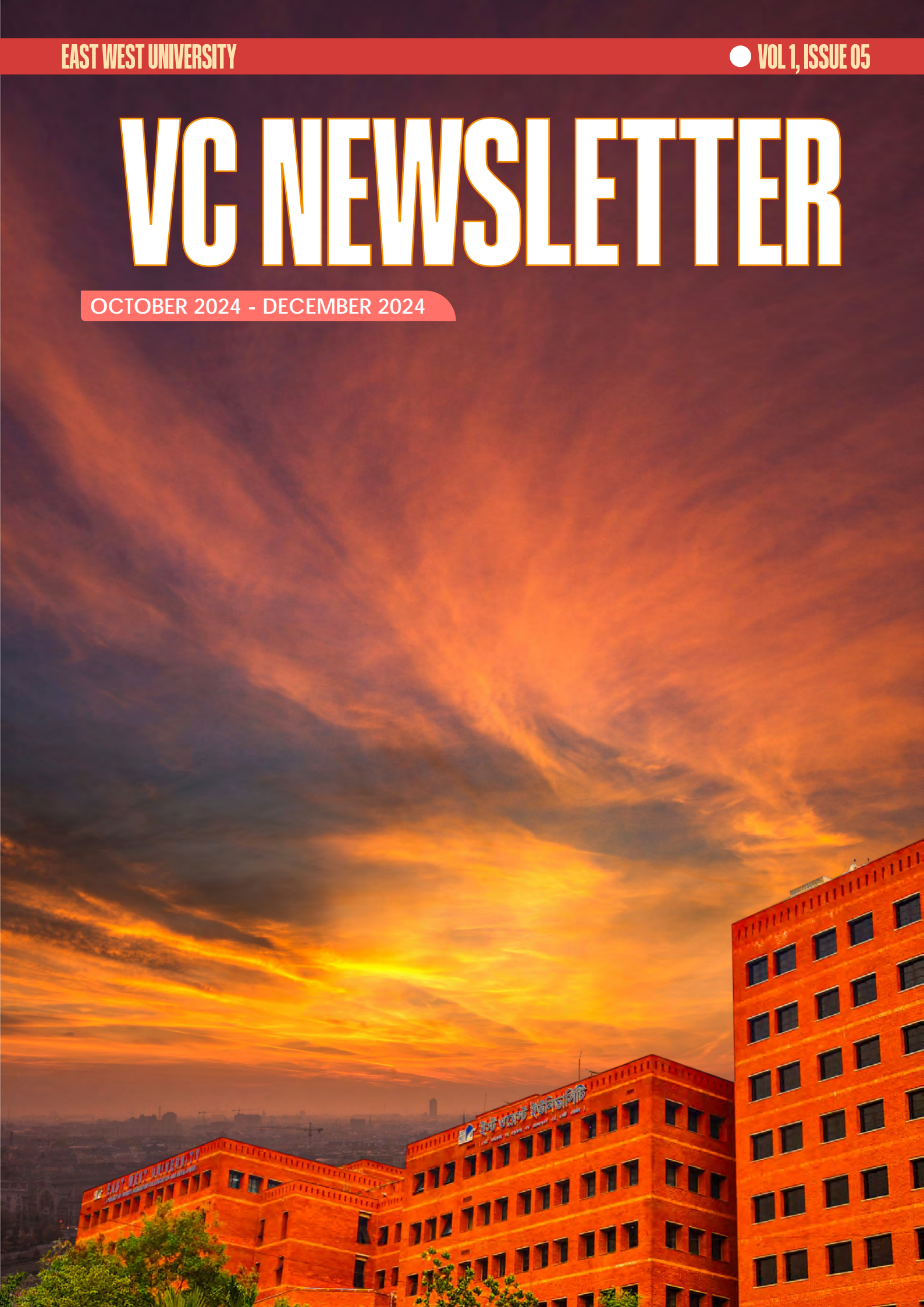# VC NEWSLETTER

OCTOBER 2024 - DECEMBER 2024

# MESSAGE FROM THE
## VICE CHANCELLOR

The past year has been quite promising, with a noticeable increase in both research activities and publications. We have placed a strong emphasis on the importance of applying for research grants, whether from internal or external sources. This proactive approach has started to show promise, and I am optimistic that the results will become more evident in the coming months.

Furthermore, the guidance and mentorship that senior faculty members are expected to offer junior faculty in both teaching and research will be vital for fostering research initiatives. I am confident that this collaborative approach will result in an increased number of publications and contribute to overall academic growth.

In this context, I would also like to extend my congratulations to those who have suc+ cessfully applied for the HEAT project. Their initiative and hard work are truly com+ mendable.

Looking ahead, we are committed to fostering even more such opportunities for our faculty members, ensuring a continued upward trajectory in research output and aca+ demic excellence.

**Professor Dr Shams Rahman**
**Vice Chancellor**
**East West University**

# RESEARCH GRANT

Dr. Mohammad Masudur Rahman, Assistant Professor, Department of Business Administration received grant from the Centre for Research and Training East West University (CRTEWU) for his research proposal "The Role of Digital Literacy and Culture Specific Communication Skills Among Expatriate Bangladeshi Domestic Workers."

Md Rezwan Siddiqui, Senior Lecturer, Department of Social Relations received generous grant to attend the "International Workshop on Urbanization and Sustainable Water Management Strategies in the Global South", at Carl Friedrich von Siemens Stiftung, Munich, Germany. This international workshop was organized by the Department of Geography Ludwig-Maximilians-Universität (LMU), and the IAHS Helping Group Urban Water: Urbanization and Adequate Water Management.

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# BOOK CHAPTER

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# CONFERENCE PRESENTATION

Afreen, S. and R. Z. Oishee, (2024), "Tawaifs as Victims of Societal 'Trans'formation in Pre-independent India: A Retrospect on Sanjay Leela Bhansali's *Heeramandi*," paper presented at *International Conference on The Trans- Phenomenon in Language, Literature, and Culture,* University of Liberal Arts Bangladesh (ULAB), Bangladesh, 15-16 November.

Akter S., Akhter L. Akhter, Araf A.P., Islam M. A., and Hossain M.J. (2024), "Development of Immediate Release Vonoprazan Fumarate Tablet Utilizing the Quality by Design Approach and its Comparative Analysis with Marketed Formulations", paper presented at *International Conference on Pharmaceutical and Health Sciences (ICPHS)*, Dhaka, Bangladesh, 6-7 December.

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Asad A, Begum R, Munni MA, Mukta MA, Nayeem MAJ, Mostafa MH, Fatema B, Nusrin S, Jahan I, Hayat S, Islam Z. (2024), "A phenogenomic insight of third-generation cephalosporin-resistance in Shigella in Bangladesh; an emergence of extended-spectrum-beta-lactamase genes," paper presented at *17th Asian Conference on Diarrhoeal Diseases and Nutrition (ASCODD),* Kathmandu, Nepal, 8-10 December.

Asfar F., Bhuiyan A., Das A., Nusrin S., Mahbub M.M. (2024), "Characterization of Plant Growth-Promoting Rhizobacteria (PGPR) from leguminous plants rhizosphere to assess growth-promoting activity and impact on sustainable agriculture in Bangladesh," paper presented at *38th BSM Annual Conference,* Dhaka, Bangladesh, 28-29 December.

Basak T., Firdaus Z., Sayed M.D., Hossain M.D., S., Chakraborty P., Hashem A., Nusrin S. (2024), "Detection and Identification of Antibiotic Resistant Enterotoxigenic Escherichia coli (ETEC) from Street Foods and Drinks in Dhaka City, Bangladesh," paper presented at *17th Asian Conference on Diarrhoeal Diseases and Nutrition (ASCODD)*, Kathmandu, Nepal, 8-10 December.

Begum, D. (2024), "AI in libraries and information institutions: Accept or reject?," paper presented at *International Conference on "Digital Landscape in Library 4.0 (DLL 4.0)*, Bangalore, India, 2-4 December.

Begum, D. (2024), "Academic integrity and digital literacy: The librarian's role in the era of AI," paper presented at *12th International Library Information Professional Summit (I-LIPS) on Innovative Technologies in Librarianship: Challenges and Opportunities,* Galgotias University, Greater Noida, India, 29 November - 01 December.

Fatema, K. (2024), "Non-Native Speech Production: Location and Size of Constriction in Tense and Lax Vowels," paper presented at *Language Metamorphosis: Implications for Language Education in Decolonial Contexts (LMLEDC),* BRAC Institute of Languages, 28-30 November.

Fatema, K. (2024), "Students' Perspectives in Using E-Portfolio for Tertiary-level Academic Writing," paper presented at *11th BELTA Conference, BELTA-NSU International Conference,* 6-7 December.

Fatema, Kaniz., Bithy, S.T., Raysa, R., Biswas, M. (2024), "Being a Teacher in Bangladesh 2.0: The Post-traumatic Teaching and Assessment Strategies in Tertiary Classroom," paper presented at *11th BELTA Conference, BELTA-NSU International Conference,* 6-7 December.

Fatema, K., Nur-A-Amanat, M., Mobtasin, M. S. (2024), "Integration of Technology in Teaching Tertiary level Writing Skills," paper presented at *Language Metamorphosis: Implications for Language Education in Decolonial Contexts (LM-LEDC),* BRAC Institute of Languages, 28-30 November.

Fatema, K., Bithy, S.T., Raysa, R., Biswas, M. (2024), "Being a Teacher in Bangladesh 2.0: The Post-traumatic Teaching and Assessment Strategies in Tertiary Classroom," paper presented at *11th BELTA Conference, BELTA-NSU International Conference,* 6-7 December.

Hussain, R. (2024), "Behavioral intention and attitudes towards the adoption of technology by the informal sector workers; their employment and livelihood vulnerabilities in the era of information economy: A case of Bangladesh", paper presented at *25th Annual Conference,* Hong Kong Shue Yan University, Hong Kong, 7 December.

Labonno, I.J., Sanjida, A., and Islam, S.K. (2024), "Dual Realities: Psychological and Physiological Outcomes of Migrant and Non-Migrant Students in Dhaka, Bangladesh," paper presented at *10th International Public Health Conference,* Bogura, Bangladesh. 6-7 December.

Mannan, F. (2024), "Changing Lives of Women in Rural Bangladesh: A Feminist Perspective," paper presented at BDI 2024 International Conference: Bangladesh Reimagined: The Next Half-Century, University of California, Berkeley, U.S.A., 8-10 November 2024.

Nawar S., Mahbub M.M., Jesmin (2024), "Plastic biodegradation potential of Pseudomonas strains isolated from landfill sites near Dhaka, Bangladesh," paper presented at *38th BSM Annual Conference,* Dhaka, Bangladesh, 28-29 December.

Nusrin S, Asad A, Mostafa MG, Nayeem MAJ, Begum R, Hayat S, Islam Z. (2024), "Resistome phylodynamics of multi-drug resistant Salmonella enterica subsp. Enterica Z1288," paper presented at *17th Asian Conference on Diarrhoeal Diseases and Nutrition (ASCODD),* Kathmandu, Nepal, 8-10 December.

Oishee, R. Z. (2024), "Difficulty of Identity Formation for an Immigrant Child: Representation of Diasporic Trauma in Akhil Sharma's *Family Life,*" paper presented at *International Conference on Language Metamorphosis: Implications for Language Education in Decolonial Contexts,* BRAC Institute of Languages, BRAC University, Bangladesh, 28-30 November.

Quadir, M. (2024), "Let us be aware of the teaching practices that affect EFL students' learning motivation," paper presented at *CLaSIC 2024: Evolving Trend in Foreign Language Education,* National University Singapore, 05–07 December.

Rabbi, A.M.F., Mamun, A.A., Hossain, M.A., Alam, M.Z. and Hossain, M.B. (2024), "Premarital Sex and Its Correlates among the Reproductive Age Women in Bangladesh: Findings from Bangladesh Demographic and Health Surveys," paper presented at *6th Asian Population Association (APA) Conference,* Kathmundu, Nepal, 27-30 November.

Siraj, S.B., and Khan, M.M.H., (2024), "Prevalence of Dissatisfaction Regarding Transport Facilities and Its Association with Academic Issues and Mental Health Among University Students in Dhaka, Bangladesh," paper presented at *10th International Public Health Conference,* Bogura, Bangladesh. 6-7 December.

Siraj, S.B., and Khan, M.M.H., (2024), "Prevalence of Dissatisfaction Regarding Transport Facilities and Its Association with Academic Issues and Mental Health Among University Students in Dhaka, Bangladesh," paper presented at *10th International Public Health Conference,* Bogura, Bangladesh, 6-7 December.

Tahmid, R., Haque, S. and Islam, S.K. (2024), "Dhaka's Water Savior: The Dasherkandi Sewage Treatment Plant," paper presented at *10th International Public Health Conference,* Bogura, Bangladesh, 6-7 December.

Wasata, R. (2024), "A mixed methods evaluation of an experiential undergraduate public health research methods course," paper presented at *American Public Health Association Annual Meeting and Expo,* Minneapolis, Minnesota, 27-30 October.

Wasata, R. (2024), "Understanding the role of social media information on polycystic ovary syndrome (PCOS) care and management among minoritized women," paper presented at *American Public Health Association Annual Meeting and Expo,* Minneapolis, Minnesota, 27-30 October.

# SEMINAR AND WORKSHOP

Professor Dr. Tanbir Ahmed Chowdhury, Professor Department of Business Administration and Director, Executive Development Centre conducted Module -8 "Industry-Academia Collaboration: Current Industry Trend and Bridging Academia-Industry Linkage" as a resource person in teachers' training program focused on Teaching, Learning, and Research, organized by Institutional Quality Assurance Cell (IQAC) in collaboration with Center for Research & Training (CRT) on 26 December 2024.

Dr. Farzana Akhter, Professor in the Department of English and Dean of the Faculty of Liberal Arts and Social Sciences, conducted a workshop titled "Continuing Professional Development (CPD): Its Importance and Impact on Quality Assurance" on December 19, 2024. This session took place as part of the teacher training program on "Teaching, Learning, and Research," organized by the Institutional Quality Assurance Cell (IQAC) in collaboration with the Center for Research & Training (CRT).

M. R. Siddiqui, paper presented a paper titled "Migrants in urban water: A synthesis of Dhaka" at the International Workshop on Urbanization and Sustainable Water Management Strategies in the Global South, at Carl Friedrich von Siemens Stiftung, Munich, Germany on 4–5 November 2024.

Helal Uddin presented a paper titled "Effect of Mass Casualty Incidents on Anxiety, Depression, & PTSD among Doctors and Nurses: A Systematic Review," at the Departmental Seminar of Department of Sociology on 28th November, 2024.

J. Uddin, and H. Uddin, (2024), presented a paper on "Workshop on Developing Research Projects & Crafting Scientific Publications: Secondary Datasets in Social Sciences & Public Health," at South Asian Institute for Social Transformation (SAIST), on 22 & 29 November 2024.

R.B. Reza and A. R. Sumon presented a paper titled "Perceptions of academic librarians of Bangladesh regarding preservation of indigenous knowledge" paper presented at the CRTEWU 104th Research Seminar, East West University, Dhaka, Bangladesh, 7 November.

M.Z. Sultana, and N. Khan, presented a paper on "Seminar on 'Diabetes: A Global Public Health Issue & Higher Study and Career Opportunity in Germany," at the Department of Social Relations, on 2nd October 2024.

# MEDIA

Shaharima Parvin, Senior Assistant Librarian and Md. Abdul Latif, Assistant Librarian wrote an article titled "IoT in Bangladesh libraries: A path to transformation" on *ACRLog, blog of Association of College and Research Libraries (ACRL)*, American Library Association (ALA), published on 4 November 2024.

Dr. Rasel Hussain has written an Editorial "Community-Based Flood Management Strategies: Lessons from Recent Flood in Bangladesh – OpEd'. at *The Eurasia Review*, 9th September 2024.

# ACHIEVEMENTS

## PUBLICATION REWARD

Professor. Dr. Md. Mozammel Huq Azad Khan, Department of Computer Science and Engineering has received the publication reward for his article titled 'STICA: Spanning-Tree-Based Identification of Clusters with Agglomeration for Numerical Data' published in Q1 Journal 'IEEE Access, ISSN: 21693536, (Volume: 12) Page(s): 150430 – 150450. Published on October 14, 2024

Dr. Halima Begum, Assistant Professor, Department of Electrical and Electronics Engineering has received the publication reward for her article titled 'Ai-based Sensory Glove System to Recognize Bengali Sign Language (BaSL)' published in Q1 Journal 'in IEEE Access, ISSN: 2169-3536 Vol. 12, pp. 145003-145017, 2024. Published on October 03,2024

Professor Ashik Mosaddik, Pro Vice-Chancellor, East West University attended as a Keynote Speaker in *4th International Conference on Medicinal Chemistry and Drug Discovery (MCDD) 2024* held in Xi'an, China, 2024, (via Online). He also presented a talk on 'The Revolution of Nanomedicine' at the *4th International Conference on Innovations in Science, Engineering, and Technology 2024* at International Islamic University Chittagong (IIUC), Chattogram, Bangladesh held in from October 26-27, 2024.

Professor Dr. Dilara Begum, Chairperson of the Department of Information Studies was invited as a speaker at the *18th International Conference on Webometrics, Informetrics, and Scientometrics (WIS),* held at Strasbourg University, France, from December 12 to 14, 2024. Her invited talk was titled "Use and Abuse of Gen AI: A Holistic Approach Towards Gen AI's Implications in Developing Countries' Academic Areas."

Professor Dr. Ahmed Wasif Reza, Department of CSE and Additional Director of IQAC won the Best Paper Award for his papers titled "Prediction of Glioblastoma Using 3D-CNN" and "Optimizing Image Classification and Segmentation: A Comparative Study of Deep Learning and Machine Learning Model" at the *3rd International Conference on Data Mining and Information Security (ICDMIS 2024),* organized by the Eminent College of Management and Technology (ECMT), India, in collaboration with the Universitas Al Asyariah Mandar, Indonesia held 7th to 8th October 2024.

Other two papers of Dr Reza titled "Portable IoT-Based Prediction of Solar Energy Generation Using Deep Learning" and "Deep Learning and Non-Contrast CT for Widespread Pancreatic Cancer Detection" won the Best Paper Award at the *3rd International Conference on Innovations in Data Analytics (ICIDA 2024)* organized by Eminent College of Management & Technology (ECMT), India on 18th and 19th December 2024.

Dr. Mohammad Masudur Rahman, Assistant Professor, Department of Business Administration was invited to serve as a judge at the Artificial Intelligence and Machine Learning Bootcamp 2024 Final Project Showcase presentation was organised by Dept. of Management Information Systems, University of Dhaka. The event took place on 29th December 2024 at the Prof. Dr. Abdullah Faruk Multipurpose Hall, MBA Building, Business Faculty, University of Dhaka.



Dr. Sadik Rahman, Assistant Professor, Department of Civil Engineering is announced as the co-recipient of the National Research Award (2024) for outstanding research achievement in the field of Environmental and biological Resource Sector, the highest research award of Sultanate of Oman. This recognition is awarded to the team for publishing a high-impact publication entitled "Desalination and acid-base recovery in a novel design of microbial desalination and chemical recovery cell' in a distinguished journal, *Desalination*.

Associate Professor Dr. Ratil H. Ashique has been has been appointed as a Research Fellow at INTI International University Malaysia. This prestigious fellowship, which spans from December 2, 2024, to December 31, 2025.



Fakir Mashuque Alamgir, Assistant professor in the Department of EEE, received his PhD in Deep Learning under the Department of Electrical and Electronic Engineering (EEE) from the University of Dhaka in 2024. The degree was awarded to him in a meeting of the syndicate held on November 13, 2024. His PhD supervisor was Professor Dr. Shafiul Alam of the EEE Department of the University of Dhaka.



Engr. Fuad Yasin Huda, Senior Lecturer, Department of Civil Engineering has received the ATRF Best Student Presentation Award in Transport Planning and Policy category at the PhD Research Symposium of *45th Australasian Transport Research Forum (ATRF) conference*.

He was also awarded the Rees Jeffreys Award 2024 by the Institution of Civil Engineers (ICE), United Kingdom for his research contribution on highway engineering.

# STUDENT ACHIEVEMENT

Afnan Bintey Helal, a student of MA in English program at East West University emerged triumphant as the recipient of the prestigious "Best Paper Award" at the 10th Inter-University Student Conference and Cultural Competition 2024, Competing against participants from 28 universities, both public and private. The competition, organized by the Department of English and Humanities at ULAB, explored the theme "Language Weaponisation and Sociopolitical Change."



Sayada Nazila, a student of the BSS in Population and Public Health (PPHS) program was awarded the "Psycure Youth Mental Health Fellowship 2024".



Puja Chakraborty, a student of the BSS in Population and Public Health (PPHS) participated and won 1$^{st}$ prize at the "East West University Voice of Youth – A Canvas for People & Planet", organized by the East West University Environmental & Social Club on December 15, 2024.



Raisa Nuzhat, a student of MA in TESOL from the Department of English of East West University has been recognised as one of the best poster presenters at the BELTA-NSU International Conference 2024. She has attained the position of the 2nd Best Presenter in the conference. She presented a poster on- "Influence of Watching English Movies on Bangladeshi Tertiary Level EFL Learners Language Acquisition".

# STUDENT ACHIEVEMENT (Continued)

East West University Creative Marketing Club (EWUCCC) organized a specialized research training program titled "Unlocked 360," led by Ahnaf Chowdhury Niloy. This program provided young research enthusiasts with comprehensive training in research methodologies across ten intensive sessions. Among the more than 100 participants, nine top-performing trainees were selected to collaborate with Reaz Hafiz and Ahnaf Chowdhury Niloy on an innovative project on AI-mediated higher education, named "ProjectGPT."

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