Research Showcase 2021, Saskatchewan Centre for Patient Oriented Research (SCPOR) and Saskatchewan Health Authority (SHA), Canada.

Sultana, S. E. (October 1-29, 2021). The Scope of Patient Oriented Research (POR) among Forensic Population in South and South East Asian countries: A Critical Review for Moving Forward, AbSPORU Virtual Institute 2021, Alberta SPOR Support Unit, Alberta, Canada.

Sultana, S.E., Mela, M., Dell, C., Williamson, L., Swampy, S., Camacho Soto, J., Ramsum, T., McKenzie, H., Jewell, L., Cruz, M., Chalmers, D., & Akca, D. (November 16-18, 2020). Catalyzing Patient-Oriented Research among Forensic Psychiatric Patients. SK Health Research Showcase. Saskatoon: SK

Funded Research Projects (Ongoing)

As a Principal Investigator, Dr. Anisur Rahman Khan has carried out a research project entitled Men, Masculinity and Suicide in Jhenaidah District funded by Centre for Research and Training (CRT), East West University, Dhaka, Bangladesh (Ongoing).

As a Principal Investigator, Dr. Mumita Tanjeela has carried out a research project entitled Understanding Coping Strategies of University Students of Dhaka City during COVID19: through a Social Capital Lens funded by the Centre of Training and Research (CRT), East West University, Dhaka, Bangladesh (Ongoing).

As a Co-Principal Investigator, Masum Billah has carried out a research project entitled Understanding Coping Strategies of University Students of Dhaka City during COVID19: through a Social Capital Lens funded by the Centre of Training and Research (CRT), East West University, Dhaka, Bangladesh (Ongoing).

As a Research Associate, S. M Anowarul Kayes Shimul has contributed to a research project entitled Men, Masculinity and Suicide in Jhenaidah District funded by Centre for Research and Training (CRT), East West University, Dhaka, Bangladesh (Ongoing).

Conference Convener and International Interview

Dr. Fouzia Mannan was Convener of the International Conference on *Social and Life Sciences* (ICSL) organized by East West University, Dhaka, Bangladesh, February 28-29, 2020.

Dr. Fouzia Mannan was interviewed by the Dialogue Institute, Temple University, Philadelphia, USA as a selected SUSI Scholar (U.S. State Department Academic Scholars Program) for the US State Department podcast on September 2020.

Awards and Honors

Sultana, S. E. Research Assistantship Award, Office of the Research Chair in One Health Wellness, Department of Sociology, College of Arts and Science, University of Saskatchewan, 2021

Sultana, S. E. SCPOR Trainee Engagement with Patients (STEP) funding award, provided to support patient engagement activities in the project “Catalyzing Patient-Oriented Research among Forensic Psychiatric Patients” for the period of July 2020 to March 31, 2021.

Sultana, S. E. SCPOR Trainee Matching Funding Award Scholarship, for up to September 1 2020 to August 30, 2021

Membership

Dr. Anisur Rahman Khan was credited as Associate Membership in the International Society for Development and Sustainability (ISDS), Japan on May 2021.

Mr. Rasel Hossain is credited as a member of Hong Kong Sociological Association (2021-2022).

Mr. Helal Uddin is credited as an International Associate Member, American Sociological Association (ASA) (2000-2021)

Departmental Activities

100th Birthday of Sheikh Mujibur Rahman

On March 17, 2021, Department of Sociology organized entitled program ‘বঙ্গবন্ধু এবং মুক্তির সংগ্রাম’ to celebrate the 100th birth day of the ‘Father of the Nation’ Bangabandhu Sheikh Mujibur Rahman. To grace the program, Lt. Col. (Retd) Quazi Sajjad Ali Zahir who was awarded Bir Protik, Sadhinota Padak and Padmashree, was present as guest speaker.



Department of Computer Science and Engineering

Publications

- Ahmed Wasif Reza, Kazi Saymatul Jannat, Md. Shariful Islam, Surajit Das Barman, Smart pre-seeding decision support system for agriculture, Accepted for publication in Journal of Information Systems and Telecommunication, 2022. (SCOPUS-Cited Publication)
- Md. Lizur Rahman, Ahmed Wasif Reza, Shaiful Islam Shabuj, “An IoT-based Automatic Brain Tumor Detection System”, Indonesian Journal of Electrical Engineering and Computer Science, Vol. 25, No. 1, January 2022, pp. 214~222, DOI: 10.11591/ijeecs.v25.i1. pp. 214-222. (SCOPUS-Cited Publication)
- Ahmed Wasif Reza, Abdullah Al Rifat, and Tanvir Ahmed, “An integrated machine learning model for indoor network optimization to maximize coverage”, Indonesian Journal of Electrical Engineering and Computer Science, Vol. 24, No. 1, October 2021, pp. 393-401, DOI: 10.11591/ijeecs, v24.i1. pp. 393-401. (SCOPUS-Cited Publication).
- Ahmed Wasif Reza, Jannatul Ferdous Sorna, Md. Momtaz Uddin Rashel, and Mir Moynuddin Ahmed Shibly, “Mod COVNN: A Convolutional Neural Network Approach in COVID19 Prognosis”, International Journal of Advances in Intelligent Informatics, vol. 7, no. 2, pp. 125-136, July 2021. DOI:
- Ahmed Wasif Reza, Md Mahamudul Hasan, Nazla Nowrin, and Mir Moynuddin Ahmed Shibly, “Pre-trained deep learning models in automatic COVID-19 diagnosis”, Indonesian Journal of Electrical Engineering and Computer Science, Vol. 22, No. 3, June 2021, pp. 1540 -1547. DOI: 10.11591/ijeecs. v22.i3. pp. 1540-1547 (SCOPUS-Cited Publication)
- Al-Imran, M., Ripon, S.H. Network Intrusion Detection: “An Analytical Assessment Using Deep Learning and State-of-the-Art Machine Learning Models”, Int J Comput Intell Syst 14, 200 (2021).
- A. S. M. M. Hasan, R. A. Tuhin, M. Ullah, T. H. Sakib, P. Thollander, and A. Trianni, “A comprehensive investigation of energy management practices within energy intensive industries in Bangladesh,” *Energy*, vol. 232, 2021, doi: 10.1016/j.energy.2021.120932.
- M. S. Ali, R. A. Tuhin, and M. S. H. Khan, “Sun: The main source of ground energy and power,” *Advances in Clean Energy Technologies*, pp. 3–18, Jan. 2021, doi: 10.1016/B978-0-12-821221-9.00001-3.
- M. S. Ali, R. A. Tuhin, M. S. H. Khan, and M. Hasanuzzaman, “Development of power generation from oceanic waves,” *Advances in Clean Energy Technologies*, pp. 319–346, Jan. 2021, doi: 10.1016/B978-0-12-821221-9.00008-6.
- Md. Nawab Yousuf Ali, Md. Lizur Rahman, C. Jyotismita, D. Nilinjan, K. C. Santosh, “Machine Translation using Deep Learning for Universal Networking based on their Structure”, International Journal of Machine Learning and Cybernetics, Vol. 12, April 2021, pp. 2365-2376.
- Ali, M. S., Tuhin, R. A., & Khan, M. S. H. (2021), “Sun: The main source of ground energy and power. In *Advances in Clean Energy Technologies*”, (pp. 3-18). Academic Press.
- Ali, M. S., Tuhin, R. A., & Khan, M. S. H. (2021), “Development of power generation from oceanic waves. In *Advances in Clean Energy Technologies*,” A.K. Azad (Eds.), Elsevier.

- Md. Al-Imran and Shamim Ripon, Network Intrusion Detection: An analytical assessment using deep learning and state-of-the-art machine learning models, *International Journal of Computational Intelligence Systems*, 14, 200 (2021), Springer.
- Linkon Chowdhury, Md Sarwar Kamal, Shamim H. Ripon, Sazia Parvin, Omar Khadeer Hussain, Amira Ashour and Bristy Roy Chowdhury, A Biological Data-Driven Mining Technique by Using Hybrid Classifiers with Rough Set, *International Journal of Ambient Computing and Intelligence (IJACI)*, vol.12, no.3 2021: pp.123-139.
- Mario Gianni and Mohammad Salah Uddin, "Role and task allocation framework for Multi-Robot Collaboration with latent knowledge estimation.", *Engineering Reports* (2020); John Wiley & Sons Ltd. Volume 2, Issue 9
- Mohammad Salah Uddin, Md. Fatin Istiaq, Mohd. Rasadin, and Md. Ruhel Talukder, "Freshwater shrimp farm monitoring system for Bangladesh based on internet of things." *Engineering Reports*. 2020; John Wiley & Sons Ltd, Volume 2, Issue 7.
- M. M. Uddin, M Yasmin, MSH Khan, MI Rahman, T Islam, "Detecting Bengali Spam SMS Using Recurrent Neural Network," *Journal of Communications* vol. 15, no. 4, pp. 325-331, April 2020. Doi: 10.12720/jcm.15.4.325-331.
- Khan, M. S. H., Barman, S. D., & Reza, A. W. (2020), "A 1.2 V 0.2 m, W 27MHz CMOS limiting amplifier using cross-coupled active load structure", *Australian Journal of Electrical and Electronics Engineering*, 17(3), 239-246.
- Uddin, M. M., Yasmin, M., Khan, M. S. H., Rahman, M. I., & Islam, T. (2020), "Detecting Bengali Spam SMS Using Recurrent Neural Network", *J. Commun.*, 15(4), 325-331.
- M Saddam Hossain Khan, Surajit Das Barman, and Ahmed Wasif Reza, "A 1.2V 0.2mW 27MHz CMOS Limiting Amplifier using Cross-Coupled Active Load Structure", *Australian Journal of Electrical and Electronics Engineering*, vol. 17, no. 3, pp. 239-246, 2020, DOI:10.1080/1448837X.2020.1818957. (SCOPUS-Cited Publication)
- Mir Moynuddin Ahmed Shibly, Tahmina Akter Tisha, Tanzina Akter Tani and Shamim H Ripon, Convolutional Neural Network-based Ensemble Methods to Recognize Bangla Handwritten Character, *PeerJ Computer Science* 7: e565.
- Md Alauddin Rezvi, Sidratul Moontaha, Khadija Akter Trisha, Shamse Tasnim Cynthia, Shamim Ripon, "Data Mining Approach to Analyzing Intrusion Detection of Wireless Sensor Network", *Indonesian Journal of Electrical Engineering and Computer Science*, Vol 21, No 1, January 2021, pp. 516-523.
- Musharrat Khan, "Online testing of ternary reversible multiple-controlled unary gate circuits," *J. of Multi-Valued Logic & Soft Computing*, Vol. 34, pp. 105-127, 2020. [ISI Impact Factor 0.613]
- Shamim Ripon, Fahim Sahariar Rasel, Ruhul Kabir Hawlader and Maheen Islam, Automated Requirements Extraction and Product Configuration Verification for Software Product Line. In: Jena, Ajay Kumar, Das, Himansu, Mohapatra, Durga Prasad (eds) *Automated Software Testing: Foundations, Applications, and Challenges*. Services and Business Process Reengineering, Springer, Singapore, 2020.
- Shamim Ripon, Md. Golam Sarowar, Fahima Qasim and Shamse Tasnim Cynthia, An Efficient Classification of Tuberos Sclerosis Disease Using PSO-based Optimized Machine Learning Techniques. In: Rout M., Rout J., Das H. (eds) *Nature Inspired Computing for Data Science. Studies in Computational Intelligence*, vol 871. Springer, Cham.

Conferences

- Al-Imran, Md & Rahaman, Kazi & Rasel, Mohammad & Ripon, Shamim. (2021, July). An Analytical Evaluation of a Deep Learning Model to Detect Network Intrusion. In International Conference on Multi-disciplinary Trends in Artificial Intelligence (pp. 129-140). Springer, Cham. 10.1007/978-3-030-80253-0_12
- Muhammad Abu Bakar Siddik, Md. Mahfuzul Islam Mazumder, Rakibul Alam, and Musharrat Khan, "Performance comparison between dimension reduction and feature selection approaches for data classification," In Proc. 2021 5th Conference on Computing Methodologies and Communication (ICCMC), 8-10 April 2021, Erode, Tamil Nadu, India.
- Sumita Das, Malika Zannat Tazim, Jesmin Akter, and Musharrat Khan, "Influence of data pre-processing on genetic algorithm-based clustering," In Proc. 2021 7th International Conference on Advanced Computing and Communication Systems (ICACCS), 19-20 March, 2021, Coimbatore, India.
- Mohammed Faim Uddin Bhuiyan, Md. Tanzim Rahman, Mehfuji Ahmed Anik, and Musharrat Khan, "A framework for type-II diabetes prediction using machine learning approaches," In Proc. 2021 12th International Conference on Computing Communication and Networking Technologies (ICCCNT), 6-8 July 2021, Kharagpur, India.
- Zakir Hossain, Md. Mahmudur Rahman Surov, Musharrat Khan, and Parves Rahman, "Network intrusion detection using machine learning

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- M. Rahman, S. Das, M. Z. Tazim, M. Rana, R. A. Tuhin, and A. K. Das, “State of the Art of ICT based Telemedicine and E-health Services in Bangladesh,” *Proceedings of the 6th International Conference on Inventive Computation Technologies, ICICT 2021*, pp. 1266–1272, Jan. 2021, doi: 10.1109/ICICT50816.2021.9358778
 - J. F. Sorna, M. M. U. Rashel, R. A. Tuhin, and A. K. Das, “CNN based Security issues of the Drivers of Ridesharing Services in Bangladesh,” *Proceedings of the 6th International Conference on Inventive Computation Technologies, ICICT 2021*, pp. 1273–1278, Jan. 2021, doi: 10.1109/ICICT50816.2021.9358694.
 - N. Ahmad, T. Sharmin, J. Akter, R. A. Tuhin, and A. K. Das, “Behavioral Issues of Children in Terms of Internet Usages Time in Bangladesh,” *Proceedings of the 2021 15th International Conference on Ubiquitous Information Management and Communication, IMCOM 2021*, Jan. 2021, doi: 10.1109/IMCOM51814.2021.9377389.
 - Ahmed, Touhid, Abhijit Biswas, and Samia Subrina. “Enhanced Performance of Strained Graphene Wrapped Channel Cylindrical FET.” 2021 IEEE Region 10 Symposium (TENSYP). IEEE, 2021.
 - Mohammad Salah Uddin, Shathi Islam and Nishat Vasker, “Smart Diaper: Non-stop Diaper Monitoring System”. IEEE International Conference on Robotics, Automation, Artificial-Intelligence and Internet-of-Things (RAAICON 2021), December 03-04, 2021, Dhaka, Bangladesh.
 - M. K. Khan, S. M. Ahmed, S. Sarker and Mozammel H A Khan, “K-Cosine-Medoids Clustering Algorithm,” in Proc. 5th International Conference on Electrical Information and Communication Technology (EICT2021), 17-19 December 2021, Khulna, Bangladesh.
 - M. K. Khan, S. Sarker, S. M. Ahmed and Mozammel H A Khan, “K-Cosine-Means Clustering Algorithm,” in Proc. 2021 International Conference on Electronics, Communications and Information Technology (ICECIT), 14-16 Sept. 2021, Khulna, Bangladesh.
 - Jannatul Naim, Zahid Hasan, Md. Niajul Haque Pradhan and Shamim Ripon, An Improved Diabetic Retinopathy Image Classification by Using Deep Learning Models, *The 24th International Conference on Computer and Information Technology (ICCIT2021)*, December 18-20, 2021, pp. 1-6, doi: 10.1109/ICCIT54785.2021.9689874.
 - Tanzina Tani, Mir Moynuddin Ahmed Shibly and Shamim Ripon, A Deep Convolutional Generative Adversarial Network Based Model to Analyze Histopathological Breast Cancer Images, *International Conference on Machine Intelligence & Data Science Applications (MIDAS 2021)*, December 26-27, 2021, Lecture Notes on Data Engineering and Communications Technologies, Springer.
 - Shishir Zaman, Md. Nayeem, Rifah Tatrapi and Shamim Ripon, Deep Learning Approach for Electricity Load Forecasting Using Multivariate Time Series Data, *International Conference on Machine Intelligence & Data Science Applications (MIDAS 2021)*, December 26-27, 2021, Lecture Notes on Data Engineering and Communications Technologies, Springer.
 - Md. Rakibul Hasan Shezan, Mohammed Nasif Zawad, Yeasir Arafat Shahed, Shamim H Ripon, Bangla Fake News Detection Using Hybrid Deep Learning Models, *International Conference on Big Data, IoT and Machine Learning (BIM 2021)*, September 23-25, 2021, Cox’s Bazar, Bangladesh.
 - Md Al-Imran, Kazi Jahidur Rahaman, Mohammad Rasel, and Shamim H. Ripon, An Analytical Evaluation of a Deep Learning Model to Detect Network Intrusion, In: Chomphuwiset P., Kim J., Pawara P. (eds) Multi-disciplinary Trends in Artificial Intelligence. MIWAI 2021. Lecture Notes in Computer Science, vol 12832. Springer, Cham. https://doi.org/10.1007/978-3-030-80253-0_12.
 - Ramisha Anjum, Rubaiya Rahman Dipti, Harun Or Rashid and Shamim Ripon, An Efficient Breast Cancer Analysis Technique by Using a Combination of HOG and Canny Edge Detection Techniques, 2021 5th International Conference on Trends in Electronics and Informatics (ICOEI), 2021, pp. 1290-1295, doi: 10.1109/ICOEI51242.2021.9453095.
 - Md. Masrafi Rahman, Raiyan Rashid Proddhan, Yeasir Hossain Shishir and Shamim Ripon, Analyzing and Evaluating Boosting-Based CNN Algorithms for Image Classification, 2021 International Conference on Intelligent Technologies (CONIT), 2021, pp. 1-6, doi: 10.1109/CONIT51480.2021.9498328.
 - Moni Kishore Dhar, S. M. Nahid Hasan, Tahsin Rahaman Otushi, and Musharrat Khan, “Entropy-based feature selection for data clustering using k-means and k-medoids algorithms,” In Proc. 2020 Fifth International Conference on Research in Computational Intelligence and Communication Networks (ICRCICN), Nov 26-27, 2020, Bangalore, India.
 - Mozammel H A Khan, “Tree-Based Hybrid Genetic Algorithm for Density-Based Data Clustering,”

in Proc. 2020 24th International Computer Science and Engineering Conference (ICSEC), 3-5 Dec. 2020, Bangkok, Thailand.

- Mohd. Salman Hossain Bhuiyan, Nabil Al Raian, Shahad Iqbal Leon, and Musharrat Khan, "Study of influence of dimension reduction of high dimensional datasets in classification problem," In Proc. 2020 Fourth International Conference on Computing Methodologies and Communication (ICCMC), 11-13 March, 2020, Erode, Tamil Nadu, India.
- M. M. A. Shibly, T. A. Tisha, M. K. Islam, and M. M. Uddin. "Transfer Learning in Classifying Prescriptions and Keyword-based Medical Notes." In Proceedings of the 22nd International Conference on Information Integration and Web-based Applications & Services, pp. 82-90. November 2020. Association for Computing Machinery, New York, NY, USA.
- Shaon, R. H., Islam, A., Khan, M. S. H., & Das, A. K. (2020). A Digital Platform Design for Supply Chain of Existing Fish Market in Bangladesh. In *Proceedings of International Joint Conference on Computational*

Intelligence (pp. 497-513). Springer, Singapore.

- Hasan, M., Nawar, A., Khan, M. S. H., & Jamal, L. (2020, November). An IoT Based Smart System to Recommend Suitable Environment. In *2020 6th International Conference on Robotics and Artificial Intelligence* (pp. 163-167).
- Md Anuvob Pradan, Mahia Binte Mizan, Moon Howlader and Shamim Ripon, An Efficient Approach to Software Fault Prediction, In: Bindhu V., Tavares J.M.R.S., Boulogeorgos AA.A., Vuppalapati C. (eds) *International Conference on Communication, Computing and Electronics Systems*. Lecture Notes in Electrical Engineering, vol 733, pp 221-237. Springer, Singapore.
- Mir Moynuddin Ahmed Shibly, Tahmina Akter Tisha, and Shamim H Ripon, Stacked Generalization Ensemble Method to Classify Bngla Handwritten Character, Proceedings of International Conference on Sustainable Expert Systems - ICSES 2020, 28-29, September 2020, Lecture Notes in Networks and Systems 176, pp. 621-638. Springer Nature Singapore Pte Ltd.

Department of Electronics and Communications Engineering

Publications

Karim, M.R., Ghosh, S., Rahman, M.M. et al. Modeling of dispersion-engineered all-chalcogenide step-index fiber for wideband supercontinuum generation in the mid-infrared. *Opt Quant Electron* 52, 243 (2020).

S. Afrin, M. Arifuzzaman, "e- Health in Developing Countries: Bangladeshi Perspective," *International Journal of Engineering and Advanced Technology (IJEAT)*, Volume-9, Issue-3, February 2020.

N. R. Bhowmik, M. Arifuzzaman (Corresponding Author), M. R. H. Mondal, and M. S. Islam. "Bangla Text Sentiment Analysis Using Supervised Machine Learning with Extended Lexicon Dictionary", *Natural Language Processing Research* (2021).

Paul, A.K., Qu, X. & Wen, Z. Blockchain—a promising solution to internet of things: A comprehensive analysis, opportunities, challenges, and future research issues. *Peer-to-Peer Netw. Appl.* (2021).

J. Zhang, *K. Yu, Z. Wen, X. Qi, A. K. Paul, "3D Reconstruction for Motion Blurred Images Using Deep Learning-based Intelligent Systems", *CMC-Computers, Materials & Continua*, vol. 66, no.2, pp. 2087–2104, 2021. DOI:10.32604/mc.2020.014220. [IF:4.890/2019; JCR: Q1]

Conferences

M. M. Hasan, Z. Rahman, R. Shaikh, Alam, M. A. Islam, and M. S. Alam, "Design and Analysis of Elliptical Microstrip Patch Antenna at 3.5 GHz for 5G Applications," 2020 IEEE Region 10 Symposium (TENSYP), Dhaka, Bangladesh, 2020, pp. 981-984, doi: 10.1109/TENSYP50017.2020.9230897.

Tian Ma, Kavuma Benon, Bamweyana Arnold, Keping Yu, Yan Yang, Qiaozhi Hua, Zheng Wen, and Anup Kumar Paul, "Bottleneck Feature Extraction-Based Deep Neural Network Model for Facial Emotion Recognition". In: Loke S.W., Liu Z., Nguyen K., Tang G., Ling Z. (eds) *Mobile Networks and Management. MONAMI 2020. Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering*, vol 338. Springer, Cham.

Q. N. Nguyen, J. Lopez, T. Tsuda, T. Sato, K. Nguyen, C. Safitri, M. Arifuzzaman, H. T. Nguyen, "Adaptive Caching for Beneficial Content Distribution in Information-Centric Networking " In proc. the 34th International Conference on Information Networking (ICOIN 2020), January 7-10, 2020, Barcelona, Spain.

Anusha Aziz, Suman Saha and Mohammad Arifuzzaman, "Analyzing Banking Data using Business Intelligence (BI): A Data Mining Approach", *International Joint Conference on*

Advances in Computational Intelligence (IJCACI), November 20-21, 2020

A. Aziz, S. Saha, and M. Arifuzzaman, "Analyzing Banking Data Using Business Intelligence: A Data Mining Approach," International Joint Conference on Advances in Computational Intelligence, pp. 245-256. Springer, 2021.

T.J. Toma, S. B. Hassan, M. Arifuzzaman, "An analysis of supervised machine learning algorithms for spam email detection." In Proc. The International Conference on Automation, Control and Mechatronics for Industry 4.0 (ACMI 2021), Rajshahi University of Engineering & Technology (RUET), Bangladesh from 8-9, July 2021.

S.P. Ripa, F. Islam, and M. Arifuzzaman, "The Emergence Threat of Phishing Attack and The Detection Techniques Using Machine Learning Models." In Proc. The International

Conference on Automation, Control and Mechatronics for Industry 4.0 (ACMI 2021), Rajshahi University of Engineering & Technology (RUET), Bangladesh from 8-9th July 2021.

Professional Activities

Dr. M. Arifuzzaman served as a Technical Program Committee member and Session Chair of IEEE Tensymp 2020, Dhaka, Bangladesh, 5-7 June 2020. He also served as a Technical Program Committee member of International Conference on Information and Communication Technology for Sustainable Development (ICICT4SD) on 27-28 February 2021 at Bangladesh University of Professionals, Dhaka.

Dr. Mohammed Moseur Rahman and Dr. M. Arifuzzaman attended the The International Online Symposium on Quality Assurance in Engineering Education through Accreditation-II, August 26-27, 2020 organized by BAETE, IEB.

Department of Mathematical & Physical Sciences

Journal Publications

1. F. Tabassum, M.I. Islam, M. R. Amin, Comparison of Filter Banks of DWT in Recovery of Image Using One-Dimensional Signal Vector, Journal of King Saud University - Computer and Information Sciences, 33(2021) 542-551.
2. Eusob Ali Ahmed, Mohammad Rezaul Karim, Munmun Banerjee, Subir Sen, Prasanta Chatterjee, and Gurudas Mandal (March 2022), A Comparative Study on Academic Achievement of Mathematics and English with Other Subjects of Secondary Level in BTR of Assam, India, Using Mahalanobis Distance, Education Research International, Hindawi, Vol. 2022.
3. A. Ali, S. Molla, F. Rahaman, M.R. Amin, G. Mandal, S. Ray, Dilaton-Axion Black Hole under the Solar System, New Astronomy, 83(2021) 101494.
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Book Chapters

1. **Z. Hasan**, N.A. Khan, S.H. Jhung, Adsorptive purification of organic contaminants of emerging concern from water with metal–organic frameworks, *Contaminants of Emerging Concern in Water and Wastewater*, 47-92,1,2020
2. **N.A. Khan**, **Z. Hasan**, I. Ahmed, S.H. Jhung, Metal-organic frameworks for nanoarchitectures: nanoparticle, composite, core-shell, hierarchical, and hollow structures, *Advanced Supramolecular Nanoarchitectonics*, Elsevier,151-194
3. N. Uddin, T. Acter, Chapter 1 - An overview of global epidemics and the challenges faced, in: Le Gruenwald, Sarika Jain, Sven Groppe (Eds.), *Leveraging Artificial Intelligence in Global Epidemics*, Academic Press, Elsevier, 2021, pp. 1-27.

Conferences

Prof. Dr. Gurudas Mandal attended an international conference “International Conference on Recent Advances in Renewable Energy (RARE 2020)”, 7-9th February 2020, at NITK, Surathkal, India as a keynote speaker; he was the chief guest in the closing ceremony of the conference. He delivered his keynote speech on “Prospects of renewable energy sector in Bangladesh” in the conference. He also served as the program chair in one of the sessions.



Closing ceremony of the RARE-2020 conference where Dr. Gurudas Mandal was the chief guest.

Dr. Md. Sohel Rana, Associate Professor, Department of Mathematical & Physical Sciences, EWU, presented his paper on “Robust Normality Test in the Presence of Outliers” in the “International Conference on Mathematics, Statistics, and Data Science (ICMSDS) 2020, IPB University, Indonesia” held on 11-12 November, 2020.



Dr. Md. Sohel Rana presented his paper on “Detection of Outlier in High-Dimensional Multivariate Data” in the “INSPEM’S online weekly seminar (21/2020)” held on 17 July 2020; it was organized by Institute for Mathematical Research (INSPEM), University Putra Malaysia.

Rana, A. Bagheri, (2020). Detection in Poisson Regression Model: Evidence from Bangladesh Demographic and Health Survey Data, Proceedings of the ISI world statistics congress 2019, 18-23 August 2019. Volume 1, pp. 384- 391.

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A. K. M. Nazimuddin, M. H. Kabir, M. O. Gani (2021). Stability of Periodic Traveling Wave Solutions in Three-Component Brusselator Reaction-Diffusion Model, 22nd International Mathematics Conference, Virtual, December 10-11.

A. K. M. Nazimuddin, M. Humayun Kabir, M. Osman Gani (2021). Spiral Breakup Phenomenon of Brusselator Model Using Numerical Bifurcation Analysis, International Conference on Computational and Mathematical Biology (ICCMB 2021), Virtual, July 30-31.

Seminars

Dr. Jahirul Islam Khandaker, Professor, Department of Physics, Jahangir Nagar University, delivered a webinar entitled “Synthesis of V_2O_5 - δ nanoparticles by PPL method” on July 8, 2021.

Sayed Asaduzzaman, Assistant Professor, Department of Computer Science and Engineering (CSE), Rangamati Science and Technology University, delivered a talk entitled “Trending Research Scopes and Applications of Photonic Crystal Fiber” on August 5, 2021.

Dr. Rabindra Nath Mondal, Professor, Department of Mathematics & Dean, Faculty of Science, Jagannath University delivered a talk entitled “Flow with Convective Heat Transfer through a Rotating Curved Channel” on August 26, 2021.

Dr. Fazlul Karim, Associate Professor, EWU, delivered a speech on “Mixed Convection Heat Transfer in a lid-driven Enclosure with a Double-Pipe Heat Exchanger” on March 10, 2022.

Achievements

Dr. A. K. M. Nazimuddin, Assistant Professor, Department of Mathematical and Physical Sciences, East West University, received his PhD degree in Applied Mathematics from the Department of Applied Mathematics, University of Dhaka, Bangladesh in 2020. His PhD thesis title was “Legendre and Isotropic Submanifolds in Contact and Riemannian Geometry with Modern Developments”. His Ph.D. supervisor was Prof. Dr. Md. Showkat Ali, Department of Applied Mathematics, University of Dhaka.

Dr. Zubair Hasan and Dr. Nazmul Abedin Khan, Assistant professors, Department of Mathematical and Physical Sciences, East West University, have been featured among the ‘World’s Top 2% Scientists’ list created by the Stanford University of USA. It’s due to their remarkable contribution in research (around 140 articles, 10 review articles, 3 book chapters, 5 scientific patents) in the field of Environmental Chemistry that has generated more than 10,000 citations. Recently, they are working together to remove various toxic components from water/liquid fuel, which is facilitated by East West University.

Dr. Nazmul Abedin Khan, Assistant Professor, Department of MPS, was ranked 11th position in Bangladesh and 1st position in EWU in World Scientist and University Ranking-2021 by AD Scientific index.



Dr. Zubair Hasan and Dr. Nazmul Abedin Khan

Dr. Zubair Hasan, Assistant Professor, Department of MPS, was awarded a prestigious “TWAS Atta-ur-Rahman Award” in Chemistry, 2021 for his contribution to “the utilization of Metal Organic Frameworks (MOF)/modified MOFs for the removal of emerging contaminants such as pharmaceutical and personal care products”. THE WORLD ACADEMY OF SCIENCES (TWAS) announces this award every year for the young chemists from developing countries.

Higher study

- **Md. Sahidul Islam**, Senior lecturer, Department of MPS has been awarded MEXT scholarship to pursue Ph.D. in Japan, Department of Mathematics and Physics, Kanazawa University.
- **Ms. Afsana Al Sharmin**, Senior lecturer, Department of MPS has been awarded a full funded scholarship to pursue Ph.D. in University of Putra Malaysia, Malaysia.
- **Mr. Kazi Farhad Mahmud**, Senior lecturer, Department of MPS has been awarded a full funded scholarship to pursue Ph.D. in University of Kansas, USA.
- **Saima Jahan**, Senior lecturer, Department of MPS has been awarded a full funded scholarship to pursue Ph.D. in Universiti Kebangsaan Malaysia, Malaysia.
- **Ms. Nazia Afrin**, Senior Lecturer, Department of MPS has been awarded a full funded scholarship to pursue Ph.D. in University of Lafayette, USA.
- **Ms. Sakiba Shahnaz**, Senior lecturer, Department of MPS has been awarded a full funded scholarship to pursue Ph.D. in University of Waterloo, Canada.

Department of Students' Welfare

Career Counseling Center

Training

Employability Skills Development Program



Wadhvani Foundation, a US based Non-Profit organization in collaboration with the Career Counseling Center has launched a program covering 21st Century's Core Employability Skills Courses. on 14 March 2022.

Seminar/Workshop

Workshop on Branding in Metaverse



A workshop named 'Branding in Metaverse' was held at S.M. Nousher Ali Lecture Gallery on 21 March 2022. The chief guest speakers were Mr. Ashrafal Insan Evan, Seasoned Brand & Marketing Professional and Mr. Shamsul Arifin, Department Head, 3D Animation & Visualization.

Know Your Opportunities at EMK Center



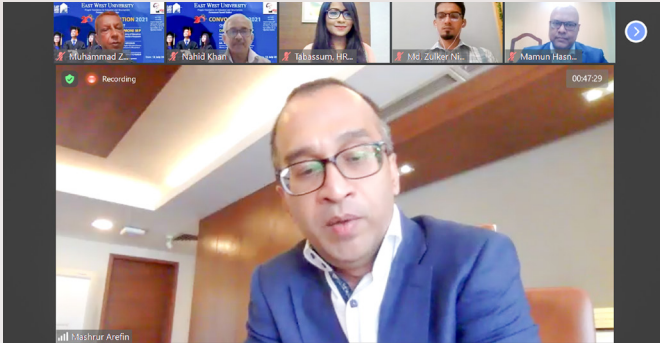
The EMK Center, in association with East West University Career Counseling Center, organized a session titled 'Know Your Opportunities' on 22 March 2022 at S.M. Nousher Ali Lecture Gallery. The guests from the EMK Center were Mr. Md Ashfaqur Rahman (MakerLab Coordinator), Ms. Shamsun Nahar (MakerLab Outreach Officer), Mr. Rizoun Haque Tohin (EducationUSA Counsellor & EWU Alumni), Ms. Aisha Siddiqua (Assistant of Program Department), and Nasrin Jahan (Intern of MakerLab from EWU).

Job Placement

Career Counseling Center is glad to inform you that EWU graduates are now working at such places as Algo Solver, American Best IT, Arla Food, Banglalink, bKash Limited, Citibank NA, Eastern Bank, eZone (for bKash), E-Zone HRM

Limited, Foodpanda, Healthex, IDLC Finance Limited, Iffad Autos, IFIC Bank, International Development Enterprises, Kholabazaar International Limited, Le Méridien, Magnito Digital, Maliha Poly Tex Fiber Industry Ltd., Marico Bangladesh, MGH Healthcare Limited, Midland Bank, Mondol Group, NCC Bank, Paramount Textile, Pran RFL, Pushpodhara Properties Ltd., Quantanite Bangladesh, Rackitt Benckiser, RedEx Courier Service, Robi Axiata, Samsung Mobile, Shanta Asset Management Ltd., ShopUp, SOLVERS, Stata IT Limited, Strategic Finance & Investments Ltd., Synesis IT Ltd., Tiger China Energy Co. Ltd., Tiger Soft, Walletmix, Walton Group

Meet the CEO: The City Bank Limited



City Bank Limited, with the support of the Career Counseling Center, East West University organized an online session titled “Meet the CEO: A Digital Master Class” exclusively for EWU students on 14 July 2021. The session was conducted by Mr. Mashrur Arefin, Managing Director & CEO, City Bank Limited.

Career Talk -BRAC Bank



BRAC Bank Ltd., with the support of EWU Career Counseling Center, arranged a virtual career show titled “CAREERTalk” for the graduates and graduating students of East West University on 15 July 2021.

“Thank You EWU” –EBL

Eastern Bank Limited organized a Facebook live session titled “Thank You EWU” with the help of EWU Career Counseling Center on 17 July 2021. The program was conducted by Mr. Monjurul Alam, Head of Human Resources, Eastern Bank Ltd. Mr. Alam shared with the students that more than 100 EWU graduates are working at the EBL. He thanked the East West University for creating such qualified graduates. Professor Dr.

Muhammad Ziaulhaq Mamun, Pro-Vice-Chancellor, East West University was present at the program and shared valuable speech to the audience.



Employability Mapping



Bangladesh Skill Development Institute (BSDI), in cooperation with CCC, organized an online session named ‘Enhancing Employability’ on 23 October 2021. Mr. K M Hasan Ripon, mentor and author of Book Employability facilitated the session.

A ‘meet and greet’ with the Cultural Affairs officials, U.S. Embassy Dhaka

On behalf of EWU, the Adviser of the Department of Students’ Welfare met the Cultural Affairs Officer, Ms. Sharlina Hussain Morgan, Cultural Affairs Officer, Ms. Khadija H Mohamud and other officials of U.S. Embassy Dhaka, along with the representatives from four other prominent universities of Bangladesh on 21 September 2021. In the meeting, they shared information about their scholarship programs and various seminars and sessions for prospective Bangladeshi students.

EWU participated in the IC4IR organized by UGC Bangladesh



The Department of Students' Welfare of East West University participated in "Mujib 100 Industrial Exhibition-IC4IR (International Conference on 4th Industrial Revolution and Beyond) 2021", organized by the University Grants Commission (UGC) of Bangladesh. It took place on 10-11 December 2021. His excellency, Honorable President M Abdul Hamid addressed in the inaugural ceremony virtually as the Chief Guest on 10 December 2021, while Prime Minister Sheikh Hasina addressed in the closing ceremony virtually on 11 December 2021. Dr. Dipu Moni MP, Honourable Minister,



Ministry of Education, Mr. Mohibul Hassan Chowdhury MP, Honourable Deputy Minister, Ministry of Education, Mr. Zunaid Ahmed Paak MP, Honorable State Minister, Minister of State for Information and Communication Technology (ICT), Professor Dr. Kazi Shahidullah, Chairman, University Grants Commission of Bangladesh visited the EWU booth.

Internship and Job Placement

EWU graduates are now working at such places as Aarong, ACNABIN Chartered Accountants, Ada, ADON Communications Ltd, Akij Bakers Limited, Akij Beverage, Akij Group, Al Arafah Islami Bank, ALMIR & UPSERVICE, Ample Biz Distribution (Jogaan), Amtex Sourcing Ltd., Anwar Group, Aqua Paints, Asian Paints Bangladesh, Avijatrik, Axiata Digital Bangladesh, Backspace Graphic, Bangladesh Commercial Bank, Bangladesh Red Crescent Society, Banglalink, Bank Asia Limited, Bengal Bank, Bengal Group of Industries, Bengal Telecommunication and Electric Corp (Betelco), Biman Bangladesh Airlines, Bismillah Telecom, bKash Limited, bKash Ltd., British American Tobacco Bangladesh CEMS Ltd., CHUNG HUA Aluminum Industry Ltd., CKH Network, Concord Group, Daraz Bangladesh, Daraz Bangladesh Ltd., Datapath Ltd., Dhaka Bank Limited, Dhaka Digital Marketing Solutions, Digi Ad Ltd. DOER Service Ltd., Dot Net Group, Drobboo Limited, Eastern Bank Ltd., EBL Investment Ltd., Elson Food, Energypac, Esquire Electronics Ltd., Evaly.com.bd, EXIM Bank Ltd., First Security Islami Bank, Foodpanda, Global Islamic Bank, Globe Pharma Group of Company, grow n excel, Hams Group, Howlader CA, IDLC Finance, IDLC Finance Ltd., IFAD Autos, IFIC Bank limited, Interspeed, IPDC

finance limited, Islami Bank Bangladesh limited, Jamuna Bank Ltd., Jatri, Jiban Bima Corporation, JMI Group, Kaizen IT Ltd, Karnaphuli Fertilizer Company Limited (KAFCO), Lie To Eye, Link3 Technology, M. Network Ltd. (Aman Group), M.R. Fabrics Ltd., Mams Group, Mashreq Bank, Maz Infrastructure Limited, MBA Bangladesh, Meghna Bank Ltd., Meghna Group, Mercantile Bank, Midland Bank, Midland Bank, Mina Bazar, Modhumoti Bank Limited, Mutual Trust Bank, Nagad, National Bank Limited, NCC Bank Ltd., NESCO Ltd. [Salbagan sub station and construction company, Rajshahi-6203], NRB Commercial Bank Ltd, NRBC Bank, ONE Bank, Paramount Textile Ltd., Phoenix Finance and Investments, Prime Finance & Investment Limited, Prime Insurance Company limited, Pubali Bank Ltd., Rancon Auto Industry Ltd, RedEx Courier Service, Robi Axiata Limited, Rose Cafe Bangladesh Ltd, RPS Digital, Niketon, Runner Group, Salextra Limited, Shahjalal Islami Bank, Shanta Asset Management Ltd., shidhirganj 335MW combined cycle power plant, EGCB, Shimanto Bank Limited, Shohoz Ltd, Sindabad.com Ltd., SMC Enterprise Ltd., Social Islami Bank Ltd., Solver, Sonali Bank Ltd., Southeast Bank Ltd., Stata IT limited, Strategic Finance and Investment Ltd., Tait Logistics, Titas 50 MW Peaking Power Plant [Gouripur, Titas, Comilla-3517], Transcom Beverage, Trust Bank Ltd., Unilever, United Commercial Bank, United Commercial Bank, UPAY, Uttara Bank, Walletmix Limited, Walton Group, Yeamin Travel Intl.



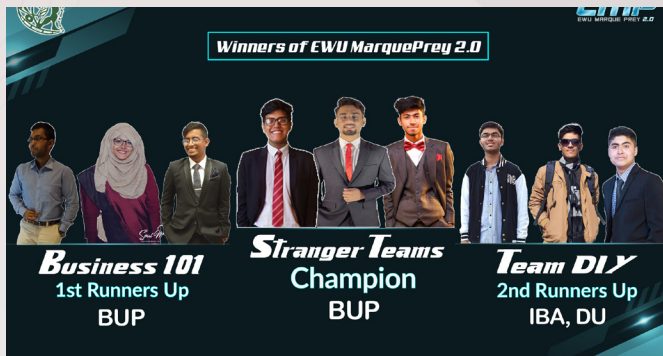
Interactive Session with Parents

An interactive session with parents was organized by East West University Career Counseling Center on 28 January 2020, that gave the university authority to learn the parents' expectations from East West University. The program was conducted by Professor Dr. Salim Rashid.



Agro Industrialization Club

Branding Competition



“EWU MarquePrey 2.0” has concluded its 2nd season with the glory of success was held from 1st August to 31st August, 2020. The competition was organized by the East West University Agro Industrialization Club with the objectives of creating a realization of the importance of agro-based branding and enhancing the knowledge of agro branding among the youth.

FSIBL Agro Talk 2021

To commemorate East West University Agro Industrialization Club’s 10th entitled year anniversary, the club organized an online event “FSIBL Agro Talk 2021” powered by First Security Islami Bank Limited on 24th April 2021, The event was dedicated to the centennial birth anniversary of the Father of the Nation Bangabandhu Sheikh Mujibur Rahman.



Business Club

Brand Aid 2020



East West University Business Club has inaugurated, for the second time, ‘Brand Aid- an intra university business strategy

competition’ powered by SPEED was held from 25th February to March 09, 2020. Brand Aid’s theme is based on how a company should proceed while facing a brand crisis.

Digital Marketing: ‘The Game Changer’



East West University Business Club organized a Two day session on Digital Marketing for the students of East West University The webinar on Digital Marketing was held on 25th-26th June,2021.

Unilever at EWU: Mastering the Art of Interviews



East West University Business Club in collaboration with Unilever Bangladesh Limited to conduct a webinar session on “Mastering the Art of Interviews” on 4th of July, 2021. It was inaugurated with the welcome address of Sabera Haque, Brand Manager, Lifebuoy Global, Unilever Bangladesh Limited.



Creative Marketing Club

Corporate Talks



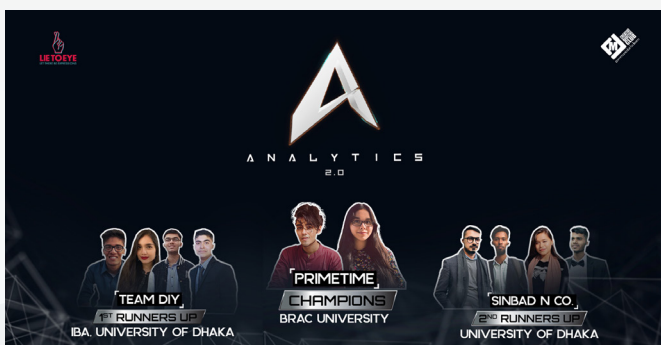
East West University Creative Marketing Club (EWUCMC) organized a live talk show entitled 'Corporate Talks' on June 12, 2020. The chief guests of the sessions were Sheikh Atiqul Alam, Trade Marketing Manager, Arla Food Bangladesh Ltd., Mohammed Maheer Tazoe, Channel & Category Development Manager, Unilever Bangladesh Ltd., Amitabh Roy, General Manager, Finance & Accounts, bKash Ltd.

Succeed With Supply Chain



East West University Creative Marketing Club organized a Facebook live session named "Succeed with Supply Chain" on 12th August 2020. The session shed lights on the basic concept of Supply Chain and how it works in a company's operation process.

ANALYTICS 2.0



East West University Creative Marketing Club set a benchmark once again by giving rise to Nation's Biggest Digital Marketing Competition "ANALYTICS 2.0" The Grand Finale was divided in two phases. Phase-1 took place on 19th July,2021 and Phase-2 was held on the 31st of July 2021.



Computer Programming Club

Workshop on Graphics Design and Landing Page Design

East West University Computer Programming Club (CoPC) arranged a workshop titled "Workshop on Graphics Design and Landing Page Design" on 22nd& 23rd January, 2020.

21st Century Resume Writing

East West University Computer Programming Club arranged a workshop titled 21st Century Resume Writing on 17th February, 2021.



IP Technology in Telecommunication

EWU Computer Programming club organized a virtual workshop on IP Technology in Telecommunication on 4th August 2021.





Club For Performing Arts

10 years of legacy of ECPA



East West University Club for Performing Arts (ECPA) has completed their 10 years of success. To celebrate this event, ECPA organized a memorable evening on 15th January, 2020.



Ekush: Projonmo theke projonmo



On 21st February 2021, ECPA organized a program named ‘২১: প্রজন্ম থেকে প্রজন্ম’, ECPA arranged recitation, dance, and music.

Shopnodroshtar Proyan

15th August is the darkest day in the history of Bangladesh. East West University for Performing Arts (ECPA) remembered the Father of the Nation Bangabandhu Sheikh Mujibur Rahman through a cultural program called ‘Shopnodroshtar Proyan’ on 15 August 2021. This time, ECPA has remembered the father

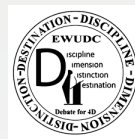
of the nation through presenting a drama called ‘Shomaptir Oshomapti’.



50 er Alokbotika



On 16th of December, 2021, ECPA organized cultural program entitled “50 er Alokbotika” to celebrate the 50th Victory Day of Bangladesh. The audiences remembered the supreme sacrifice of patriotic heroic sons, daughters of the nation.



Debating Club

Online Show Debate: Muktir Halkhata 2020

INTER DEPARTMENT DEBATE CHAMPIONSHIP
FINALISTS (ENGLISH SEGMENT)

2nd Position

Nishat Anjum Nayemur Rahman
Team British American Debaters (BAD)
Department of Business Administration

3rd Position

Shahjadi Fananna Kotha Sanjeda Sara
Team Debate lover
Department of CSE

4th Position

MD Mehrab Khan Adon
Team Dynamics
Department of Economics

On 26th March, 2021, East West University Debating Club (EWUDC) organized an online show called “Muktir Hakkhata” debate event.



EWU Debate Team Excelled In “Asian University for Women (AUW) IV 2021”

A team from East West University Debating Club secured the finalist position in the prestigious national debate tournament named “Asian University for Women (AUW) IV 2021”.

Mujib Borsho: EWUDC Projonmo Bitorko

On the occasion of the golden jubilee of victory and the birth centennial of Bangabandhu Sheikh Mujibur Rahman, the Father of the Nation, East West University Debating Club organized the “Mujib Borsho : EWUDC Projonmo Bitorko “ on 16 December 2021. On the concluding day of the event, freedom fighter Momtaz Ara Rumi, renowned writer Jhorna Rahman and freedom fighter, Haroon Habib joined the event as guests.



Economics Club

NatEcon 2021: National Economics Contest 2021

EWUEconClub started the New Year 2021 with their first ever national contest under the banner “NatEcon 2021” on January 1st, 2021. The competition officially started from 21st January, 2021 and ended on 5th February, 2021.

Excelonomics 1.0



On the 6th and 7th of August, 2021, East West University Economics Club launched a workshop on Microsoft Excel titled “Excelonomics 1.0”.

Bijoyer 50 Borshe Amader Orthoniti

On 16 December 2021, East West University Economics Club prepared an exhibition commemorating Bangladesh’s economy’s 50th anniversary. The event was called “Bijoyer 50 Borshe Amader Orthoniti”. Club members were present to discuss the significance of each section.



Electronics Club

Workshop on MATLAB



East West University Electronics Club arranged a workshop on “MATLAB” on 2nd of February, 2020. The workshop was conducted by Mohammad Ryyan Khan, Assistant Professor, department of EEE.

Countdown Board to Celebrate ‘Mujib Barsha’

To celebrate the birth centenary of the Father of the Nation Bangabandhu Sheikh Mujibur Rahman members of EWU Electronics club along with other students of EWU designed a countdown clock panel at the entrance of the university. Prof. Dr. M.M. Shahidul Hassan, Vice Chancellor, EWU, along with the President of EWU Electronics Club, officially inaugurated the countdown panel on 25th February, 2020. Prof. Dr. Muhammad Ziaulhaq Mamun, Pro Vice Chancellor, A. Z. M. Shafiqul Alam, Treasurer, Mohammad Eklas Uddin, Director of Finance, Mashfiqur Rahman, Registrar, Farida Yasmin, Controller of Examinations, Nahid Hassan Khan, Advisor, DSW and Head of CCC, M Saddam Hossain Khan, Moderator, EWU Electronics Club and members of the club were also present.



TREASURE HUNT – SEASON-4



On 1st March of 2020, East West University English Conversation Club (EWUECC) organized one of its signature events entitled “Treasure hunt -Season 4”.

Let’s Talk Sports

On 29th December, 2020, East West University English Conversation Club (EWUECC) arranged another segment of its biggest and signature event from “Let’s Talk” series called “LET’S TALK SPORTS”.

LET’S TALK PRONUNCIATION

On 4th January, 2021, East West University English Conversation Club (EWUECC) arranged another segment called “Let’s Talk” series, “LET’S TALK PRONUNCIATION”.



Art Competition



On 21st February, 2020, to honor of the Language Martyrs and to commemorate the International Mother Language Day, the members of the East West University Environmental and Social Club and the students of the East West Biddyaniketon along with their Principal Bristy Dutta offered bouquets at the premise of Shahid Minar in the East West University Campus. Afterwards, an art competition was organized by EWUESC in the CCC lobby for the students of the East West Biddyaniketon.

Bangabandhu Tree Fair

On the 4th and 5th of March, 2020 to uphold the spirit of “Mujib Year”, East West University Environmental and Social Club organized their one of the signature programs called “Bangabandhu Tree Fair”. The main purpose of the fair was to encourage the young generation to plant more trees.



Zero Waste

An eco-friendly competition entitled ‘Zero Waste - Earth Day Pledge’ was organized by East West University Environmental and Social Club on 24th April - 30th April, 2021.



Investment and Finance Club

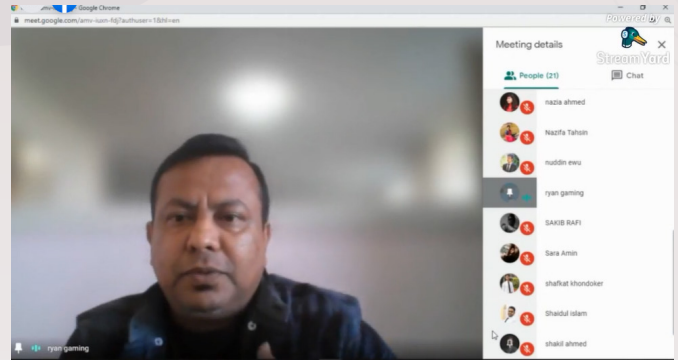
Supply Chain Finance: The Forefront of Global Trade

East West University Investment and Finance Club became a part of the ‘New Normal’ by arranging an advanced and comprehensive online workshop “Supply Chain Finance: The Forefront of Global Trade” conducted by IDLC Finance Limited. It took place on July 10, 2020.



Webinar

Focusing on worldwide trending career opportunities, East West University Investment and Finance Club arranged a webinar on “Career Opportunities and aspects of Real Estate Finance” on 19th September 2020. It was conducted by MD Ashraful Kabir, Senior Specialist - Mortgage and Real Estate Financing, CIBC Bank, Canada.



The FinTech Week 2021



To commemorate Club’s 5th year of January, East West University Investment & Finance Club fortuitously launched “The FinTech Week 2021: A Series of Learning Festival for Finance and Technology Enthusiasts’ on 3-5 August, 2021.



IEEE Student Branch

Webinar on “Women Contributing to the Engineering-Based Profession and Research”

On 26th February, 2021, IEEE East West University Student Branch arranged a webinar on “Women Contributing to the Engineering-Based Profession and Research”. The speakers were Dr. Maheshi B. Dissanayake Senior Lecturer, Department of EEE, University of Peradeniya, Sri Lanka). Samantha Lubaba Noor Graduate Research Assistant at Nanoelectronics Research Lab, School of ECE, Georgia Institute of Technology.

Anupreronar Majhe Ek Tukro Shadhinata

To celebrate the golden jubilee of the independence day of Bangladesh, the IEEE Ewu Student

Branch and East West University Robotics Club jointly launched an event titled “Anuprerona Majhe EkTukro Shadhinata” on 26 March, 2021. The guest panel included the Founding Vice-Chancellor of East West University, Dhaka. Dr. Mohammed Farashuddin, award-winning Bangladeshi singer Mr Fakir Alamgir, freedom fighter and Senior Assistant Director of The Daily Kaler Kantha, Md. Farhad Uddin Sarker, and Professor Mohammad Golam Rabbani, a faculty member of the Department of History, Jahangirnagar University, Bangladesh.



Webinar on Benefits of Joining IEEE PES and its Opportunities



IEEE East West University Student Branch invited Dr. Edvina Uzunovic (IEEE PES Vice President), The webinar took place on 4th of April, 2021.



Model United Nations Club



Mock Mun 2020

From 21st to 23rd January, 2020, EWUMUNC arranged a 3-day workshop on the rules and procedures of MUN conferences for all the members of the club.

Online Workshop Session on Basic Photoshop

From 6th to 7th June, 2020, EWUMUNC arranged a 2-day online workshop on “Basic Photoshop”.



Photography Club

The workshop entitled “Photography Composition”



A workshop on photography organized by East West University Photography Club (EWUPC) was held in the EWU premises on 29 February, 2020.



Rotaract Club

Blood Donation Camp Spring 2020

On January 20, 2020, Rotaract Club of East West University organized Blood Donation Campaign Spring 2020 which was supported by The Police Blood Bank. Rotaract Club of EWU successfully collected more than 100 bags of blood.



Chetonar Bijoy

On 16th of December, 2020, Rotaract Club of East West University successfully organized an online program namely “Chetonar Bijoy”.

Prochesta



On 9th May, 2021, the Community Service Committee of Rotaract District 3281 organized an event called “প্রচেষ্টা” to distribute Eid gifts to unprivileged people. The Rotaract Club of East West University joined as a co-host of that program.



Robotics Club

Workshop on Basic and Advanced Python

EWU Robotics Club organized a “Basic and Advanced Python” workshop to give an idea of primary and advanced python programming language. on 14-15 February, 2020.

Practical Robotics and Electronics Workshop for beginners

Practical Robotics & electronics Workshop for Beginner's

Duration: 4 days
Date: 5,6,12,13 March

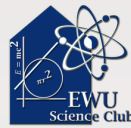
Time: 10am-4pm
Break time: 12.30pm-2pm
Platform : Online

EWU Robotics Club arranged a “Practical Robotics and Electronics Workshop for Beginners” on March 5, 2021. The workshop’s primary objectives were to introduce practical robotics and electronics to the students of EWU.

Robotics Exhibition and Project Showcase 2021



On the Victory Day of Bangladesh, East West University Project Showcase 2021”. EWURC displayed three unique projects.



Science Club

Workshop on Basic Python Programming

on 12-13 March, 2021, East West University Science Club organized a workshop to clarify the basics of Python Programming Language to the students.

Workshop on Basic Graphics Learning

EWU Science Club organized the workshop on Graphics Design. The workshop was held on 17th July, 2021. In the workshop some important topics such as selection tools, direct selection tools, lasso tools zooming inter tools, pen tools, font change, size change, drop tools, gradient, text tools, brush tools, fill, stroke, color were covered.

Bangabondhu O Ekti Shopner Naam Bangladesh



EWU Science Club has organized a program named “Bangabandhu O Ekti Shopner Naam Bangladesh” for the 50-year celebration of the victory of Bangladesh. It took place on 16th December, 2021. A documentary on “Bangabandhu Satellite” was shown at the beginning of the event. After that a quiz competition was held.



Sociology Club

Modhur Amar Mayer Bhasha: Bhasha o Ostitter Shongkot 2021

SCEWU organized a webinar entitled “Modhur Amar Mayer Bhasha: Bhasha o Ostitter Shongkot 2021” on 21st of February, 2021. The occasion was graced by eminent journalist and writer Dr. Zaheed Reza Noor who highlighted the history of the movements taken up by the Bengalis in different periods of time.



Bangabandhu and Bangladesh: Thoughts of Birth Centenary and Golden Jubilee

SCEWU organized a webinar entitled “Bangabandhu and Bangladesh: Thoughts of Birth Centenary and Golden Jubilee” on the 13th of March, 2021. The occasion was graced by eminent freedom fighter, educationist, and actor, Professor Ziaul Hasan (Kislu).

Amar Desh Amar Potaka



East West University Sociology Club organized a campaign named “Amar Desh Amar Potaka” on 16th December, 2021 at the campus premises.



Sports Club

BANGABANDHU INTRA BADMINTON



East West University Sports Club organized “Bangabandhu Intra Badminton 2020” on 23rd January 2020 Ewu campus. The matches were held in six segments: Boys Single.

EWU WINTER SMASH 2020

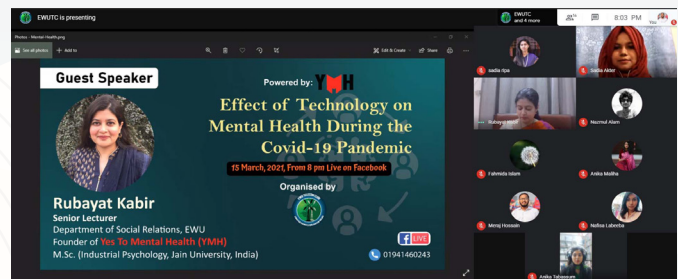


East West University Sports Club successfully organized the event “EWU WINTER SMASH” on March 5-10, 2020. There were 83 teams from 48 universities.



Telecommunication Club

Effect of Technology on Mental Health during the Covid-19 Pandemic





East West University Telecommunications Club organized a virtual session on “Effect of Technology on Mental Health During the Covid-19 Pandemic”. This program was held on 15th March 2021.

Seminar on Information Security Awareness

East West University Telecommunications Club organized a virtual seminar on “Information Security Awareness”. This program was held on 16th July, 2021. The Guest Speaker was Muhammed Abdullah Al Mamun, Head of Information Security, Community Bank Limited, former Unit In-Charge Information Security BRAC Bank Limited. And the special guest was Md. Sharif UI Hassan, Consultant, ADB.

Mujib Borshe Digital Nirapottay Bangladesh

EWUTC organized a seminar and talk show on “Mujib Borshe Digital Nirapottay Bangladesh” based on cyber security. The main topics of the seminar was on the progress of digital security since 1971, the role of cyber security in construction of the Digital Bangladesh on the golden jubilee of independence and the scope of career development in the field of cyber security for our young generation. This event was held on 16th December 2021 on the occasion of Victory Day of Bangladesh in the East West University premises.



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