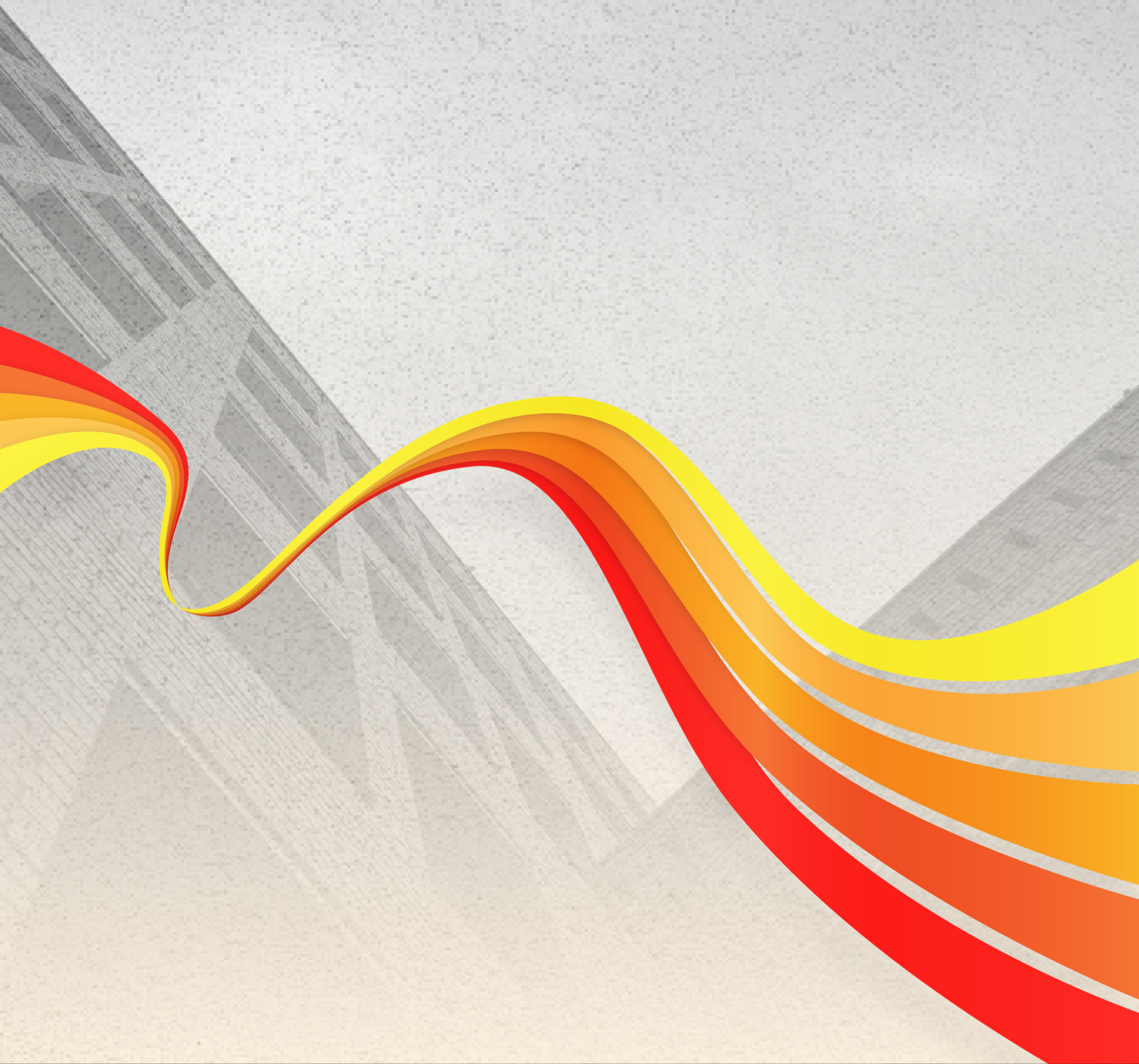


VC NEWSLETTER

ISSUE 02, FEBRUARY - MARCH 2024



Message

FROM THE VC



I am delighted to share with you the second issue of the VC Newsletter. It is good to see a notable increase in research activity and publication over the past two months. As we navigate this dynamic landscape, it's clear that Research and Innovation (R&I) will be an integral part of our workload alongside Learning and Teaching (L&T). No doubt, research funding is critical to conduct research. I encourage academics to explore funding opportunities from CRTEWU and other external sources to support research endeavors.

Over 65% of our academics are lecturers and senior lecturers. Many of these academics have rarely published in academic journals and written grant applications. They need our mentorship support. I request senior academics to mentor our junior colleagues, fostering theoretical research and research aligned with industry needs.

Let's continue our journey of academic excellence together.

Professor Dr Shams Rahman
Vice Chancellor
East West University

Research Grant

Research and Publications

Journal Publications

Book Chapters

Conference Proceeding

Conference Presentation

Seminar Presentation

Media

Achievements

RESEARCH GRANTS

Dr. Muhammed Shahriar Haque, Professor, Department of English, East West University received fund from the Centre for Research and Training East West University (CRTEWU) for his research proposal “Teaching Myanmar Curriculum in the World’s Largest Refugee Camp: A Critical Insight”.



JOURNAL PUBLICATIONS

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Chowdhury, M A F, Prince, E R, Shoyeb, M, and Abdullah, M 2024, 'The threshold effect of institutional quality on sovereign debt and economic stability,' *Journal of Policy Modeling*, vol. 46, no 1, pp. 39-59.

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Ahsan, M 2023, 'Exploring urban poverty in Bangladesh: dynamics, coping strategies and beyond', *Topkapı Journal of Social Sciences*, vol. 2, no. 1, pp. 91-114.

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Ullah MA, Moin AT, Nipa JF, Islam NN, Johora FT, Chowdhury RH, et al. 2024, 'Exploring risk factors and molecular targets in leukemia patients with COVID-19: a bioinformatics analysis of differential gene expression,' *Journal of Leukocyte Biology*, vol. 115, no. 4, pp. 723–37.

Samad, J 2023, 'Mission Awry' Re-examining America's Invasion of Iraq after 20 years', *Journal Of Applied Professional Studies*, vol. 4, no. 9, pp. 02-17.

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Paul, A K and Bhuiyan, Y S 2024, 'EchoTrace: A 2D Echocardiography Deep Learning Approach for Left Ventricular Ejection Fraction Prediction', *Journal of Electronics and Electrical Engineering (JEEE)*, vol. 3, no. 1, pp. 1-20.

Rasel, M. K 2024, 'FAW: Flag aligned word-based encoding for in-place integers compression,' *Software Impacts*, vol. 19, pp. 100612.

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BOOK CHAPTERS

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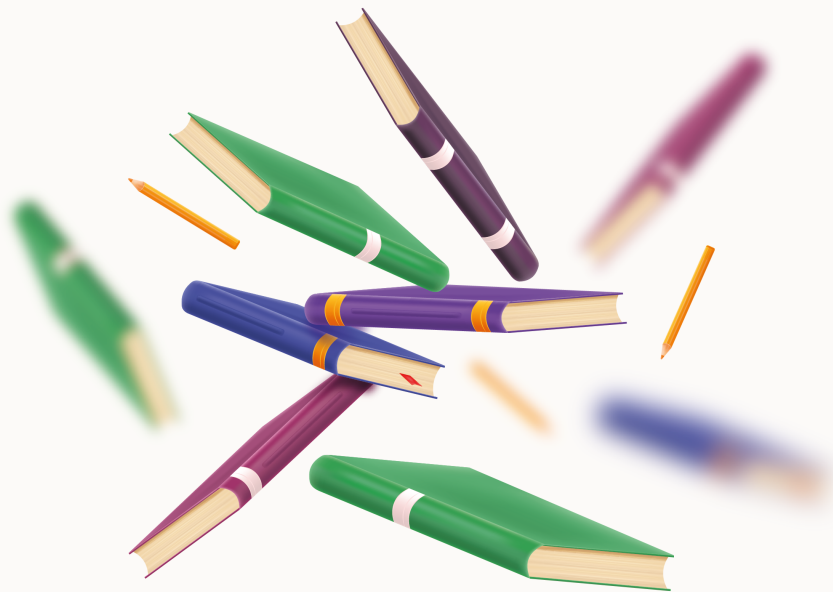
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Haque, M N and Shiam, M M H. 2024, 'Flap effect on flow field past bluff bridge deck', in proceedings of *7th International Conference on Civil Engineering for Sustainable Development, KUET, Khulna, Bangladesh.*

Nabi, N and Khan, M H A 2024, 'Android malware categorization and characterization using machine learning,' *2024, International Conference on Advances in Computing, Communication, Electrical and Smart Systems (iCACCESS 2024)*, pp. 01-06.

Vasker, N, Hasan, M, Nuha, M B R, Jahan, S, Tahsin, M and Emon, M Y A 2023, 'Real-time Classification of Bone Fractures Utilizing Different Convolutional Neural Network Approaches,' in *26th International Conference on Computer and Information Technology (ICCIT)*, pp. 01-06.

Bosunia, N A, Prity, J A, Jabin, J J, Hasan, M, Rashid, M R A and Tuhin, R A 2023, 'An application of decentralized product authentication system for supply chain management using blockchain technology,' in *26th International Conference on Computer and Information Technology (ICCIT)*, pp. 01-06.

Gani, R, Isty, M N, Rimi, R A, Parsub, W R, Islam, M S, Priyanka, M M, Rashid, M R A, Hasan, M, Mansoor, N and Adnan, M N 2024, 'Impact of AI in healthcare services: analysis using medical synthetic data' in *2024 International Conference on Advances in Computing, Communication, Electrical, and Smart Systems (iCACCESS)*, pp. 01-06.

Sagor, A S, Shuha, J A, Moniruzzaman, M D, Uddin, M M, Tuhin, R A, and Khan, M S H 2023, 'Bangladeshi food classification using transfer learning and ensemble model,' in *26th International Conference on Computer and Information Technology (ICCIT)*, pp. 01-06.

Dipto, A S, Limon, M M R, Tuba, F T, Uddin, M M, Khan, M S H, and Tuhin, R A 2023, 'On cognitive level classification of assessment-items using pre-trained BERT-based model', in Proceedings of the *7th International Conference on Natural Language Processing and Information Retrieval (NLPIR)*, pp. 245-251.

Bhuiyan, M S, Sarah, A R, Khan, S, Kawsar, A, Reza, A W 2024, 'An Improved Framework for Power Efficiency and Resource Distribution in Cloud Computing Using Machine Learning Algorithm,' In: Arefin, M.S., Kaiser, M.S., Bhuiyan, T., Dey, N., Mahmud, M. (eds) proceedings of the *2nd International Conference on Big Data, IoT and Machine Learning. BIM 2023*. Lecture notes in Networks and Systems, vol 867. Springer, Singapore. (SCOPUS-Cited Publication).

RESEARCH AND PUBLICATIONS

CONFERENCE PRESENTATION

Rahman, S, Al-Shuaili, T, Al-Mamun, A & Sana, A 2024, 'PANI- rGO composite electro-catalyst coated cathode to improve the microbial desalination cell performance' paper presented at *Oman Conference for Environmental Sustainability, Environment Authority, Sultanate of Oman*.

Jahan, I 2024, 'The looking glass border in bishorjon and bijoya', paper presented at *International Conference on Film Studies (ICFS—24)*, organized by Research Fora, Sydney, Australia. 22-23 February, 2024.

Begum, D 2024, 'Enhancing institutional rankings: The pivotal role of libraries and librarians', paper presented at *International Online Conference 2024 on Libraries beyond Libraries: Innovation, Inclusion and Integration*, C. H. Mohammed Koya Library, University of Calicut, Kerala, India, 22-24 February 2024.

Ahsan, M 2023, 'Dreams versus reality: perceptions of university students on education for career development', paper presented at *International Conference on Academic Studies in Science and Education*, International Society for Academic Research in Science, Technology, and Education, Istanbul, Turkey, 21-24 December.

Tanjeela, M 2024, 'Bridging the gap: socio-economic challenges and psychological insecurities among aging population of Bangladesh', paper presented at *Network for Education and Research on Peace and Sustainability (NERPS) Conference 2024*, Hiroshima University, Japan, 05-08 March.

Khatun, F Tithi, N S, Nasrin, N and Islam, S 2024, 'Carriage status of *Streptococcus pneumoniae* and their antibiotic resistance profiles among healthy school children in Dhaka, Bangladesh', paper presentation at *BCSIR CONGRESS-2023*, Dhaka, Bangladesh, 08-10 March.

Rahman, D Sakib, M N, Siddiqui, S A, Modina, R R 2024 'Exploring students' attitudes towards using ChatGPT in English for academic writing' paper presentation at *2nd TESOL BD International Conference 2024- TESOL in Transition:4th Industrial Revolution and Beyond*, International Mother Language Institute, Dhaka, Bangladesh.

Nabi, N and M H A Khan, 2024, 'Android malware categorization and characterization using machine learning,' paper presented at *2024 International Conference on Advances in Computing, Communication, Electrical and Smart Systems (iCACCESS 2024)*.

Gani, R, Isty, M N, Rimi, R A, Parsub, W R, Islam, M S, Priyanka, M M, Rashid, M R A, Hasan, M, Mansoor, N and Adnan, M N 2024, 'Impact of AI in healthcare services: analysis using medical synthetic data', paper presented at *2024 International Conference on Advances in Computing, Communication, Electrical, and Smart Systems (iCACCESS)*.

Faiza, N and Kabir, M M 2024, 'Identification and characterization of a novel pectinase producing bacterial strain *Bacillus tropicus* FR-16 from the soil of Banasree market in Dhaka', paper presented at *Bangladesh Council of Scientific and Industrial Research (BCSIR) Congress 2023*, Dhaka, Bangladesh, 08-10 March.

SEMINAR PRESENTATION

Centre for Research and Training East West University (CRTEWU) organized the following seminars:

1. Title: 'Use and Abuse of Statistics'

Prsenter: A.H.M. Rahmatullah Imon, Professor Emeritus of Statistics, Department of Mathematical Sciences, Ball State University, Muncie, Indiana, USA.

Date: February 08, 2024.

2. Title: 'Rohingya Influx in Bangladesh: Perceptions and Attitudes of the Local Population'

Prsenter: Dr. Mobarak Hossain Khan, Professor, Mr. Rezwan Siddiqui and Ms. Rubayat Kabir, Senior Lecturer, Department of Social Relations, East West University.

Date: March 07, 2024.

3. Title: 'Human Rights Abuses against the Rohingya in Myanmar: Exploring the Role of Transitional Justice'

Prsenter: Mohammad Pizuar Hossain, Senior Lecturer, Department of Law, East West University.

Date: March 14, 2024.

Hussain, R 2024, 'Information economy, employment vulnerability and the development of new urban marginality: the case of Bangladesh', *Brownbag Seminar Series*, Department of Sociology, East West University, Dhaka, Bangladesh. 28th March, 2024.

Bari, E and Munim, S S, 'Economics of social forestry', paper presented at seminar organized by IUCN Bangladesh office in collaboration with the Bangladesh Forest Division.



Choudhury, Ishfaq, Ilahi, 2024, 'Ship Kidnapping', *The Daily Samakal*, 20 April 2024, p. 04.

Mosaddik, MA, Begum, D, 2024, 'Role of libraries in building 'Smart Bangladesh'', *The Financial Express*, 6 February, p. 14.

Mosaddik, Ashik MA, 'Bridging the healthcare chasm in Bangladesh' on World Cancer Day, *Dhaka Tribune*, 4 February, 2024, <https://epaper.dhakatribune.com/?date=2024-02-04&edition=1&page=3>

Mosaddik, MA, 2024, '২০২৪: 'প্রযুক্তি' ও 'যুক্তি'র বছরে সিদ্ধান্ত নিন ভেবে-চিন্তে...' Interviewed by Khan Mahammad Mamun, '*Daily Campus*' 06 February, 2024, <https://thedailycampus.com/interview/135140/>

Parvin, S. 2024, 'Combatting digital amnesia: The crucial role of librarians in the age of information overload', *IFLA Academic and Research Libraries Section*, blog post, 13 March, 2024, <https://blogs.ifla.org/arl/2024/03/13/combating-digital-amnesia-the-crucial-role-of-librarians-in-the-age-of-information-overload/>



ACHIEVEMENTS

Professor Dr. Ahmed Wasif Reza from the Department of Computer Science and Engineering (CSE), won the “Best Researcher” award in 7 continents R&D awards-24: The award ceremony of 7 Continents R&D Awards-24 was held on 10 March 2024 at Hyderabad, India. After rigorous scrutiny, the committee honoured Professor Dr. Ahmed Wasif Reza with the “Best Researcher” Award.

He has also been appointed as an "Academic Auditor" for the Accreditation Committee and the Bangladesh Accreditation Council (BAC) Academic Audit.

Dr. Wasif also won the R&D Awards-2024 in the field of Computer Science and Engineering. Furthermore, he has been appointed by the University Grants Commission of Bangladesh (UGC), as an Expert Member of the Quality Assurance Committee (QAC) for 3 years (effective from December 2023).



Mohammad Salah Uddin and Md. Sabbir Hossain Khan has been honoured with the Best Paper Award for their paper titled ‘SAHMS: Smart Animal Health Monitoring System,’ at the *International Conference on Recent Advances in Artificial Intelligence & Smart Applications (RAAISA)*, held in Kolkata, India, on December 14 to 15, 2023.

S. T. Rahman, N. Vasker, A. K. Ahammed, M. Hasan received the best paper award for their paper titled ‘Advancing Cucumber Disease Detection in Agriculture through Machine Vision and Drone Technology’, at the *2nd International Conference on Cyber Intelligence and Information Retrieval*.

Dr. Dilara Begum, Associate Professor and Chairperson, Department of Information Studies, was invited by the Department of Archives and Library, Ministry of Cultural Affairs, Government of the People's Republic of Bangladesh to deliver the Keynote Speech on the occasion of National Library Day 2024.

Dr. Begum has also been selected as the external examiner panel member for the following Ph.D. degrees:

PhD

ICT and Human Resource Development in academic library and information centres in Chennai (Madras): An analytical study.

PhD

Scientometric analysis of literature on Marine Engineering Research using Scopus database.

PhD

Software for Multilingual Search in the Libraries of Bangladesh: A model plan.

MPhil

A Plan for the Development of Institutional Repositories in University Libraries of Bangladesh.

Dr. Mumita Tanjeela achieved the Best Presenter Award for her presentation titled 'Bridging the gap: socio-economic challenges and psychological prepenth insecurities among aging population of Bangladesh' on March 6th at the *Network for Education and Research on Peace & Sustainability her (NERPS) Conference 2024* held at Hiroshima University, Japan, from March 5th to 8th, 2024.

Md. Mohiuddin Kabir, Ph.D., Associate Professor & CRT Project PI, Dept. of Genetic Engineering & Biotechnology, has been appointed as an Academic Editor of journal *Advances in Research*.

Dr. Kabir also received ‘Certificate of Appreciation’ on 06 February 2024 from *Journal of Advances in Biology & Biotechnology* in recognition of an outstanding contribution as Academic Editor during peer-review.

ACHIEVEMENTS

Publication Reward



Professor **Syed Abul Basher**, Department of Economics, has received the publication reward for his article titled 'Regional Income Dynamics in Bangladesh' published in Q1 Journal *Empirical Economics*, ISSN: 1435-8921, published on June 13, 2023.
<http://dx.doi.org/10.2139/ssrn.3927154>



Dr. Farhana Rizwan, Associate Professor, Department of Pharmacy, received the publication reward for her article titled 'Burnout risks in Bangladeshi Physicians: A multi-center cross-sectional study' published in Q1 Journal *Heliyon*, ISSN:2405-8440, vol. 9, no. 12, Published online: November 20, 2023
DOI: 10.1016/j.heliyon.2023.e22386



Dr. Nazia Hoque, Associate Professor, Department of Pharmacy, has received the publication reward for her article titled 'Antimicrobial, antioxidant and cytotoxic properties of endophytic fungi isolated from *Thysanolaena maxima* Roxb,x Schott.' published in Q1 Journal *BMC Complementary Medicine and Therapies*, ISSN:26627671, Published on 30 September 2023 Article number:347 (2023).
<https://doi.org/10.1186/s12906-023-04185-4>



Dr. Thamina Acter, Assistant Professor, Department of Mathematical and Physical Sciences, has received the publication award for her article titled 'Environmental Petroleomics – application of ultrahigh-resolution mass spectrometry for molecular-level understanding of the fate of spilled oils', published in Q1 Journal *Trends in Environmental Analytical Chemistry*, ISSN: 22141588, vol. 40, published in December 2023.
DOI:10.1016/j.teac.2023.e00212

Md Anwer Hossain, Lecturer, Department of Social Relations, has been accepted as a Doctoral Student at the prestigious Max Planck Institute for Demographic Research (MPIDR).

Md Rezwan Siddiqui, Senior Lecturer, Department of Social Relations, was elected as one of the members of the Executive Committee of the renowned NGO Disabled Rehabilitation and Research Association (DRRA).

Dr. S. R. Lasker Library, East West University (EWU) has been recognized by Open Education Global for its celebration activities during Open Education Week 2024. The library's efforts were featured on the Open Education Global website (<https://oeweek.oeglobal.org/activity/dr-s-r-lasker-library-east-west-university-celebrated-open-education-week-2024/>)

ACHIEVEMENTS

Association of Chartered Certified Accountants (ACCA) handed over the accreditation certificate to East West University

The Accounting Discipline of the Department of Business Administration of East West University and ACCA Bangladesh has jointly organized a seminar titled "Be you, Anywhere with ACCA Bangladesh". Professor Dr. Mohammad Ashik Mosaddik, Pro-Vice Chancellor of the University was present in the program along with Ms. Prawma Tapashi Khan FCCA, Country Manager of ACCA Bangladesh. ACCA has accredited BBA major in accounting program of EWU offering a total of 6 papers waiver

out of 13 to EWU graduates with major in accounting. In this program, ACCA Bangladesh has handed over the accreditation certificate formally which was received by Professor Dr. Mohammad Ashik Mosaddik on behalf of the university. There was a presentation made by the ACCA team with a plenary session. The Pro-Vice Chancellor of the university has encouraged students to pursue professional degrees for a brilliant career ahead. More than 120 students have joined the program. The seminar ended with a vibrant question and answer session.





A/3, JARIBUL ISLAM AVENUE
JARIBUL ISLAM CITY, UTARAKANDAH
DHAKA-1109, BANGLADESH
02-55044678, 9986671527,
0233367034, 0859755044
ABAD1109@EASTWESTU.EDU, INFO@EASTWESTU.EDU

EDITOR

FARZANA AKHTER, PH.D.
DEAN, FACULTY OF LIBERAL ARTS AND SOCIAL SCIENCES
ASSOCIATE PROFESSOR, DEPARTMENT OF ENGLISH

EDITORIAL ASSISTANT

SM MOHIUDDIN
PUBLIC RELATIONS OFFICER

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