

EAST WEST UNIVERSITY

● VOLUME 1, ISSUE 04

# VC NEWSLETTER

JULY 2024 - SEPTEMBER 2024



# MESSAGE FROM THE VICE CHANCELLOR



As we approach the end of the year, I am filled with joy to celebrate the release of the fourth issue of the VC Newsletter. It is truly rewarding to reflect on how far we have come since launching this initiative in January 2024, and I eagerly anticipate many more editions in the years ahead.

The publication of these four issues indicates the growing enthusiasm and pursuit in our research community, which is a fantastic development. To enhance the impact of the VC Newsletter, we have exciting plans to expand its content. We aim to introduce several new sections highlighting developmental opportunities and fostering collaboration between our faculty and research students. We envision a dedicated section showcasing the innovative research endeavors of our students, including updates on their presentations at conferences and other academic forums. I believe this will not only celebrate their achievements but also serve to inspire and engage the wider community. By facilitating stronger partnerships between faculty and students, we aim to create a vibrant environment that encourages shared learning and growth. Overall, the future looks bright for our VC Newsletter, and I am thrilled to see how it will evolve.

Wishing you all a happy and successful 2025!



Professor Dr. Shams Rahman  
Vice Chancellor  
East West University

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# RESEARCH GRANT

Dr. Fouzia Mannan, Professor, Department of Sociology, has been awarded research grants by International Rice Research Institute (IRRI) for her project titled "Power, Politics, and Elite Capture of Fresh Water Canals: A Feminist Political Ecological Analysis." This five-month study began on April 1, 2024, and concluded in August 2024, with a journal article planned for submission by January 2025.



Nabila Farhin and Nadia Rahaman, Senior Lecturers of the Department of Law received funds from the Centre for Research and Training East West University (CRTEWU) for their research proposal "Hidden Struggles in Rising Tides: Exploring Women's Access to Sexual and Reproductive Health Rights in Coastal Bangladesh During Disasters."



Nadia Rahaman



Nabila Farhin

Saifa Haque, Senior Lecturer of the Department of English, received funds from United International University, Bangladesh for a research project on "Impact of Blended Learning on Learner Motivation and Self-Efficacy in EFL Writing Classrooms at Bangladeshi Universities". This twelfth-month project will end in July 2025. The project will run in collaboration with United International University and University of Asia Pacific.



# JOURNAL PUBLICATIONS

Akter, M., Ahmed, A., Momen, MA., Sultana, N., Sultana, S. and Ferdousi, F (2024), "Determinants of online merchants' satisfaction on third party logistics in a developing nation: A Partial Least Square (PLS) Approach", *Cogent Business and Management*, vol. 11, no. 1.

Akter, S., Shetu, J. F., and Mahbub, F. B. (2024), "Impact of Ukraine-Russia war on online business in Bangladesh: A case study on book-o-pedia," *Kardan Journal of Economics and Management Sciences (KJEMS)*, vol. 7, no. 1. pp. 25-41.

Akter, S., Arko, N. M. K., and Ashrafi, T. (2024), "Hooked by Curiosity: The Zeigarnik Effect Amplifying Customer Loyalty and Brand Advocacy through Thumb Stopper Advertisements", *Turkish Journal of Marketing*, vol. 9, no. 3, pp. 66-82.

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Biswas, M. S., Sultana, A., and Wares-Ul-Matin (2024), "Modeling a consortium for medical college libraries in Bangladesh: A proposal," *Journal of Advances in Library and Information Science*, vol. 13, no. 3, pp. 128-141.

Das, S., Basher, S.A., Baffour, B., et al. (2024), "Improved estimates of child malnutrition trends in Bangladesh using remote-sensed data," *Journal of Population Economics*, vol. 37, article no. 67.

Hossain, M.P. (2024), "COVID-19 pandemic and the challenges in providing restorative justice services in Scotland: a qualitative study," *International Journal of Restorative Justice*, vol. 7, no. 2, pp. 1-25.

Hasnat, S., Hoque, M.N., Mahbub, M.M., Sakif, T.I., Shahinuzzaman, A.D.A. and Islam, T. (2024), "Pantothenate kinase: a promising therapeutic target against pathogenic Clostridium species," *Heliyon*, vol. 10, no. 14, p. e34544.

Islam, M., Niloy, N.T., Hasan, I., Rupin, R.J., Chowdhury, M., Fahim, S.F., Ashhab, M.M., Islam, M.M., Ali, M.S. and Rashid, M.R.A. (2024), "An extensive photographic dataset to classify laptop components for automating e-waste management by recycling old laptops," *Data in Brief*, p.111122

Islam, M.T., Prattay, A.A.S., Akbor, M.S., Bhuia, M.S., Islam, M.A., Saifuzzaman, M. (2024), "Anxiolytic-like effect of daidzin possibly through GABAA receptor  $\alpha 2$  and  $\alpha 3$  subunits interaction pathway: In vivo and in silico studies," *Pharmacological Research - Natural Products*, vol. 5, p. 100090.

Islam, M.M., Rahman, S., Hoque, N., Al Mamun, M., Moheuddin, M.S., Ali, M.S., Rashid, M.R.A., Masum, S., Ferdaus, M.H., Niloy, N.T. and Rahman, M.A. (2024), "REMP: A unique dataset of rare and endangered medicinal plants in Bangladesh for sustainable healing and biodiversity conservation," *Data in Brief*, vol. 57, p.110895.

# JOURNAL PUBLICATIONS

Islam, M.T., Ferdous, J., Hasan, M.S.A., Hashem, A., Bappi, M.H., Ansari, S.A., Islam, M.A., Saifuzzaman, M. (2024), "Phytol exerts sedative-like effects and modulates the diazepam and flumazenil's action, possibly through the GABAA receptor interaction pathway," *Neuroscience Letters*, vol. 842, p.138007.

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Kaminy, K. (2024), "Gender and Environment in Amitav Ghosh's Nonfiction: Encountering Climate Change and Nuclear Threat," *Women's Link*, vol. 31, no.2, pp.90-98.

Mahmud, M.R. and Reza, R.B. (2024), "Anti-women misinformation on YouTube," *COMMUSTY Journal of Communication Studies and Society*, vol. 3, no. 1, pp. 1-8.

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Rafa, M.R. and Basher, S.A. (2024), "An empirical investigation of Bangladesh's inflation dynamics: evaluating persistence and identifying structural breaks," *Humanities and Social Sciences Communications*, vol. 11, no. 1, article 1508.

Rahman, M.A., Hamada, M., Sharmin, S., Rimi, T.A., Talukder, A.S., Imran, N., Kobra, K., Ahmed, M.R., Rabbi, M., Matin, M.M.H. and Ali, M.A. (2024), "Enhancing Early Breast Cancer Detection through Advanced Data Analysis", *IEEE Access*, vol. 12, pp. 161941 - 161953.

Sarker, M. H., Hussain, M. H., Neik, T. X., Hasan, M. Z., Wee, W. Y., Tan, H. S., Ko, S., and Song, B.K. (2024), "Screening of heat stress-tolerant weedy rice and SNP identification of heat-tolerance-related genes," *Plant Biotechnology Reports*, vol. 18, pp. 659-672.

# JOURNAL PUBLICATIONS

Samad, J. (2024), "Humanism is not enough: leo strauss's introduction to thoughts on Machiavelli," *Interpretation: A Journal of Political Philosophy*, vol. 51, no. 1, pp. 19-39.

Uddin, H., Islam, A., Lata, L.N., Nahar, S., Hossin, M.Z. and Uddin, J. (2024), "Associations of threat and deprivation-related childhood exposures with children's mental health and flourishing: The moderating role of family resilience," *Children and Youth Services Review*, vol. 166, p.107912.

Uddin, H., Hasan, M.K., Cuartas-Alvarez, T. and Castro-Delgado, R. (2024), "Effects of mass casualty incidents on anxiety, depression, and post-traumatic stress disorder among doctors and nurses: a systematic review," *Public Health*, vol. 234, pp. 132-142.

Zeb, S., Yatim, S.A.M., Rafiq, M., Ahmad, W., Kamran, A. and Karim, M.F. (2024), "Treatment and delay control strategy for a non linear rift valley fever epidemic model," *AIP Advances*, vol. 14, no. 115104.

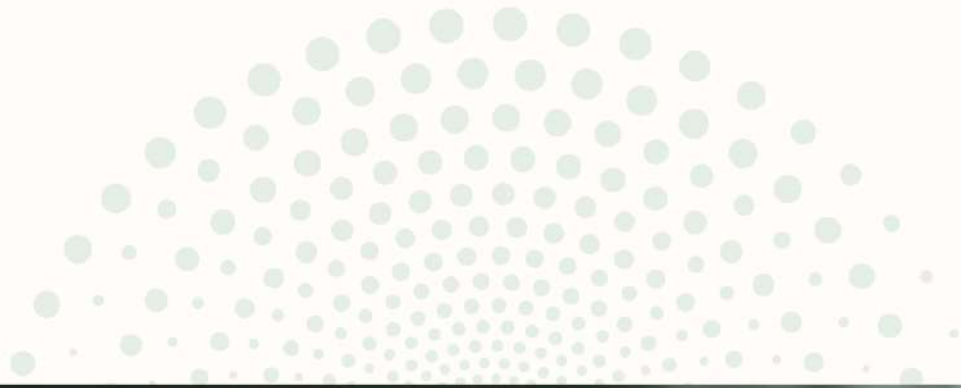
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# BOOK CHAPTERS

Haque, M.E. and Mashraf, A. (2024), “Bangladesh,” in Barroso, L.R. et al. (ed.), *The 2023 International Review of Constitutional Reform*, Texas: University of Texas at Austin, pp. 41–45.

Mosaddik, A., Akanda, M.K.M., Pal, T.R. and Elaissari, A. 2024, “Advances in nano-biomaterials for effective antimicrobial therapy,” in Pradhan, M., Yadav, K., and Chauhan, N. S, (eds), *Biomaterial-Inspired Nanomedicines for Targeted Therapies*, Singapore: Springer. pp 425-450.



# CONFERENCE PROCEEDING

Fahim, S.F., Sounok, S.A., Shaeed, N., Orpa, M.H. and Niloy, N.T. (2024), "Analyzing user sentiment in google play store reviews: A natural language processing approach" in proceedings of *15<sup>th</sup> International Conference on Computing Communication and Networking Technologies (ICCCNT)*, IEEE, June 2024, pp. 1-5

Islam, M., Islam, M.M., Ali, M.S., Niloy, N.T., Chowdhury, A. and Avik, S.C. (2024), "Ensemble method for predicting student performance and dropout risk," in proceedings of *International Conference on Recent Advances in Artificial Intelligence & Smart Applications, RAAISA 2023*, Singapore: Springer Nature Singapore, December 2023, pp. 269-278.

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Uddin, M.S., Ghosh, D. and Aurnab, A.A. (2024), "Design a COVID-19 vaccination status verification system using face recognition for Bangladesh," in Mandal, J. K., Hinchey, M., Chakrabarti, S., (eds), in proceedings of *Recent Advances in Artificial Intelligence & Smart Applications, RAAISA 2023*, Singapore: Springer Nature, Singapore, December 2023, pp. 193-206.

Uddin, M.S. (2024), "YOLO-Prayer: prayer posture detection using YOLOv5 with multisource data Integration," in proceedings of *International Conference on Trends in Sustainable Computing and Machine Intelligence (ICTSM 2024)*, Singapore: Springer Nature, Singapore, September 2024.

Uddin, M.S. and Khan, M.S.H. (2024), "SAHMS: smart animal health monitoring system," in Mandal, J. K., Hinchey, M., Chakrabarti, S., (eds) in proceedings of *International Conference on Recent Advances in Artificial Intelligence & Smart Applications, RAAISA 2023*, Singapore: Springer Nature, Singapore, December 2023, pp. 247-259.

Vasker, N., Uddin, M.S., Tahsin, M. and Nafisa, A.T. (2024), "EnDFUD: enhanced diabetic foot ulcer detection with DETR and YOLOv5," in proceedings of *International Conference on Recent Advances in Artificial Intelligence & Smart Applications, RAAISA 2023*, Singapore: Springer Nature, Singapore, December 2023, pp. 179-191.

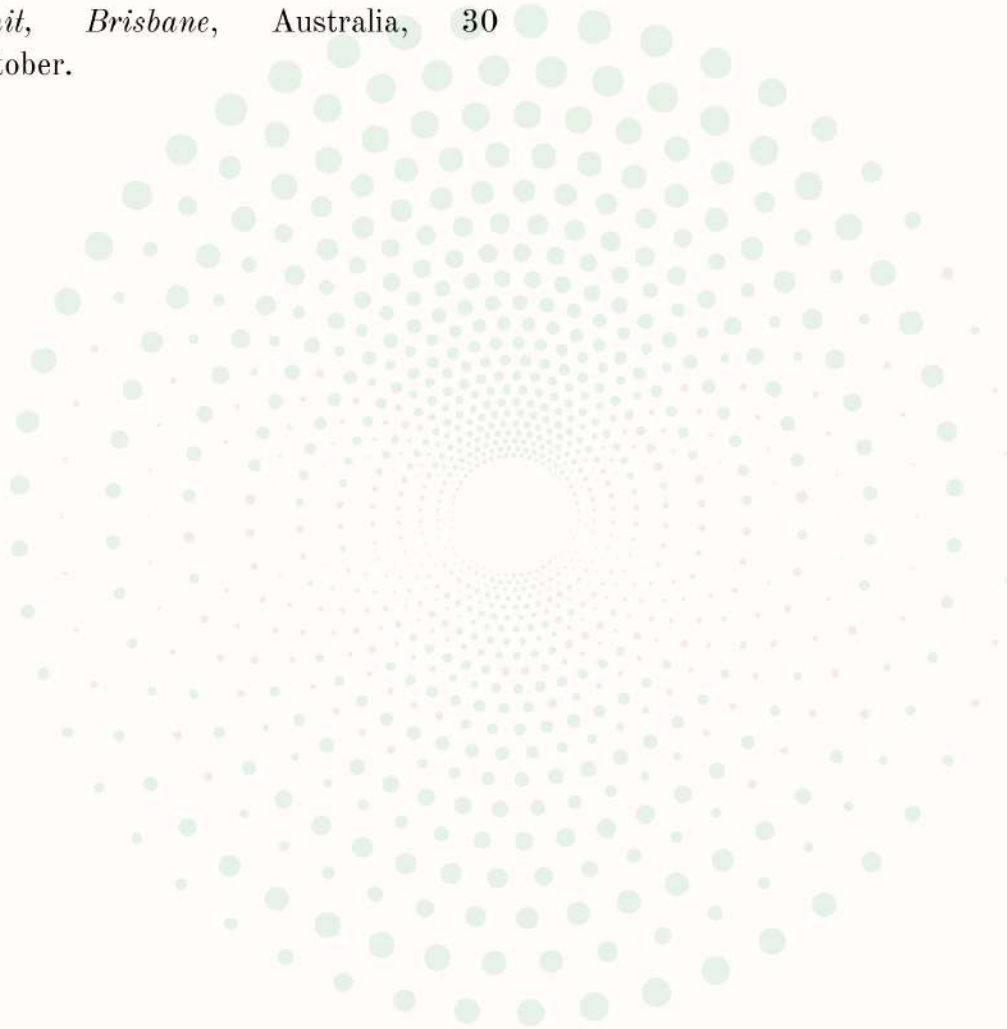


# CONFERENCE PRESENTATION

Begum, D. (2024), "Readiness to adopt artificial intelligence (AI) in libraries information professionals' perspective from a developing country," paper presented at *IFLA Information Futures Summit*, Brisbane, Australia, 30 September-03 October.

Begum, D. (2024), "Visible progress-open access and open research," paper presented at *IFLA Information Futures Summit, Brisbane, Australia*, 30 September-03 October.

Farhin, N., and Rahaman, N. (2024), "Journey towards resilient Bangladesh: access to disaster risk information in robust database" in *2<sup>nd</sup> International Conference on Environmental Justice*, Centre for Environmental Law and Policy (ICEJ), 31 August-7 September 2024.



# SEMINAR & WORKSHOP

Begum, D. (2024), "Strategic planning for sustainable LIS profession in the world of AI," paper presented at 100th Seminar of the Center for Research and Training East West University, CRTEWU, 22 September.

Ema S.A. (2024), "Light Bridges: Linking the Distant Past to the Modern Universe," Departmental Seminar, Department of Mathematical and Physical Sciences, East West University, Dhaka, Bangladesh, 11th July, 2024.



Islam, M.S. (2024), "Non-homogeneous mass conserving kernels in Smoluchowski coagulation equation," Departmental Seminar, Department of Mathematical and Physical Sciences, East West University, Dhaka, 5<sup>th</sup> September, 2024.

Mashraf, A. (2024), "Alternative dispute resolution (ADR) mechanisms in Bangladeshi laws: current scheme, challenges & future prospects," International Faculty Development Programme 2024, Chandigarh University, Punjab, India, 5<sup>th</sup> July, 2024.

Mashraf, A. (2024), "Prevention of human Trafficking for protection of human rights: comparing the relevant laws in Bangladesh and India with the International Legal Framework on human trafficking," International Faculty Development Programme 2024, Chandigarh University, Punjab, India, 8<sup>th</sup> July, 2024.

# MEDIA

Ali Mashraf, Lecturer, Department of Law, was present as the moderator of the virtual discussion—*Separation of Powers and Judicial Independence*, ‘Part I: 16<sup>th</sup> Amendment of the Constitution of Bangladesh’ and ‘Part II: Rethinking the Power, Responsibilities & Appointment of Judges of the Supreme Court of Bangladesh’ organized by *Map of Justice* on 24<sup>th</sup> August 2024 and 14<sup>th</sup> September 2024.



Dr. Mohammad Manzurul Islam, Assistant Professor in the Department of Computer Science and Engineering, actively contributed to the success of the ICCA 2024 conference, hosted by AIUB, as a Technical Program Committee (TPC) member. He served as the Track Chair for “Intelligent Systems,” as well as a reviewer and Session Chair for the “Machine Vision” track.



Dr. Anisur Rahman Khan, Associate Professor, Department of Sociology, wrote an editorial titled “Suicide: Problems & Interventions” published on 10 September 2024 in the *Daily Kalbela* on the occasion of World Suicide Prevention Day.

Mohammed Motiur Rahman & Md. Abdul Latif wrote an article titled “Knowledge management: The role of library professionals,” on *Daily Asian Age*, published on 01<sup>st</sup> September, 2024.

Rubayat Kabir, Senior Lecturer, Department of Social Relations published an article titled “What can educational institutions do to tackle the present mental health challenges?” in *Bangladesh Pratidin* on August 10, 2024.

# ACHIEVEMENTS

Professor Shams Rahman from East West University and Associate Professor Muhammad Abdulrahman from RMIT University co-supervised Dr. Kayode Adeyemi's PhD thesis titled "Impact of Human Resource Management Practices on Seaport Competitiveness: A Case Study of Nigerian Seaports." In his research, Dr. Adeyemi investigated the key determinants of competitiveness for Nigerian seaports. The research revealed that effective implementation of appropriate human resources management and corporate governance practices will enhance workforce capability and technology adoption for improved seaport competitiveness. The findings provide practical policy guidelines for enhancing Nigerian seaport performance and overall competitiveness.



Professor Sufia Islam, Professor, Department of Pharmacy and the Director of the Institutional Quality Assurance Cell (IQAC) at East West University has been selected as an advisor for a project titled "Bridging Gaps and Scaling Up: a school readiness program for child-parent-teacher triad in Bangladesh, Nepal and Tanzania". The lead organization for the project is icddr,b, and it is funded by the International Development Research Centre (IDRC), Canada.



Professor Islam's involvement in this project involves providing valuable expertise in developing a comprehensive teacher-ready curriculum and creating essential information, education, and communication (IEC) materials.

Dr. M. Ruhul Amin, Professor in the Department of Mathematical and Physical Sciences and the Dean of the Faculty of Sciences and Engineering at East West University, was awarded the prestigious Gold Medal on November 9, 2024, for the year 2013 by the Bangladesh Academy of Sciences in recognition of his exceptional contributions to the field of Plasma Physics.



Professor Dr. Dilara Begum, Department of Information Studies, has been named as a member of the CIP Service Implementation Committee by the Department of Archives and Library, Government of the People's Republic of Bangladesh. Dr. Begum will work as an expert member to determine the feasibility of CIP (Cataloging-in-Publication) services in Bangladesh and formulate a guideline for possible implementation of the project.



# ACHIEVEMENTS

Professor Dr. Farzana Akhter, Department of English has been invited to serve on the editorial board of the *World Journal of English Language*, a Scopus indexed Q1 journal.

Dr. Anisur Rahman Khan, Associate Professor, Department of Sociology, became the editorial board member in *Discover Social Science and Health*, Scopus Indexed Q2 Springer Nature Journal.

Dr. Afia Arafat, Assistant Professor in the Department of English, was awarded her PhD degree, titled “Gendered Experiences, Gender Disparity And Gender Identity Among University Students in Bangladesh”, on 14 July 2024 from University Utara Malaysia. She completed her PhD in Gender and Development Studies at the School of Applied

Dr Sadik Rahman’s doctoral thesis was awarded the Best Engineering PhD thesis of the year 2023 by the Vice-Chancellor of Sultan Qaboos University (SQU). This recognition was presented during the SQU Day 2024 event held on May 2, 2024. Dr Sadik’s thesis major was ‘Environmental Engineering’ with the title – “Investigating Cathode Limitations and its Mitigation Using Electro-catalyst in Microbial Desalination Cell”.

Dr. Syeda Nadia Hasan, Senior Lecturer, Dept. of English of East West University, was awarded PhD in Literature on May 18th, 2024 by The University of Texas at Dallas. The title of her PhD dissertation is “The Enchantment of Embodied Living: Aesthetic Engagement and Modernity in Contemporary British Fiction.”

Abdur Rahaman Sumon, Senior Lecturer, Department of Information Studies attended the Media and Information Literacy Week 2024 as a Guest Speaker organized by the Civil Aviation School & College, Kurmitola, Dhaka in association with UNESCO Dhaka Office, on 27 October, 2024.

## Achievements: Publication Reward

M. Ryyan Khan, Associate Professor, Department of Electrical and Electronic Engineering, has received the EWU Publication Reward for his article titled ‘Effects of Local Economy and Seasonal Cleaning



Cycle on yield and profit of Soiled Solar Farms’ published in Q1 journal *IEEE Journal of Photovoltaics*.

Professor Sufia Islam, Department of Pharmacy, Faculty of Sciences and Engineering, received the EWU Publication Reward for publishing a research work in Q1 journal, *Life (Basel)*. The title of Professor Islam's research article is “Antimicrobial Susceptibility and Genomic Profiles of Multidrug-Resistant *Staphylococcus aureus* from Nasopharynx of Asymptomatic Children in Dhaka, Bangladesh”. A research team from the Department of Pharmacy comprised of Professor Sufia Islam, Ms. Nishat Nasrin, Ms. Nigar Sultana Tithi and Dr. Farjana Khatun conducted this study. The study is funded by the East West University Center for Research and Training (EWUCRT).



# ACHIEVEMENTS

Md. Naimul Haque, Associate Professor, Civil Engineering, has received the EWU Publication Reward for his article titled 'Flexural Strengthening of RC Beams using External Unbonded Rebar: An Experimental Investigation'

published in Q1 journal *Journal of Asian Architecture and Building Engineering*.



Biplob Kumar Nandi, Senior Lecturer, Department of Economics was awarded the EWU Publication Reward for his article titled 'Crude oil price hikes and exchange rate volatility: A lesson from the Bangladesh'

published in Q1 journal, *Resources Policy, Elsevier Ltd.*



Abu Sadat Muhammad Ashif, Assistant Professor, Department of Business Administration, received the EWU Publication Reward for his article titled 'Bibliometric analysis and critical review of the research on the

-ization on employment' published in Q1 journal *International Journal of Multicultural Education*.



Mahamudul Hasan, Senior Lecturer, Department of Computer Science and Engineering, received the EWU Publication Reward for his article titled 'Framework for Fish Freshness Detection and Rotten Fish Removal in Bangladesh using-botie Arm and Fisheye

Analysis' published in Q1 journal titled *Journal of Agriculture and Food Research*.





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