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# VC NEWSLETTER





# MESSAGE FROM THE VC

Our VC Newsletter is gradually expanding, thanks to your ongoing engagement. We recently emailed you for your suggestions on how to improve the Newsletter, and thank you to all who have shared their thoughtful feedback. Following your feedback, we are pleased to introduce a new section titled 'Research Highlight' dedicated to showcasing outstanding research and research grants secured by our esteemed faculty members in each edition.

In this edition, we are delighted to feature Dr. Zubair Hasan and his team, who have been awarded a significant research grant of 3.5218 crore BDT under the HEAT project of the University Grants Commission (UGC) of Bangladesh. This achievement is particularly noteworthy for EWU, as the project was selected from among 1,481 proposals, making it one of only 151 to receive funding.

I believe that departments are already taking commendable initiatives by organizing research seminars. I cannot emphasize enough how crucial these seminars are - not only in promoting the scholarly work of our faculty members, but also in encouraging prominent researchers from outside the university to visit and present at EWU. I encourage you to further strengthen these efforts. Additionally, I request every department to enhance its research profile by hosting international research conferences, which will ensure greater visibility and collaboration opportunities for our university.

Let us continue working together to raise the bar of academic excellence at EWU.

Professor Dr. Shams Rahman  
Vice Chancellor  
East West University

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# RESEARCH HIGHLIGHT

## From Waste to Value: Securing the HEAT Project for Sustainable Energy and Environmental Solutions



We are thrilled to announce that a multidisciplinary team from East West University, including Dr. Zubair Hasan (MPS), Dr. Choudhuri Faiz Hossain (Pharmacy), Dr. Nazmul Abedin Khan (MPS), and Dr. Sadik Rahman (Civil Engineering), has secured a prestigious research grant for their project, titled "Development of Carbon-Based Porous Materials from Waste Resources for Sustainable Energy, Environmental, and Desalination Applications." The project, which received 3.5218 crore BDT in funding, is part of the HEAT (Higher Education and Academic Transformation) initiative.

This pioneering research will focus on converting locally abundant waste into highly valuable, porous carbon materials. The team aims to address key environmental challenges by utilizing the 3R principle (Reduce, Reuse, Recycle), which is central to the project's mission. By transforming waste into high-value products, the research will help reduce pollution, minimize the environmental footprint of waste, and repurpose materials that would otherwise be discarded. Additionally, the conversion of waste into sustainable carbon-based materials offers innovative solutions for energy storage, environmental protection, and desalination technologies.

The project not only focuses on waste management and material transformation but also aligns with several United Nation's Sustainable Development Goals (SDGs). Specifically, it contributes to SDG 7 (Affordable and Clean Energy) by exploring new ways to enhance energy efficiency through carbon-based materials. SDG 11 (Sustainable Cities and Communities) is supported by the development of

environmentally friendly technologies that can improve urban waste management systems. Furthermore, the project aligns with SDG 12 (Responsible Consumption and Production) by promoting the responsible reuse and recycling of waste resources.

Jointly funded by the Government of Bangladesh (GoB) and the World Bank, the grant will enable the establishment of a state-of-the-art research laboratory at East West University, significantly enhancing the university's research capabilities. This new facility will serve as a hub for cutting-edge research, fostering collaboration and advancing innovation in material science and sustainable technologies. By strengthening the research infrastructure at EWU, the project will not only benefit the team but also provide broader opportunities for future research and academic development at the university.

This project was selected in an exceptionally competitive funding round, where only 10.2% of submitted proposals were awarded grants. This low success rate highlights the project's innovation and its potential to drive significant advancements in sustainable material science.

Looking ahead, the research aims to make substantial contributions to the development of novel carbon-based materials that can help tackle global environmental challenges. By promoting sustainability in material science, the project offers solutions that will have lasting benefits, not only for the local community but also for the broader global effort to mitigate climate change, enhance energy efficiency, and foster sustainable development.

# RESEARCH GRANT

Professor Dr. Dilara Begum, Chairperson, Department of Information Studies, and Md. Hasinul Elahi, Senior Lecturer, Department of Information Studies, received funds from East West University Centre for Research and Training (EWUCRT) for their research proposal “Perceived Service Quality of District Government Public Libraries in Bangladesh: An analysis through the lens of LibQUAL+.”



Dr. Shamim H. Ripon, Professor, Department of Computer Science and Engineering, has received a research grant from the East West University Center for Research and Training (EWUCRT) as the Principal Investigator for the project titled “A Brain-Computer Interface System to Control Wheelchair for Severe Mobility-Impaired Persons.”. The project aims to develop an intelligent assistive technology that allows individuals with severe mobility limitations to operate a wheelchair using brain signals, integrating advanced AI and neural signal processing. The research team also includes Dr. Ahmed Wasif Reza, Dr. Raihan Ul Islam, Dr. Mohammad Rifat Ahmmad Rashid (EWU), and Dr. Md. Golam Rabiul Alam (BRAC University).



## RESEARCH GRANT (CONTINUED)

Dr. Sadik Rahman, Assistant Professor, Department of Civil Engineering, East West University and his team received 25.15 lacs taka research grant from the Centre for Research and Training East West University (CRTEWU) for the research proposal, "Assessing the Reuse Potential of Water Collected from the Air Conditioning Units of East West University: A Pilot Study on Air Condensate Harvesting." The team includes Dr. Sadik Rahman, as PI, Dr. Mohammad Manzurul Islam, Assistant Professor, Department of CSE as Co-PI, Prof. Dr. Md. Sohel Rana, Department of MPS, Asso. Prof. Dr Abdullah Al-Mamun, Department of Civil and Environmental Engineering, KFUPM, Saudi Arabia as external collaborator.

Dr. Fakir Mashhuque Alamgir, Assistant Professor in the Department of Electrical and Electronic Engineering, has received a competitive research grant from the Center for Research and Training (CRT) for a project titled "Multimodal Fusion and Deep Learning for Early Detection of Glaucoma." The project will be conducted in collaboration with Mr. Abdur Rahman and Mr. Rizwan Shaik, both Lecturers in the Department of EEE. This interdisciplinary research initiative seeks to develop an advanced diagnostic framework that integrates multimodal data fusion and deep learning techniques to improve the early detection of glaucoma, with the broader goal of enhancing healthcare research and outcomes in Bangladesh.



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Uddin, M.S. (2026), "IoT-enabled wearable device for stroke rehabilitation at home," in Al-Humairi, S., Naronglerdrit, P., Chantarapanich, N. and Wanchat, S. (eds), *Robotics and IoT Synergy in Next-Generation Healthcare*, IGI Global Scientific Publishing, pp. 341–400.

Uddin, M.S. (2026), "Intelligent dietary guidance system for diabetes patients: A web-based solution," in Al-Humairi, S., Naronglerdrit, P., Chantarapanich, N. and Wanchat, S. (eds), *Robotics and IoT Synergy in Next-Generation Healthcare*, IGI Global Scientific Publishing, pp. 245–304.

# CONFERENCE PROCEEDING

Akter, S., Islam, Y., Maisha, M., Arefin, M.S. and Reza, A.W. (2025), "A novel association rule mining approach based on bio-inspired algorithms for air quality analysis in Dhaka, Bangladesh," in proceedings of *2025 International Conference on Quantum Photonics, Artificial Intelligence, and Networking (QPAIN)*, Rangpur, Bangladesh, 31 July - 2 Aug., pp. 1–6.

Al Kafi, G.M.A., Arefin, M.S. and Reza, A.W. (2025), "Mining association rules for ICU patients: Unveiling patterns in in-hospital mortality prediction," in proceedings of *2025 International Conference on Quantum Photonics, Artificial Intelligence, and Networking (QPAIN)*, Rangpur, Bangladesh, pp. 1–6.

Alina, T.A., Sen, P., Arefin, M.S., Reza, A.W. and Hussain, M.M.M. (2025), "Optimizing product recommendations: A genetic algorithm approach to collaborative filtering," in proceedings of *2025 International Conference on Quantum Photonics, Artificial Intelligence, and Networking (QPAIN)*, Rangpur, Bangladesh, 31 July - 2 Aug., pp. 1–6.

Begum, B. and Rahman, R. (2025), "Record management practices in higher education: A case study of LIS departments in public universities of Bangladesh (Invited Paper)," in proceedings of the *4th International Conference on Information and Knowledge Management (i-IKM)*, Dhaka, Bangladesh, 16–18 September, pp. 16–17.

Haque, M. M. (2025), "Perovskites – The Game Changer in Solar Energy: Progress and Challenges", in proceeding of *2025 International Conference on Quantum Photonics, Artificial Intelligence, and Networking (QPAIN)*, Rangpur, Bangladesh, 31 July – 02 August 2025, p. 18.

Jahan, N., Mehedi, C.M., Arefin, M.S., Uddin, M.B., Delowar, K.E. and Reza, A.W. (2025), "Discovering patterns in environmental data for air quality analysis using association rule mining," in proceedings of *2025 International Conference on Quantum Photonics, Artificial Intelligence, and Networking (QPAIN)*, Rangpur, Bangladesh, 31 July - 2 Aug., pp. 1–6.

Jahan, S., Masseran, N. and Zin, W. Z. (2025), "Enhancing Spatio-Temporal Prediction of Truncated Wind Speed in Bangladesh Using XGBoost Model," in proceedings of *19th National Conference*, Bangladesh-China Friendship Conference Center, Dhaka, Bangladesh, 22-23 August, p 98.

Johora, F.T., Arefin, M.S. and Reza, A.W. (2025), "Hybrid traffic flow analysis: Combining association rule mining and machine learning for urban traffic optimization," in proceedings of *2025 International Conference on Quantum Photonics, Artificial Intelligence, and Networking (QPAIN)*, Rangpur, Bangladesh, 31 July - 2 Aug., pp. 1–6.

Kundu, D., Das, J., Ali, M.S., Rumi, R.R. and Akter, S. (2025), "A Data-Driven Approach to Talent Management and Job Performance Prediction Using XGBoost in the Bangladeshi IT Sector," in proceedings of *4th International Conference on Information and Knowledge Management: From Access to Action – Rethinking Information Practices in an AI-driven Society*, East West University, Dhaka, Bangladesh, 16-18 September , pp. 99-100.

# CONFERENCE PROCEEDING (CONTINUED)

Latif, M.A. and Sultana, A. (2025), "Adoption of artificial intelligence (AI) in academic university libraries in Bangladesh: A pathway to smart services and digital evolution," in proceedings of *4th International Conference on Information and Knowledge Management: From Access to Action – Rethinking Information Practices in an AI-driven Society*, East West University, Dhaka, Bangladesh, 16–18 September, p. 101.

Muna, J. I. (2025), "Artificial intelligence in library and information science in South Asia: A bibliometric mapping of the knowledge landscape," in proceedings of *4th International Conference on Information and Knowledge Management: From Access to Action – Rethinking Information Practices in an AI-driven Society*, East West University, Dhaka, Bangladesh, 16–18 September, p. 89.

Rahman, R. and Chakrabortty, S. (2025), "Challenges and solutions in records management of student organizations: Insights from student clubs at East West University," in proceedings of the *4th International Conference on Information and Knowledge Management (i-IKM)*, Dhaka, Bangladesh, 16–18 September, p. 95.

Rahman, R. and Rahman, M.T. (2025), "Health service quality and accessibility for the third-gender community in Dhaka, Bangladesh: An application of the HEALTHQUAL model," in proceedings of the *4th International Conference on Information and Knowledge Management (i-IKM)*, Dhaka, Bangladesh, 16–18 September, pp. 36–37.

Raisa, R. N. (2025), "Generative AI in Academia: A Bangladeshi Perspective" in proceedings of the *4th International Conference on Information and Knowledge Management (i-IKM)*, Dhaka, Bangladesh, 16–18 September, p. 101.

Reza, R. B. and Tanzin, M. (2025), "Student perceptions of AI-generated assignments: A qualitative exploration," in proceedings of the *4th International Conference on Information and Knowledge Management (i-IKM)*, Dhaka, Bangladesh, 16–18 September, pp. 49–50.

Saifuddin, S., & Zaman, L. (2025), "Clicks to connections: Exploring networking behavior, social media, and career benefits in Bangladesh," in proceedings of the *85th Annual Meeting of the Academy of Management (AOM)*, Copenhagen, Denmark.

Shirasaka, H. and Rahman, R. (2025), "Artificial intelligence and intellectual property transformation: Collaborative perspectives from Japan, Bangladesh, and other countries," in proceedings of the *4th International Conference on Information and Knowledge Management (i-IKM)*, Dhaka, Bangladesh, 16–18 September, p. 15.

Sultana, A. (2025), "Practices of organizational behavior in Bangladesh's private sector- growing field: A review," in proceedings of *4th International Conference on Information and Knowledge Management: From Access to Action – Rethinking Information Practices in an AI-driven Society*, East West University, Dhaka, Bangladesh, 16–18 September, p. 87.

Sultana, J., Akther, S., Arefin, M.S. and Reza, A.W. (2025), "Association rule mining on noisy synthetic data: Challenges and solutions," in proceedings of *2025 International Conference on Quantum Photonics, Artificial Intelligence, and Networking (QPAIN)*, Rangpur, Bangladesh, 31 July - 2 Aug., pp. 1–6.

# CONFERENCE PROCEEDING (CONTINUED)

Symon, N.K., Tasnim, F., Mehedi, C.M., Arefin, M.S. and Reza, A.W. (2025), “TSD\_XAI: Integrating XAI with transformer networks for interpretable sarcasm detection,” in proceedings of *2025 International Conference on Quantum Photonics, Artificial Intelligence, and Networking (QPAIN)*, Rangpur, Bangladesh, 31 July - 2 Aug., pp. 1–6.

Uddin, M.B., Delowar, K.E., Arefin, M.S., Jahan, N., Mehedi, C.M. and Reza, A.W. (2025), “Uncovering complex stroke risk patterns using association rule mining on synthetic and real-world health data,” in proceedings of *2025 International Conference on Quantum Photonics, Artificial Intelligence, and Networking (QPAIN)*, Rangpur, Bangladesh, 31 July - 2 Aug., pp. 1–6.

Zaman, L., & Saifuddin, S. M. (2025), “Informal networking and social media on women’s career development in STEM fields in Bangladesh,” in proceedings of the *18th Equality, Diversity & Inclusion (EDI) Conference*, Athens, Greece.

# CONFERENCE PRESENTATION

Afrin, M.R., Hossain, C.F., Watanabe, K. (2025). "Aqueous extract of Achyranthes aspera roots attenuates colon inflammation and apoptosis in dextran sulfate sodium-induced colitis in mice," paper presented at the *ACS Fall 2025 Meeting*, Washington, DC, USA, 17-21 August.

Afrin, M.R., Safiullah, A., Jashim, J.B., Hossain, C.F. (2025), "Isolation and identification of secondary metabolites of Cayratia trifolia leaves and evaluation of their analgesic and anti-inflammatory activities," paper presented at the *ACS Fall 2025 Meeting*, Washington, DC, USA, 17-21 August.

Aziza, K.A., Sakib, M.A., Chakraborti, P., Bhuiyan, A., Mahbub, M.M. and Nusrin, S. (2025), "Isolation, functional and molecular profiling of plant growth-promoting Rhizobacteria from legume rhizospheres for sustainable agriculture in degraded agroecosystems of Bangladesh," paper presented at the *6th International Conference on Biotechnology in Health and Agriculture, organized by Global Network of Bangladeshi Biotechnologists (GNOBB)*, Sher-e-Bangla Agricultural University, 26-27 September.

Begum, D. (2025), "Strategic Planning for the Adoption of Artificial Intelligence in Libraries and Information Centers," paper presented at of The *IFLA World Library and Information Congress (WLIC) 89th General Conference and Assembly*, Astana, Kazakhstan, 18-22 August.

Fatema, K. (2025), "Cohort-based Multimodal Assessment through E-portfolio in Tertiary-level EFL Writing" paper presented at *MELTA International Conference 2025 on The Agentive ELT Professional: Driving Innovation and Impact*, Brickfields Asia College, Malaysia, 13-14 September.

Haque, M. S. (2025), "From Access to Implementation: Why AI-integrated teaching and learning in higher education?," paper presented at *4th International Conference on Information and Knowledge Management (i-IKM 2025)*, East West University, Dhaka, Bangladesh, 16-18 September.

Haque, M. S. and Haque, F. (2025), "Ethical Guidelines in AI Policies for Teaching-Learning Languages, Research and Publication in the Global South: A Roadmap" paper presented at *4th International Conference on Information and Knowledge Management (i-IKM 2025)*, East West University, Dhaka, Bangladesh, 16-18 September.

Hossain, R., Ta-seen, S.K., and Kabir, M.M. (2025), "Random mutagenesis of fungal strain FGS-3 to enhance L-Glutaminase activity," paper presented at the *6th International Conference on Biotechnology in Health and Agriculture, organized by Global Network of Bangladeshi Biotechnologists (GNOBB)*, Sher-e-Bangla Agricultural University, 26-27 September.

Husna, A., and Hussain, M.H. (2025), "Comparative in silico genomic analysis of Klebsiella pneumoniae from UTI and non-UTI sources: insights into virulence and resistance determinants," paper presented at the *6th International Conference on Biotechnology in Health and Agriculture, organized by Global Network of Bangladeshi Biotechnologists (GNOBB)*, Sher-e-Bangla Agricultural University, 26-27 September.

# CONFERENCE PRESENTATION

(CONTINUED)

Jahan, A. (2025), "Teaching Young Learners with Specific Learning Difficulties in Bangladesh: Teachers' Readiness and Challenges," paper presented at *23<sup>rd</sup> AsiaTEFL International Conference*, The Education University of Hong Kong, Hong Kong, China, 10-13 July.

Khan, A. R. (2025), "Suicide and SDGs in the context of Bangladesh," paper presented at the *3<sup>rd</sup> International Conference on Building Inclusive Futures: Society, Development and Governance in the 21<sup>st</sup> Century*, Faculty of Social Science, Rajshahi University, Rajshahi, 12-13 September.

Mahmud, S., Hossain, M.S., Hassan, M.M., Maruf, M.Y., Rafi, M.A.H., Romel, M.Z.H., and Alamgir, F.M. (2025), "IoT-Based Wireless Battery Monitoring System for Enhanced Solar Micro-Grid Performance in Bangladesh," paper presented at the *3<sup>rd</sup> International Conference on Data Communication and Intelligent Technology (BIM 2025)*, Dhaka International University, Dhaka, Bangladesh, 25-27 September.

Munia, S.M.B.M., Asfar, F., Bhuiyan, A., Das, A., Nusrin, S., Mahbub, M.M., Chakraborti, P. (2025), "Characterization of PGPR from legume rhizosphere in Bangladesh to assess growth-promoting traits and their role in enhancing crop productivity and sustainable agriculture," paper presented at the *6<sup>th</sup> International Conference on Biotechnology in Health and Agriculture, organized by Global Network of Bangladeshi Biotechnologists (GNOBB)*, Sher-e-Bangla Agricultural University, 26-27 September.

Rahman, S. Miaji, M. Z. I., Motahar, M. S. B. Tahmid, T. Fahim, A. and Syed, A. (2025), "Catalysts of Change: Social Media Mobilization and the Role of Private University Students in the 2024 July Revolution of Bangladesh" paper presented at *1<sup>st</sup> International Conference on the July Revolution (ICJR-I, 2025)*, Senate Bhaban, University of Dhaka, Bangladesh, 26 July.

Sharna, S. and Jaim, J. (2025), "Respectability and Career: The Crisis of Female Academicians in Bangladesh," paper presented at *2025 Gender, Work and Organization International Conference (GWO 2025)*, Nantes, France, 20-23 July.

Shome, S., Sarker, S., Mondal, C..S., Sarwar, M.T. (2025), "Predicting Driver Retention in Ride-hailing Services: A Study on the Influence of Socio-Demographic and Behavioral Factors," paper presented at *7<sup>th</sup> Bridging Transport Researchers (BTR) Conference*, 6-7 August.

Zannat, T. (2025), "Symbiotic Sovereignties: Dragons as Ethical Agents and Catalysts for Social Justice in Christopher Paolini's The Inheritance Cycle," paper presented at the *Second International Conference on Arts and Humanities for Peacebuilding*, organized by the Arts and Humanities School, Khulna University, 2-3 August.

# SEMINAR AND WORKSHOP

Acter, T (2025), "Adaptation of Proper Management Practices of Waste Cooking Oil as Potential Feedstock for Biodiesel Production," Department of Mathematical and Physical Sciences, 28 August.

Akhter, F. (2025), "Writing Abstracts for Academic Papers," *Writing Centre Workshop Series*, Department of English, East West University, 10 Aug.

Haque, M. M. (2025), "Chromium-doped Tungsten Trioxide as Electron Transport Layer in Perovskite Solar Cells," Department of Mathematical and Physical Sciences, 03 July.

Haque, M. S. (2025), "Prompt writing 101 with free AI tools for the Global South: Context is everything," 40th Webinar of Bangladesh English Language Teachers Association (BELTA), Dhaka, Bangladesh, 23 August.

Haque, M. S. and Haque, F. (2025), "Ethical Use of AI in Teaching-Learning Languages, Research, and Publication in the Global South: A Roadmap," training conducted at BRAC Institute of Languages, BRAC University, Dhaka, Bangladesh, 31 July.

Haque, M. S. and Haque, F. (2025), "Ethical Use of AI and Context-Based Prompt Engineering in the Global South: Higher Education in Focus," day-long training conducted at Prime University, Dhaka, Bangladesh, 10 September.

Khan, A.R., Hussain, R. and Uddin, H. (2025), "Suicide Prevention through Local Level Institutions: A Situational Analysis of the Union Parishads in Jhenaidah District," *National Institute of Local Government (NILG)*, The Ministry of Local Government, Rural Development, and Co-operatives, 4 September.



Rahaman, N. (2025) "Workshop with Academics: Teaching on Trafficking in Persons (TIP) and Smuggling of Migrants (SOM)", organized under the UNODC's initiative 'Preventing and Addressing Trafficking in Human Beings and Smuggling of Migrants in South Asia', led by Public Security Division of the Ministry of Home Affairs and funded by the European Union (EU), organized by United Nations Office on Drugs and Crime (UNODC), 27 September.

Rahman, R. and Sumon, A. R. (2025), "Building an Evidence-Based Records Management Framework: a Study on LIS Integrated Higher Education Institutions in Bangladesh," paper presented at the *Training on Research Methods*, Centre for Research and Training East West University (CRTEWU), 28 August.

Raisa, R. N. (2025), "Assessment of Artificial Intelligence (AI) Integration in University Websites of Bangladesh," paper presented at the *Training on Research Methods*, Centre for Research and Training East West University (CRTEWU), 28 August.

Reza, R. B. (2025), "Assessing the Knowledge, Attitude, and Practices of Professionals towards implementing Social Media Archiving at the National Library and National Archives of Bangladesh," paper presented at the *Training on Research Methods*, Centre for Research and Training East West University (CRTEWU), 28 August.

Rizwan, F. (2025), "Lipid Nano-Capsule (LNC) Loaded Hydrogel for Trans-dermal Application," paper presented at The Symposium on Strengthening Industry–Academia Partnership in Healthcare and Materials Science, Nabab Nawab Ali Chowdhury Senate Bhaban, University of Dhaka, Dhaka, Bangladesh, jointly organized by the Faculty of Pharmacy and the Faculty of Engineering, University of Dhaka, and the German Academic Exchange Service (DAAD), Germany, 18 September 2025.

Shelley, A. (2025), "Prospects of Nuclear Energy in Bangladesh: The Role of Rooppur Nuclear Power Plant in Clean Energy Transition," Department of Mathematical and Physical Sciences, 10 July.

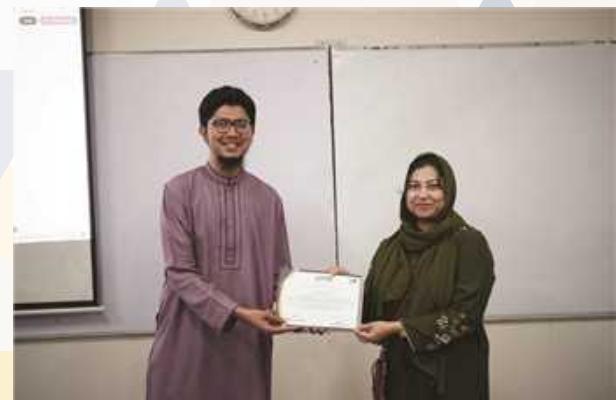
Haque, M. M. (2025), "Chromium-doped Tungsten Trioxide as Electron Transport Layer in Perovskite Solar Cells," Department of Mathematical and Physical Sciences, 03 July.

Sultana, M. Z. (2025), "Basics of Human Nutrition" paper presented at the *Seminar on Public Health Nutrition in Bangladesh*, Department of Social Relations, Dhaka, Bangladesh, 10 July 2025.

Dr. Md. Atiqur Rahman, Assistant Professor, CSE Department delivered an insightful talk titled "How to Think When Creating an AI Model," at the *Seminar Series*. The session focused on research-driven model development, emphasizing key stages like data preparation and design. It highlighted critical thinking as a core component of building robust and practical AI systems for real-world applications.



Dr. Nafis Sadeq, Assistant Professor, CSE Department delivered a talk titled "Acquiring, Exploiting, and Suppressing Parametric Knowledge in Language Models" at the CSE Department *Seminar Series* held on August 24, 2025. In his presentation, Dr. Sadeq explored the concept of parametric knowledge—information embedded within the parameters of language models during pretraining—which enables these models to generate relevant and coherent text without external data sources.



# MEDIA

Shaharima Parvin and Raiyan Bin Reza have written an article titled “Librarians as Cultural Stewards: Preserving Iftar Traditions Through Storytelling” published in the *Information Matters* on 15 July 2025.

Professor Dr. Ahmed Wasif Reza appeared as a Special Guest on “এআই এর স্টার্টআপ বাংলাদেশের পরবর্তী বড় বিপ্লব” aired on *Business Mirror*, BanglaVision.

Dr. Anisur Rahman Khan and Dr. Rasel Hussain have written an Op-Ed “পুরুষের প্রতি পারিবারিক সহিংসতা: এক নীরব বাস্তবতা ও অঙ্গীকৃত সংকট” published in the সত্য নিউজ on 12 July 2025.

Dr. Anisur Rahman Khan has written an Op-Ed “আত্মহত্যা, টেকসই উভয়ন ও বাংলাদেশ” in the দৈনিক কালবেলা published on 10 September 2025.

Dr. Anisur Rahman Khan delivered an expert talk on “World Suicide Prevention Day” for the media outlet of the Child Foundation, a national NGO.

Raiyan Bin Reza, Lecturer, Department of Information Studies and Shaharima Parvin, Senior Assistant Librarian, wrote an article titled “Indigenization of open educational resources (OER) in Bangladesh” on *EdArXiv*, published on 30 April 2025.

Jannatul Islam Muna, Library Circulation Officer and Shaharima Parvin, Senior Assistant Librarian, wrote an article titled “Human touch in the AI era: Why emotional intelligence matters for libraries,” on *IFLA Academic and Research Libraries Section Blog*, published on 18 July 2025.

Shaharima Parvin, Senior Assistant Librarian and Jannatul Islam Muna, Library Circulation Officer, wrote an article titled “Fostering information literacy and lifelong learning: The role of Dr. S. R. Lasker Library at East West University” published in *IFLA Asia and Oceania Regional Newsletter* on 22 September 2025.

Dr. F. M. Alamgir, Assistant Professor, Department of EEE, wrote an editorial titled “কর্মসংস্থানের ক্ষেত্রে কি বুঁকি ও সম্ভাবনা নিয়ে আসছে এআই” published in the *Daily Bonik Barta* on 14 October 2025.

# FACULTY ACHIEVEMENT

Professor Dr. Shams Rahman, Vice-Chancellor of East West University, has been honored among the world's top 2% researchers in the prestigious Stanford-Elsevier global ranking. This recognition reaffirms his sustained excellence in research, having also been featured in the list previously in 2021 and 2022.

Professor Rahman has authored over 255 research papers in leading international journals and book chapters, and has contributed to global academic discourse as Associate Editor of the International Journal of Information Systems & Supply Chain Management, alongside serving on the editorial boards of 15 international journals. His achievement stands as a testament not only to his exceptional academic leadership but also to East West University's growing prominence as a centre of high-impact research.

Under the supervision of Professor Dr. Shams Rahman of East West University, Dhaka, and Associate Professor Dr. Kamrul Ahsan of RMIT University, Melbourne, Maysan Shaverdi completed the PhD thesis titled "*A Blockchain-Based Last-Mile Delivery Deployment Model*". The study investigates blockchain-based last-mile delivery (LMD) in Melbourne's retail sector using the TOEI framework, analysing technological, organisational, environmental, and inter-organisational challenges. Findings provide insights for managers, policymakers, and technologists, suggesting strategies for overcoming LMO challenges.

Under the supervision of Professor Dr. Shams Rahman of East West University, Dhaka, and Lecturer Dr. Ashwini Yadlapalli of RMIT University, Melbourne, Ashwaq Hussain Al Fotaih of RMIT University, Melbourne completed the PhD thesis titled "*The Impact of Blockchain Technology on Hospital Supply Chains: A Case of Saudi Arabia*". The study examines how blockchain technology affects hospital supply chain performance in Saudi Arabia. Using task-technology fit theory, and employing methods such as SEM and fsQCA, it develops strategies that drive blockchain adoption and how they improve security, efficiency, and overall hospital performance.

Dr. Zubair Hasan and Dr. Nazmul Abedin Khan, Associate Professor, Department of Mathematical and Physical Sciences, East West University, have been recognized in the World's Top 2% Scientists list published by Stanford University, USA. The list was prepared by Professor John P. A. Ioannidis and his research team at Stanford University, who identified the world's leading researchers based on criteria such as publication records, citation counts, H-index, i10-index, and authorship position.



Dr. Zubair Hasan

Dr. Nazmul Abedin Khan

World's Top 2% Scientists from the Department of Mathematical and Physical Sciences, East West University

Dr. Muhammed Shahriar Haque, Department of English has received the best paper award for his paper "From Access to Implementation: Why AI-integrated teaching and learning in higher education?," at the 4th International Conference on Information and Knowledge Management (i-IKM 2025), East West University, Dhaka, Bangladesh, 16-18 September.

# FACULTY ACHIEVEMENT

(CONTINUED)

Professor Dr. Ahmed Wasif Reza, Dean of the Faculty of Sciences and Engineering has been appointed as a Research Fellow at the School of Information Technology, Washington University of Science and Technology (WUST), Virginia, USA. This prestigious visiting appointment, confirmed through an official offer letter from the Chancellor of WUST, aims to foster advanced research collaboration and build strategic partnerships between the two institutions.



Professor Dr. Reza has been appointed as a Visiting Fellow at the Centre for Research in Industry 4.0 (CRI4.0), Faculty of Engineering, University of Malaya (UM), Malaysia. Through this fellowship, Professor Wasif will actively participate in a diverse range of collaborative initiatives. These include co-supervising postgraduate students (MSc/PhD), joint applications for international research funding, developing high-impact publications, and establishing advanced research centers and laboratories.

He has been also been appointed as the Focal Person for SOAR-CREATE (Software Analytics Research – Collaborative Research and Training Experience) at the University of Saskatchewan, Canada. This prestigious role reflects his strong academic and research contributions in the field of software analytics, artificial intelligence, and collaborative innovation.

Professor Dr. Reza, has also been appointed by the University Grants Commission (UGC) of Bangladesh as a member of the Final Selection Committee for the UGC Post-Doctoral Fellowship Program.

Dr. Rasel Hussain, Assistant Professor in the Department of Sociology, has been awarded the prestigious “Young Researcher of the Year” at the International Educational Awards-LEAP (Leadership in Education, Advancement, and Progress) 2025, hosted by the London School of Digital Business. Dr. Hussain’s achievement stands as a testament to his profound academic impact, innovative leadership, and significant contributions to global education and research.



# FACULTY ACHIEVEMENT

(CONTINUED)

Md. Pizuar Hossain, Senior Lecturer at the Department of Law has been awarded the Charles E. Scheidt Faculty Fellows Program in Atrocity Prevention at the Institute for Genocide and Mass Atrocity Prevention (I-GMAP), Binghamton University, New York, for the 2025–26 academic year. As part of the fellowship, Mr. Hossain will attend the Frontiers of Prevention Forum in New York in April 2026, joining leading scholars, practitioners, and policymakers. The fellowship will strengthen his research and teaching by connecting his doctoral work to global conversations on atrocity prevention and providing valuable academic networks and resources.

Md. Hossain has also been awarded the competitive Global South Scholar Scholarship to attend the 17th Biennial Meeting of the International Association of Genocide Scholars (IAGS), to be held in Johannesburg, South Africa, from 20–24 October 2025.

# RESEARCH LEADERSHIP

Professor Dr. Wasif Reza has been honored with a token of appreciation at the 3<sup>rd</sup> International Conference on Big Data, IoT, and Machine Learning (BIM 2025). This recognition was awarded in acknowledgment of his valuable contributions as the Technical Co-Chair and Session Chair of the conference.



Professor Dr. Reza delivered a keynote address at seminar titled “Industry 5.0 and Sustainable AI: Transforming Bangladesh’s Future” held at East West University on August 4, 2025. In his keynote, Dr. Reza emphasized the urgent necessity for Bangladesh to embrace Industry 5.0, a human-centric, sustainable, and resilient industrial revolution.



Professor Dr. Reza, successfully conducted a seminar on “High-Impact Publications and Citations: Practical Strategies for Academic Success”. He demonstrated effective ways to enhance research visibility and citation impact using leading academic tools and platforms.

He also served as the Resource Person for a day-long training on Outcome-Based Education (OBE) organized by the Board of Accreditation for Engineering and Technical Education (BAETE). The training took place at the ITN Seminar Room, BUET, and brought together faculty members from various universities across Bangladesh.

Dr. Fouzia Mannan was invited as a panelist to give a talk on “Academia-Community Linkage and Social Networking for Future” at the *International Seminar on Interdisciplinary Studies for Sustainable Development (ISSD)*. The seminar, held from 4-5 September 2025, was organized by the National College, Kathmandu, Nepal.

Professor Dr. Dilara Begum, Chairperson of the Department of Information Studies, attended the 89th IFLA General Conference and Assembly as an elected Governing Board Member. The 2025 congress held in Astana, Kazakhstan from 18–22 August.

Professor Dr. Begum was invited to deliver a Guest Lecture at Bangladesh National Scientific and Technical Documentation Center (BANSDOC) under the Ministry of Science and Technology. The title of her invited talk was “Evolving Roles of Libraries and Librarians to meet the 21st Century Challenges”.

Professor Dr. Begum, was invited as a Keynote Speaker in the seminar titled “Challenges to retrieval of plagiarism-free information from AI for Academia and the Scientific research”. The seminar held on 7th October 2025, organized by Bangladesh National Scientific and Technical Documentation Center (BANSDOC) under the Ministry of Science and Technology.

# RESEARCH LEADERSHIP

(CONTINUED)



Professor Dr. Begum was invited as a Guest Speaker at the Army School of Education and Administration under the Armed Forces Division (AFD), Ministry of Defence, Chief Adviser's Office, Bangladesh. The title of her invited talk was 'Policy Compilation and Archive'.

Dr. Rejina Afrin, Associate Professor, Department of Pharmacy received the outstanding leadership in mentoring presented through American Chemical Society (ACS) Graduate Student and Postdoctoral Scholars Recognition Program in 2025.

Dr. Touhida Tasnima, Associate Professor and Chairperson of the Department of Social Relations, has been appointed as an external examiner for a PhD thesis and nominated as an external assessor for the academic promotion exercise at the Faculty of Business, Economics and Social Development, University Malaysia Terengganu.

Md. Mahfuzul Haque, Assistant Professor of Physics, Department of Mathematical and Physical Sciences, was invited as an Invited Speaker at the 2025 IEEE International Conference on Quantum Photonics, Artificial Intelligence, and Networking, held from 31 July to 02 August 2025, organized by the IEEE Photonics Society Bangladesh Chapter and hosted by the Bangladesh Army University of Science and Technology (BAUST), Saidpur, Nilphamari, Bangladesh. He delivered a talk titled "Perovskites – The Game Changer in Solar Energy: Progress and Challenges". He also contributed to the conference as a Technical Program Committee Member.

Nadia Rahaman, Senior Lecturer, Department of Law, has contributed in 'LEAP Forward: Academic Partnerships for Labour Law and International Labour Standards', a continuation of partnerships of ILO with leading universities of Bangladesh, organized by International Labour Organization (ILO), as part of "Advancing Decent Work in Bangladesh (ADWIB)" project, supported by the Team Europe Initiative, 1 September 2025.



# RESEARCH LEADERSHIP

(CONTINUED)

Ali Mashraf, Lecturer, Department of Law, adjudicated the preliminary and semifinal rounds of the RANCON Presents SCLS Law Olympiad 2025 (Season V), organised by the Society for Critical Legal Studies, University of Chittagong.

Mr. Mashraf, adjudicated the preliminary and semifinal rounds of the IUB 1st Intra-School Moot Court Competition 2025, organised by the Independent University, Bangladesh.

Furthermore, Mr. Mashraf assisted in drafting and researching the amicus curiae (expert) submission in the case of State v. Secretary, Ministry of LGRD, Government of Bangladesh (Suo Motu Rule 9 of 2020).

He was also invited as the youth representative to the Panel Discussion on Bangladesh's Constitutional Reforms: Recommendations, Challenges and Global Best Practices, organised by International IDEA (Institute for Democracy and Electoral Assistance) and Applied Democracy Lab, University of Dhaka.

Md. Pizuar Hossain has been appointed as the Higher Degree by Research (HDR) Representative at the Faculty of Law, Monash University in Australia. In this capacity, he serves as a member of the Faculty Research Committee (FRC), contributing to key discussions shaping research priorities and postgraduate engagement within the Faculty.



# STUDENT ACHIEVEMENT

Mr. Sagar Karmokar, a graduate of the B.Sc. in CSE program and current M.Sc. student at East West University, has earned the Bronze Medal at the Blockchain Olympiad Bangladesh 2025. Mr. Karmokar demonstrated exceptional skill and innovation, securing his place among the top performers in the national competition. His achievement has led to his nomination for the International Blockchain Olympiad 2025, which will be held in Hong Kong from October 29 to 31, 2025.



On World Pharmacists Day 2025, the Department of Pharmacy, EWU, organized two exciting student competitions. Among 20 teams in the Poster Presentation, the team of Md. Anaet Sharif Tusher, Md. Taiful Islam, Karabi Kaisar, and Tanjum Zahan Zarin became Champion. The 1<sup>st</sup> Runner-Up was Faria Rahman Maisha and her team, and the 2<sup>nd</sup> Runner-Up was Md. Sawkhin Ahmmed and teammates. In the Pharma-Olympiad, with 42 competing teams, Md. Sawkhin Ahmmed, Sadika Choya, and Abu Faysal Niloy won the Champion title, while Taeyba Akter Tuly and her team were the Runner-Up.



The cybersecurity team from East West University, NullOverFlow, has officially qualified for the BlackHat MEA CTF 2025 Finals, scheduled to take place in Riyadh, Saudi Arabia, from December 2–4, 2025. The team comprises Zaber Mahmud – Executive, EWU Cyber Security Club, Anik Sutroodhar – Sub Executive, EWU Cyber Security Club, and MD Aariz Rahman – Badda Alatunnessa Higher Secondary School, Dhaka. Out of more than 600 teams worldwide, NullOverFlow secured an impressive 117<sup>th</sup> place, earning a spot among the top global contenders in this prestigious competition.

Kazi Musaddiq Hossain and Tahsin Bintey Mahmud, students from the Department of Pharmacy have been rewarded with the 'Best Campus Ambassador Award' at the SEU Pharma Fest 2025. Only six students received this award across all Campus Ambassadors from the participating universities.



# STUDENT ACHIEVEMENT

(CONTINUED)

Students of the Department of Pharmacy achieved outstanding success at the Pharma Health Fair 1.0 organized by Northern University Bangladesh on August 30, 2025, competing among over 250 participants from 12 universities. In the Poster Exhibition, Nuzhat Tabassum Preety and her team became Champions, while Fabliha Akter Lisa's team won 1<sup>st</sup> Runner-Up and Md. Sawkhin Ahmmmed's team secured 3<sup>rd</sup> Runner-Up. In the Quiz Competition, Touhida Islam Tonni earned 3<sup>rd</sup> Position, and in the Speech Competition, Mita Rahman and Taeyba Akter Tuly achieved 2<sup>nd</sup> and 5<sup>th</sup> positions, respectively.



A team of three students from the Department of Pharmacy Istiaq Ali, Mysha Mubassira and Tahera Najnin Muskan - were awarded the 2<sup>nd</sup> Prize in the Research Presentation category for their outstanding Wall Magazine on “Public Health Challenges and Solutions” in the 1st National BioMed Health ResearchCon (NBHRC) 2025, held on 28–29 August at Dhaka Medical College. In addition, Md. Sawkhin Ahmmmed successfully presented his research work titled “In silico study of a number of Flavonoids as PARP (Poly ADP-Ribose Polymerase) Inhibitor and VEGFR1 (Vascular Endothelial Growth Factor Receptor 1)” in the same event.



A team from the Department of Law comprising Afrin Sultana Anika and Tanjim Maliha, secured the championship at the SCLS National Law Olympiad 2025 (Season V), held on 11–12 July at the University of Chittagong. Additionally, Syeda Nabila Haque was honoured with the “Rebellious Spirit Award” for her outstanding individual performance.



Mahidul Hasan, a second-year student from the Department of Law, was awarded the title of “Outstanding Member of Parliament” at the NILS-LEB National Model Legislative Assembly 2025 held in July 2025.



# STUDENT ACHIEVEMENT

(CONTINUED)

The Department of Law, marked a strong presence in the 16<sup>th</sup> Henry Dunant Memorial Moot Court Competition, held on 29–30 August 2025 at Independent University, Bangladesh (IUB), jointly organized by IUB and the International Committee of the Red Cross (ICRC). The EWU moot court team, comprising undergraduate students Tanjib Tabassum Bhuiyan and Afrin Sultana Anika as oralists, and Syeda Nabila Haque as researcher, advanced to the quarter-finals and secured a place among the top eight teams. The team was mentored by Mr. Khandker Saad At Tanbir, Lecturer in the Department of Law



EWU Moot team comprising Saima Haque Nisa and Mahidul Hasan Mahim as oralists, and Asif Rahman as researcher, from the Department of Law secured the championship title at the 2nd BUP National Moot Court Competition, held from 11–14 September 2025 at the Bangladesh University of Professionals (BUP). Saima Haque Nisa was further recognised with the 'Spirit of the Moot' Award for her consistent performance. The team was mentored by Ms. Mashraba Naziat, Lecturer, Department of Law.



Israt Jahan Sadia, a student of the department of law achieved the Second Runners-Up Prize in the 'Verdict in Motion' segment in BUP National Law Fest 2025.

The Department of Law participated in the HROC Legal Skills Boot Camp 2025, held from 18–20 September at Suvarnagrama Amusement Park & Resorts, Rupganj, Narayanganj, organized by the Human Rights Observation Center (HROC). Four students from EWU achieved notable distinctions. Nafis Bin Nadim a member of the Champion Team, earned the Team With Distinction Award, and secured second place in the Poster Presentation segment. Kazi Samsey Tabriz Mim received the Best Activities Excellence Award, while Afrin Salauddin and Mahmudul Hasan Maruf were also recognised for their commendable performances.



A team from the Department of Law comprising Kazi Ayman Awsaf and Tanjim Maliha Taha as oralists, and Syeda Nabila Haque as researcher, achieved the 2<sup>nd</sup> Quarter-Finalist position at the Asian Law College International Moot Court Competition 2025 in Noida, India, outperforming 24 international teams. Tanjim Maliha Taha was also recognized with the Best Female Oralist Award for her exceptional advocacy skills. The team was mentored by Mr. Riad Mahmud, Senior Lecturer, Department of Law.

# STUDENT ACHIEVEMENT

(CONTINUED)

A group of students from the Department of Social Relations earned the 2<sup>nd</sup> Runner-Up position in the 2025 National Policy Competition, organized by the Ministry of Youth and Sports, Bangladesh, which was hosted at East West University. The team comprised Sabiha Binta Siraj, Israt Jahan Labonno, and Sajidul Haque, students of the Population and Public Health Sciences (PPHS) program, competed in the event held on September 30, 2025. Team Cohesion's policy paper, titled "Workplace Childcare and Women's Empowerment: Bangladesh's LDC Graduation," was commended for its originality and thematic relevance.



Mr. Sourav Shome, a recent B.Sc graduate from the Department of Civil Engineering, has been awarded full funding for his Master of Applied Science (M.A.Sc.) program in Civil Engineering at the University of British Columbia (UBC), Vancouver, Canada starting from Fall 2025.



'Team Concrete Heroes' from the Department of Civil Engineering proudly clinched the Champion Place at the Poster Presentation Competition in DIU Civil Fest 2025, organized by Daffodil International University on 17 September 2025. Their winning poster, titled "PlastiGraph Concrete: A Sustainable Self-Healing Concrete Using Plastic Waste-Derived Graphene Oxide," showcased an innovative approach to transforming plastic waste into a high-performance, eco-friendly construction material.



Md. Sadik Jamal Kowshik, a student of Civil Engineering department was selected as one of the 12 global finalists in the prestigious Learning Planet Youth Design Challenge 2024–25, organized by Learning Planet in collaboration with UNESCO. His project, Shobdo Shiksha – Sound-Based Learning for the Blind, was chosen from over 1,060 submissions across 105 countries for its innovative approach to inclusive education. As a finalist, Md. Sadik Jamal Kowshik, is currently undergoing a one-year international mentorship to sustain and expand his project. Kowshik is also serving as a 'Learning Planet Youth Ambassador.'

LEARNING  
PLANET  
INSTITUTE

Meet the finalists

Engagement

Dindita Silwal  
Nepal

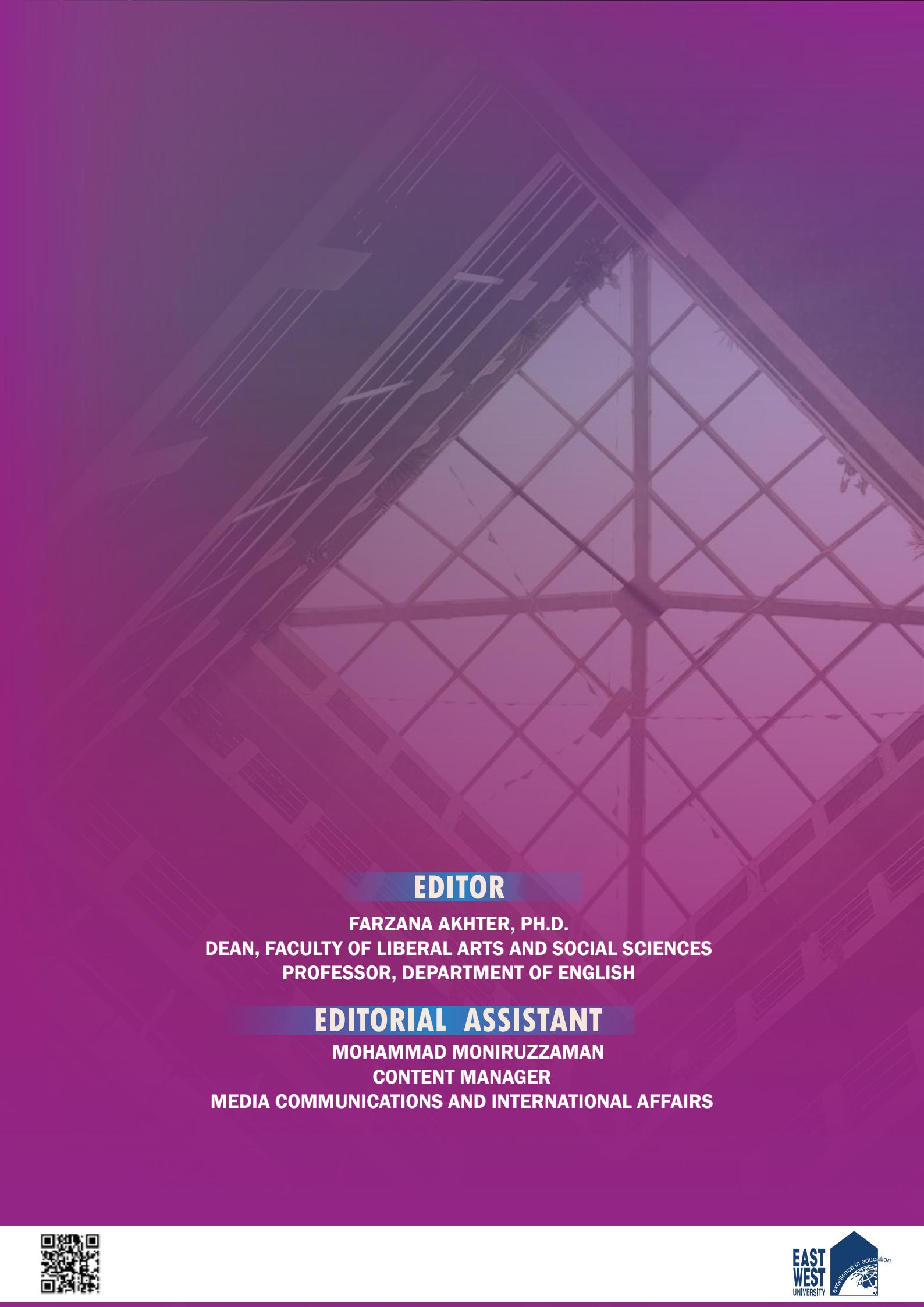
Sheraya Amarasekara  
UAE

Md. Sadik Jamal Kowshik  
Bangladesh

Build with Knowledge

Engagement[EL]

Shobdo Shiksha - Sound-Based Learning for the Blind in Bangladesh



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