EAST WEST UNIVERSITY ■ ISSUE 03

VC NEW SLETTER

APRIL 2024 - JUNE 2024



MESSAGE FROM THE VICE CHANCELLOR



I am excited to share issue 3 of our newsletter. It is great to see that several junior faculty members have published in high-ranked journals and received funds and scholarships. This demonstrates the dedication of our academics to research and publication.

It is undeniable that research is fundamental to academic life, propelling advancement in education and society. Therefore, I encourage the faculty members to actively seek opportunities to be involved in research projects and initiatives both within and outside our institution. This could entail participating in research seminars, collaborating across disciplines, and applying for internal and external grants and funds.

To support and motivate our faculty members' research endeavors, we are planning to organize a Research Day. This would be a one-day event show-casing the research carried out by our faculty members and also acknowledging and honoring the high achievers in research and publication.

Professor Dr Shams Rahman Vice Chancellor East West University

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RESEARCH GRANTS

Mohammad Pizuar Hossain, a distinguished alumnus and faculty member of the Department of Law at East West University, has been awarded two distinct fully funded scholarships to pursue his PhD in Law from two universities in the UK and Australia. He has been awarded the prestigious Edinburgh Doctoral College Scholarship (Law) for a 4-year PhD program in law at the University of Edinburgh in Scotland, the UK. He has also received both the Monash Graduate Scholarship (MGS) and the Monash International Tuition Scholarship (MITS) for a 4-year PhD program in Law at Monash University in Melbourne, Australia.

Ms. Nabila Farhin & Ms. Nadia Rahaman, Senior Lecturer, Department of Law, East West University received a research grant from University of South Carolina, USA for a research project on "Empowering Workers for Justice: Legal Framework Review". This eight-month project ended in February 2024. The project ran in collaboration with Bangladesh Legal Aid and Services Trust (BLAST). The project focused on ensuring labor rights for the workers of different sectors, advocating necessary legal reforms to strengthen protection for workers, and empower workers by raising awareness.



JOURNAL PUBLICATIONS

Ahmed, S, Ahmed, R, Ashrafi, DM, Ahmed, E and Annamalah, S 2024, 'Building trust in cybernetic payment network: Insights from an emerging economy', *Journal of Open Innovation: Technology, Market, and Complexity*, vol. 10, no. 3, p. 100331.

Amin, A, Shafiullah, GM, Ferdous, SM, Shoeb, M, Reza, SMS, Elavarasan, RM, and Rahman, MM 2024, 'Agrivoltaics system for sustainable agriculture and green energy in Bangladesh', *Journal of Applied Energy*, vol. 371, p. 123709.

Ashrafi, DM & Maoua, J 2024, 'Harvest to basket: understanding drivers of organic food purchase behaviour through interpretive structural modelling and MICMAC approach', Journal of Modelling in Management, vol. ahead-of-print, no. ahead-of-print.

Ashrafi, DM, Ahmed, S and Shahid, TS 2024, 'Privacy or trust: understanding the privacy paradox in users intentions towards e-pharmacy adoption through the lens of privacy-calculus model', Journal of Science and Technology Policy Management, vol. ahead-of-print, no. ahead-of-print.

Ashrafi, DM 2024, 'Technology takes the wheel: unveiling the drivers of car dashcam adoption', *International Journal of Innovation and Technology Management*, vol. 21, no. 3, p. 2450024.

Das, SK, Ahsan, A, Khan, MHRB, Yilmaz, AG, Ahmed, S, Imteaz, M, Tariq, MAUR, Shafiquzzaman, M, Ng, AW and Al-Ansari, N 2024, 'Calibration, validation and uncertainty analysis of a SWAT water quality model', *Applied Water Science*, vol. 14, no. 4, p.86.

Hasan, M, Vasker, N, Hossain, MM, Bhuiyan, MI, Biswas, J and Rashid, MRA 2024, 'Framework for fish freshness detection and rotten fish removal in Bangladesh using mask R-CNN method with the robotic arm and fisheye analysis', *Journal of Agriculture and Food Research*, vol. 16, p.101139.

Hoque, N, Shanta, MA, Ahmed, N, Dipu, AS, Rana, MS and Sohrab, MH 2024, 'Phytochemical and pharmacological investigations of different extracts of Dracaena spicata Roxb. available in Bangladesh', *Tropical Journal of Natural Product Research*. vol. 8, no. 6, pp.7339-7344.

Hossain, MP, 2024, 'International criminal justice data in Bangladesh: A scoping review,' *International Criminal Law Review*, Special Issue: 1-16.

Hossain, MP, 2024, 'The implications of the Arabic case for Bangla content moderation on Facebook: future considerations for combating 'Bangla' hate speech', *Journal of Cyber Policy*, vol. 8, no. 3, pp. 308–326.

Hossain, MJ, Shill, DK, Das, SC, Ahmed, KS, Hossain, H and Kumar, U 2024, 'Development of a validated RP-HPLC method using full factorial design for the analysis of Ramipril' *Dhaka University Journal of Pharmaceutical Sciences*, vol. 23, no. 1, pp. 93-102.

Jahan, S, Masseran, N and Zin, W 2024, 'Wind speed analysis using Weibull and lower upper truncated Weibull distribution in Bangladesh', *Energy Reports*, vol. 11, pp. 5456-5465.

JOURNAL PUBLICATIONS

Khan, AR and Shimul, SMAK 2024, 'Men's suicide in Bangladesh: Impressions from the Socio-ecological system theory,' *Omega-Journal of Death and Dying*.

Kona, N, Islam, MD, Alam, J, Hridoy, HM, Hossain, PM, Khanam A, Chouduri AU, Mosaddik, A and Hasan, I 2024, 'Antiproliferative, pharmacological and antibacterial activities of synthesized silver nanoparticles from the combined extract of Pandanus foetidus and Alangium salvifolium', Results in Chemistry, vol. 7, p.101547.

Paul, AK 2024, 'FaceLite: A real-time light-weight facemask detection using deep learning: A comprehensive analysis, opportunities, and challenges for edge computing', *Computer Networks and Communications*, vol. 2, no. 1, pp. 75–100.

Rahman, M, Islam, Z and Alamgir, HM 2024, 'How geographically accessible is tertiary care in low-and middle-income countries: The Bangladesh case', *Journal of Health Management*, p.09720634241244426.

Rashid, MRA, Hasan, KF, Hasan, R, Das, A, Sultana, M and Hasan, M 2024, 'A comprehensive dataset for sentiment and emotion classification from Bangladesh e-commerce reviews', *Data in Brief*, vol. 53, p.110052.

Rasel, MK, Hasan, M, Rashid, RA, Ferdaus, MH, Islam, MA., Islam, M. M., Ali, M. S., and M. Islam, 2024, 'DecentraLend: A blockchain-based monetization for decentralized lending system', *International Journal of Computing and Digital Systems*, vol. 15, no. 1, pp.1679-1690.



BOOK CHAPTERS

Arafat, SMY and Khan, AR 2024, 'Suicidal behaviour in Bangladesh,' in S. M. Yasir Arafat, M Rezaeian and MM Khan (eds.), Suicidal Behaviour in Muslim Majority Countries, pp. 45-58, Springer, Singapore.

Khan, AR 2023, 'Kulturelle perspektiven des selbstmords in Bangladesch,' in S M Yasir Arafat and MM Khan (eds.), Selbstmord in Bangladesch-Epidemiologie, Risikofaktoren und Prevention, pp. 51-75, Springer, Singapore.

Mehjabin, S, Akanda, MKM, Haque, N, Nazmul, AHMH, Parvez, GMM and Mosaddik, A 2024, 'Flavonoids intake and risk of toxicity in chronic metabolic disease', in N Mishra, S Ashique, BHJ Gowda, A Farid and A Garg (eds.), Role of Flavonoids in Chronic Metabolic Diseases, pp. 521-554, Scrivener publishing, Wiley, USA.



CONFERENCE PROCEEDING

Ahmed, MR, Haque, R, Rahman, SA, Afridi, S, Abir, MFF, Hossain, MF, Khan, MSH and Uddin, MM 2024, 'Towards automated detection of tomato leaf diseases', in 6th International Conference on Electrical Engineering and Information & Communication Technology (ICEEICT), pp. 387-392.

Anjum, F, Gani, R, Isty, MN, Ali, MS and Hasan, M, 2024, 'IoT-Based smart home automation system: ensuring safety for the elderly', in 2nd International Conference on Advancement in Computation & Computer Technologies (InCACCT), pp. 214-219.

Begum, D 2024, 'The practice of coexistence in library & information science (LIS)', in the 3rd International Symposium on the Practice of Co-existence in Islamic Culture, UIN Sunan Kalijaga University, Yogyakarta, Indonesia.

Elahi, MH 2024, 'Adoption of CHatGPT in academic activities: Perceptions from university students', in the 3rd International Symposium on the Practice of Co-existence in Islamic Culture, UIN Sunan Kalijaga University, Yogyakarta, Indonesia.

Gani, R, Isty, MN, Rimi, RA, Parsub, WR, Islam, MS, Priyanka, MM, Rashid, MRA, Hasan, M, Mansoor, N and Adnan, MN 2024, 'Impact of AI in healthcare services: Analysis using medical synthetic data', in International Conference on Advances in Computing, Communication, Electrical, and Smart Systems (iCACCESS), pp. 01-06.

Salehin, Y, Siddique, A, Nafisa, AT, Jahan, I, Priyan-ka, MM, Islam, RU, Hasan, M, Rahman, A and Rashid, MRA 2024, 'A comparative analysis on transfer learning models to classify banana diseases-fusarium wilt and black sigatoka', in 2nd International Conference on Advancement in Computation & Computer Technologies (InCACCT), pp. 208-213.

Yadhav V, Williams A, Smid, O, Jimmy Kj", A, Islam, RU, Joacim H and Wolfgang, J 2024, 'Benefits of Dynamic Computational Offloading for Mobile Devices', in proceedings of the 14th International Conference on Cloud Computing and Services Science (CLOSER 2024), Closer, Science and Technology Publications.

CONFERENCE PRESENTATION

Abdullah, AS 2024, '(Re)writing myths and subverting gendered and racial superiority in Ana Castillo's So Far from God', paper presented virtually at NEXUS interdisciplinary conference 2024: Home/Bodies, University of Tennessee, Knoxville, USA, 5-7 April.

Akter, S, Sizan, TR and Ashrafi, T 2024, 'Exploring the potential of wind power for a sustainable future in Bangladesh: A journey towards green energy' paper presented at 2nd RESILNAT-3C Conference, Romanian Institute of National Economy, Romania, 13-14 June.

Begum, D 2024, 'Improving your focus for success', paper presented at 4th Personal and Professional Development Conference (PPDC), Dhaka, Bangladesh, 17 May.

Begum, D 2024, 'Strategic planning for sustainable LIS profession in the world of AI', paper presented at 2024 forum on Future of World Academic Libraries (WAL), Beijing, China, 24-27 June.

Biswas, M 2024, 'An ecofeminist criticism of Haldaa: diving deep into the domination of nature and women in riverine Bangladesh', paper presented at 3rd International Conference, ICEHG, Department of English, Shahjalal University of Science & Technology, Sylhet, Bangladesh, February 16-17.

Hossain, MP 2024, 'Justice (and Beyond) for international crimes in Bangladesh: Analysing the roles of laws, policies, and institutions', paper presented at European Cooperation of Science and Technology (COST) Final Conference at the University of Oslo, Faculty of Law, Norway, 19-20 February.

Hoque, N, Sohrab, MS, Rashid, PT, Tabassum, N, Begum, MN, Alam, M, Islam, S 2024, 'Isolation, identification and bioactivity of endophytic fungi associated with the medicinal plant Clausena excavata Burm. f.', paper presented virtually at *International Conference on Biology, Ecology and Life Sciences (ICBELS-24)*, Sydney, Australia, 22-23 April.

Hussain, R 2024, 'Economic restructuration and the digital transportation platforms in Dhaka, Bangladesh: Question of employment opportunities or employment vulnerability?', paper presented at Future of Work in the Global South and Global North Symposium, School of Social and Political Sciences, University of Melbourne, Australia, 2-3 May.

Islam, NN 2024, 'Mediation through dynamic assessment: Facilitating EFL learners' metacognition in speaking skills' paper presented at 6th International ELT and Applied Linguistics Conference, Tribhuvan University, Nepal, 27-28 April.

Jahan, I, Ameer, S and Tahsin, S 2024, 'A critical study of Rajkahini: Affective pedagogy to teach human dimension of history', paper presented at *Critical Affective Pedagogy for Bangladesh: Teaching Language, Literature, Cultural Studies and Communication in English Studies and Communication in English Studies Conference*, Department of English, Jahangirnagar University, Dhaka, 24-25 May.

Kabir, S, Biswas, AC, Shaikh, R, Paul, AK 2024, 'A comprehensive study on different variants of TCP protocol in wireless network', paper presented at 5th International Conference on Image Processing and Capsule Networks (ICIPCN) – 2024, Kathmandu University, Dhulikhel, Nepal, 3-4 July.

CONFERENCE PRESENTATION

Mashraf, A 2024, '10-year review of the torture and custodial death (prevention) act, 2013: Identifying existing shortcomings and recommending amendments', paper presented at NSU Law Conference: Law in the Contemporary World, North South University, Department of Law, Dhaka, Bangladesh, 14-16 February.

Rahaman, N, and Farhin, N, 2024, 'To the stars and beyond: Comparative legal analysis of space governance between Bangladesh and India', paper presented at 5th Annual International Conference on Comparative Law, School of Law, Amity University, Noida, Edith Cowan University, Australia, 09 – 10 February.

Rahman, MA and Akter, S 2024, 'A study of the effects of artificial intelligence on employment trends in Southeast Asia: A case analysis', paper presented at 2^{nd} RESILNAT-3C Conference, Romanian Institute of National Economy, Romania, 13-14 June.

Talukder, MK, Mahmud, S 2024, 'Steel helical piled raft—a sustainable foundation system for structure at soft soil sites in Dhaka', paper presented at National Seminar on Engineering and Technology for Smart Bangladesh, the 61st Annual Convention, Institution of Engineers (IEB), Dhaka.



SEMINAR PRESENTATION & WORKSHOP

Mohammad Pizuar Hossain, Senior Lecturer, Department of Law presented his paper titled 'Human rights abuses against the Rohingya in Myanmar: Exploring the role of transitional justice', at the 94th Seminar of East West University Center for Research and Training at East West University, Bangladesh.

Mr. Hossain presented another paper titled 'International justice mechanisms: roles of the international criminal court and the international court of justice in responding to atrocities against the Rohingya in Myanmar,' at the 3rd workshop on Participatory Action Research on Rohingya, organized by Asia Justice and Rights, Indonesia.

He also presented a paper titled 'Criminalizing ecocide under the Rome Statute: An addition or a diversion?', at a workshop on *An Abolition Movement for International Criminal Law?* at RMIT University in Melbourne, Australia, held on 28-28 June, 2024.

Nadia Rahaman, Senior Lecturer, Department of Law, conducted a session at the 'Basics of Mooting' in the 7th workshop on Mooting and Advocacy at East West University on June 1, 2024.

Ms. Rahman also presented a paper on 'Freedom of expression and media's role in effective governance' at the international seminar on Freedom of Expression and the role of media: Reflections on the Commonwealth latimer house principles, Commonwealth legal education association, 3-4 May.

Nabila Farhin and Nadia Rahaman, Senior Lecturers, Department of Law, East West University presented their paper 'Hidden struggles in rising tides: Exploring women's access to sexual and reproductive health rights in coastal Bangladesh during disasters', at the 98th Research Seminar, East West University Center for Research and Training (EWUCRT) on 28 April, 2024.

MEDIA

Professor Dr. Ashik Mosaddik's article 'Climate change induces anxiety in young people' was published in The Daily Star, p.10 on 7 April 2024.

Dr. Mosaddik was present as Special Guest at 'Shokaler Bangladesh', Jamuna TV on 21 May 2024 on the occasion of World Meditation Day.

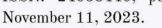
Research conducted by Dr. Md. Mobarak Hossain Khan, Md Rezwan Siddiqui, and Rubayat Kabir was featured on the online version of a leading newspaper, Pratidin. The article titled 'Study reveals changing attitudes of Bangladeshis towards Rohingya refugees,' based on the study conducted by the East-West University Center for Research and Training (CRT), sheds light on the shifting perceptions of the local Bangladeshi population towards Rohingya refugees.



ACHIEVEMENTS

Publication Reward

Professor Dr. Ahmed Wasif Reza, Department of Computer Science and Engineering, has received the Publication Reward from EWU for his article titled 'Sickle cell disease classification using deep learning', published in Q1 Journal 'Heliyon', ISSN: 24058440, published on



DOI: https://doi.org/10.1016/-

j.heliyon.2023.e22203

Professor Md. Fazlul Karim, Department of Mathematical and Physical Sciences, received the Publication Reward from EWU for his article titled 'A Numerical Investigation on Forced Convection Heat and Mass Transfer Performance in a Right Triangular Cavity' published in Q1 Journal 'International Journal of Thermofluids' ISSN: 26662027, vol. 9 Issue:12, published Online in November 20, 2023, Volume 21, February 2024, 100578, DOI: 10.1016/j.ijft.2024.100578



Md. Helal Uddin, Senior Lecturer, Department of Sociology received the Publication Reward from EWU for his article titled 'Family resilience and neighborhood factors affect the association between digital media use and mental health among children: does sleep mediate the association?' published in Q1 Journal 'European Journal of Pediatrics', ISSN: 14321076, published on March 16, 2023, vol. 182, pp. 2521-2534 DOI: https://-

doi.org/10.1007/s00431-023-04



Professor Shams Rahman from East West University and Dr Aswini Yadlapalli from RMIT University, Australia, have successfully completed supervising the PhD thesis of Alaa Aljedaani in April 2024. Dr. Aljedaani was a PhD student at RMIT University, Melbourne, Australia.

Dr Aljedaani developed a theoretical model that conceptualizes the digitalization of warehouses in Saudi Arabia. The results show that actions such as structuring, bundling, and leveraging are crucial to managing resources for warehouse digitalization. From a practical perspective, this study will guide managers in developing a step-by-step procedure for the digital transformation of their warehouses.

Dr. Tanbir Ahmed Chowdhury, Professor, Department of Business Administration, has been selected as external examiner to evaluate the Ph. D thesis of Mr. K. Vinayaga Moorthy with Code No. RIM-10, Ph.D Reg. #17910103 "Impact of Digital India Programme on Micro, Small and Medium Enterprises in Dindigul District, Department of Rural Industries and Management, Gandhigram Rural Institute-Deemed University, Tamil Nadu, India.

Professor Dr. Shamsun Nahar Khan, Department of Pharmacy, has been appointed for the second time as an evaluator for the Global Essay Competition by the International Organization for Chemical Sciences (IOCD) in collaboration with



(RSC). The IOCD's 2024 competition, "Young Voices in the Chemical Sciences for Sustainability," focuses on decarbonizing energy production and reducing greenhouse gases in manufacturing and agriculture.

Dr. Khan has also been invited as a distinguished speaker at the "World Forum for Women in Science: Envisioning Tomorrow: Science for the SDGs and New Partnerships for Sustainable Futures," hosted in Rome, Italy, from April 15-17, 2024.

ACHIEVEMENTS

She chaired the session 'COVID-19, Gender Disparities, and Health Solutions' on April 17.



Dr. Nikhil Chandra Shil FCMA, Professor, Department of Business Administration has received an invitation to join INTI International University, Malaysia as Research Fellow of the university from 15 March 2024 to 31 December 2025. As a Research Fellow, he will be actively involved in research symposium and various academic conferences, research consultancy services, development, and review of academic or research programs, delivery of guest lectures, etc.

Dr. Shil, Professor has also been appointed as one of Metharath University's Honorary Research Fellows from 2024 to 2027.

Dr. Dilara Begum, Associate Professor & Chairperson, Department of Information Studies received a 'Certificate of Excellence in Reviewing' from the DESIDOC Journal of Library & Information Technology on April 29, 2024. This prestigious award acknowledges and appreciates Dr. Begum's exceptional contributions to enhancing the journal's quality throughout the year 2023.

Dr. Begum was invited to participate in an international research project titled 'Librarians' AI Perceptions'.

In addition, Dr. Begum participated in the 5th A-ICONICS (Adab-International Conference on Information and Cultural Sciences) as an Invited Speaker. She presented on the topic titled 'The practice of coexistence in library & information science (LIS)'. The conference was organized by Kırıkkale University Faculty of Islamic Sciences, Turkiye; Azerbaijan Institute of Theology, Azerbaijan; Fakultas Adab dan Ilmu Budaya UIN Sunan Kalijaga Yogyakarta, Indonesia; Kırıkkale University Islamic Countries Application and Research Center, Turkiye and Moral Values Promotion Foundation, Azerbaijan held from 28-30 May 2024.



Dr. Begum also participated in the 2024 forum on Future of World Academic Libraries (WAL) as an Invited Speaker. The Conference was held in Beijing, China from 24-27 June 2024. She presented a paper on Strategic Planning for Sustainable LIS Profession in the World of Artificial Intelligence (AI).

Dr. Begum has been invited to join a fully funded research project titled 'Public Servents' capacity development for realization of the sustainable development goals (SGDS): A study on the training curriculum of government training instititions in Bangladesh as Deputy Lead Researcher. The research project was funded by the Bangladesh Civil Service Administration Academy.

ACHIEVEMENTS

Dr. Nazia Hoque, Associate Professor, Department of Pharmacy has been awarded the prestigious Fulbright Visiting Scholar Fellowship 2024-25 by J. William Fulbright Scholarship Foreign Board administered by the U.S. Department of State's Educational Cultural Affairs



She will conduct her postdoctoral research as a Fulbright Visiting Scholar on the topic entitled 'Investigation of novel fungal-derived secondary metabolites as potential therapies for vascular dysfunction, atherosclerosis and high blood pressure' in the Department of Pharmaceutical Sciences, College of Pharmacy, Mercer University, Georgia. During the nine-month grant period of this esteemed Postdoctoral Fellowship starting from September 2024, Dr. Hoque will examine the role of selected fungal-derived molecules in inhibiting blood vessel wall inflammation and high blood pressure using a combination of different in vitro, in vivo and biomolecular techniques.

Md. Helal Uddin, Senior Lecturer, Department of Sociology, was invited as a Panelist for the session, 'Gender Equality and Women Empowerment of Bangladesh' at National Women's Health and Gender Equality Conference 2024 arranged by Bangladesh Community Health Foundation held at BRAC Center, Dhaka, Bangladesh on 8th June 2024.

Ali Mashraf, Lecturer, Department of Law, received the 'Professor Mahfuza Khanam-Barrister Shafique Ahmed Trust Fund Scholarship' from the University of Dhaka in recognition of his academic achievement for scoring the top CGPA among male students of the 2015-16 session of the Department of Law, University of Dhaka.

Monisha Biswas, Senior Lecturer, Department of English, successfully completed an OPEN (Online Professional English Network) certificate course on Teaching and Developing Academic Writing with 99.21% marks (377 out of 380 marks). The two-month long course (April 9, 2024- June 3, 2024) was sponsored by the U.S. Department of State with funding provided by the U.S. government and administered by FHI 360. The course was offered by Iowa State University.

Mohammad Pizuar Hossain served as a supervisor for two Tech Policy Fellows of Digitally Right, Bangladesh in 2023-24. The titles of the research papers are: "The Role of Digitalization in the Microfinance Sector: A Focus on the Women Borrowers in Bangladesh", and "Personal Information Security Risks in Passport Services: The Bangladesh Context".

He along with other authors published a booklet titled 'Yearning for our rights and longing for our homeland: Rohingya youth respond to atrocities', vol. 2. This booklet is published by *Asia Justice and Rights*, Jakarta, Indonesia, as an outcome of its one-yearesearch project, conducted in the Rohingya refugee camp in the Cox's Bazar region of Bangladesh from January – December 2023.

Ms. Nadia Rahaman and Ms. Nabila Farhin, Senior Lecturers at the Department of Law, won the 'Best Paper' award for their work titled 'To the Stars and Beyond: A Comparative Legal Analysis of Space Governance between Bangladesh and India'. This accolade was presented at the 5th Annual International Conference on Comparative Law, jointly organized by the School of Law at Amity University, Noida, and Edith Cowan University, Australia, held from February 9-10, 2024. Their paper was selected from 400 global submissions, ranking in the top 5%, and was prominently featured in the conference proceedings, highlighting the significance and impact of their research.

