Dr. Engr. Mohammad Aman Ullah
Associate Professor & Chairman
Department of Computer Science and Engineering [CSE]
International Islamic University Chittagong [IIUC]
Member, The Institution of Engineers, Bangladesh [IEB]
Senior Member, Institute of Electrical and Electronics Engineers [IEEE]
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▪ HIGHLIGHTS

- A dignified academician with an established in-depth knowledge, Strong observational and problem solving abilities in the field of Computer Science and Engineering.

- Highly committed to teaching and research

- Serving as an Associate Professor of Computer Science and Engineering (CSE) for 6 (Six) years.

- 17 (seventeen) years teaching experience in Computer Science and Engineering

- Foreign PhD degree with major in Natural Language Processing

- Collaborative research experience at home and abroad

- Publishing experience in top-tier journals

- Experience on outcome-based curriculum development and course management

- Member of the Institutional Quality Assurance Cell (IQAC) and Institute of Engineers Bangladesh (IEB) accreditation committee, CSE, IIUC

- Industry attachment and served as a convener of Industrial training, Tour, and Internship Committee, CSE, IIUC and conducted collaborated visits.

- Supervised the thesis of around 50 student groups at undergraduate and post graduate level

- Strong interpersonal skill. Can work in a group or independently

- Serving many world renowned journals as a reviewer, editorial member and guest editor

- Playing the role as Track Co-chair, Session Chair, TPC member, Organizing Committee Member, and Advisory Committee Member in many IEEE and other conferences home and abroad.

- Receiver of best position in 3MT PhD thesis competition for PhD thesis.

- Receiver of Gold Medal for M.Sc. in CSE degree

RESEARCH AND PUBLICATIONS

JOURNALS

1. Shahjalal,M., Islam ,A., Amanullah, M. (2012). Filtration and synthesis of different types of Human Voice signals: An application of Digital Signal Processing, *IISTE Journal, 2(4),* USA.

2. Ullah, M. A. (2013). Microcontroller based reprogrammable digital door lock security system by using keypad & GSM/CDMA technology. *IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE)*, *4*(6), 38-42.

3. Chowdhury, M. S. A., Akter, M. S., & Ullah, M. A. (2013)., Designing a 36 segment display for bengali compound character. *International Journal of Computer Science and Network Security (IJCSNS)*, *13*(3), 48-53.

4. Ullah, M. A. (2016)., A Model on Programmable Touch Screen Based DC Motor Speed Control - Design and Implementation, *IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE). 11(2),*40-45.

5. Ullah, M. A., Azman, N., Islam, M. M., & Zaki, Z. M. (2017). Multimodal Sentiment Analysis: A Study Towards Future Directions. *Advanced Science Letters*, *23*(5), 4973-4976.

6. Ullah, M. A., Alam, M. M., Rahman, M. M., Alahi, A. S., Masum, A. K. M., Akter, N. (2019, October). Impact of ICT on students' academic performance: Applying Association Rule Mining and Structured Equation Modeling. *International Journal of Advanced Computer Science and Applications (IJACSA), 10*(8), 387-393.

7. Ullah, M. A., Marium, S. M., Begum, S. A., & Dipa, N. S. (2020). An algorithm and method for sentiment analysis using the text and emoticon. *ICT Express*, *6*(4), 357-360.

8. Ullah, M. A., Tahrin, A., & Marjan, S. (2020). An Algorithm for Multi-Domain Website Classification. International Journal of Web-Based Learning and Teaching Technologies (IJWLTT), 15(4), 57-65. doi:10.4018/IJWLTT.2020100104.

9. Goel, S., Gupta, S., Panwar, A., Kumar, S., Verma, M., Bourouis, S., & Ullah, M. A. (2021). Deep Learning Approach for Stages of Severity Classification in Diabetic Retinopathy Using Color Fundus Retinal Images. *Mathematical Problems in Engineering*, *2021*.

10. Mishra, S., Ahmed, T., Mishra, V., Bourouis, S., & Ullah, M. A. (2022). An Online Kernel Adaptive Filtering-Based Approach for Mid-Price Prediction. *Scientific Programming*, *2022*

11. Tharewal, S., Malche, T., Tiwari, P. K., Jabarulla, M. Y., Alnuaim, A. A., Mostafa, A. M., & Ullah, M. A. (2022). Score-Level Fusion of 3D Face and 3D Ear for Multimodal Biometric Human Recognition. *Computational Intelligence and Neuroscience*, *2022*

12. Rani, S., Ghai, D., Kumar, S., Kantipudi, M. V. V., Alharbi, A. H., & Ullah, M. A. (2022). Efficient 3D AlexNet Architecture for Object Recognition Using Syntactic Patterns from Medical Images. *Computational Intelligence and Neuroscience*, *2022*.

13. Ullah, M. A., & Chowdhury, M.S. (2022). Dictionary-Based Research Articles Classification. *Journal of Computer Engineering, 2(1), Bangladesh.*

CONFERENCES

1. Mollah, M. B., Islam, S. S., & Ullah, M. A. (2012, May). Proposed e-police system for enhancement of e-government services of Bangladesh. In *Informatics, Electronics & Vision (ICIEV), 2012 International Conference on* (pp. 881-886). IEEE.

2. Islam, S. S., Mollah, M. B., Huq, M. I., & Ullah, M. A. (2012, May). Cloud computing for future generation of computing technology. In *Cyber Technology in Automation, Control, and Intelligent Systems (CYBER), 2012 IEEE International Conference on* (pp. 129-134). IEEE.

3. Mollah, M. B., Ullah, M. A., Mozumder, M. Y., & Islam, S. S. (2012, May). Concept design for SCADA system using Cognitive Radio based IEEE 802.22 for power system. In *Cyber Technology in Automation, Control, and Intelligent Systems (CYBER), 2012 IEEE International Conference on*(pp. 109-114). IEEE.

4. Ullah, M. A. (2016, December). Sentiment analysis of students feedback: A study towards optimal tools. In *Computational Intelligence (IWCI), International Workshop on* (pp. 175-180). IEEE.

5. Ullah, M. A., Islam, M. M., Azman, N. B., & Zaki, Z. M. (2017, February). An overview of Multimodal Sentiment Analysis research: Opportunities and Difficulties. In *Imaging, Vision & Pattern Recognition (icIVPR), 2017 IEEE International Conference on* (pp. 1-6). IEEE.

6. Ullah, M. A, Alam, M.M., Sultana, S., & Toma, R.S. (2018, October). Predicting Default Payment of Credit card users using mining techniques. In *2018 International Conferences on Innovations in Science, Engineering and Technology (ICISET)* (pp. 355-360). IEEE.

7. Ullah, M. A., Hasnayeen, M. A., Shan-A-Alahi, A., Rahman, F., & Akhter, S. (2020, December). A Search for Optimal Feature in Political Sentiment Analysis. In *2020 IEEE International Women in Engineering (WIE) Conference on Electrical and Computer Engineering (WIECON-ECE)* (pp. 340-343). IEEE.

8. Ullah, M. A., Azman, N., Zaki, Z. M., & Islam, M. M. (2020, December). Dataset Creation from Multilingual Data of Social Media: Challenges and Consequences. In *2020 IEEE International Women in*

Engineering (WIE) Conference on Electrical and Computer Engineering (WIECON-ECE) (pp. 288-291). IEEE.

9. Ullah, M. A., Shahid, S., & Sultana, Z. (2021). Machine Learning Based Diagnosis System for Easy and Fast Heart Disease Prediction. In *Interdisciplinary Research in Technology and Management* (pp. 426-431). CRC Press. [Best Paper Rewarded]

10. Ullah, M. A., Munmun, K., Tamanna, F. Z., & Chowdhury, M. S. A. (2022, February). Sentiment Analysis using Ensemble Technique on Textual and Emoticon Data. In *2022 International Conference on Innovations in Science, Engineering and Technology (ICISET)* (pp. 255-259). IEEE.

11. Shanto, M. N. I., Islam, A., Uddin, M. S., Mubtasim, M. T., Rahman, A., & Ullah, M. A. (2024, December). Innovative Approach to Precision Botany: Hybrid Learning for Superior Medicinal Plant Identification. In *2024 27th International Conference on Computer and Information Technology (ICCIT)* (pp. 2080-2085). IEEE.

BOOK CHAPTERS

1. Ullah, M. A., & Hossain, S. A. (2018). Ontology-Based Information Retrieval System for University: Methods and Reasoning. In *Emerging Technologies in Data Mining and Information Security* (pp. 119-128). Springer, Singapore.

2. Ullah, M. A. (2018). A Model for Predicting Outfit Sales: Using Data Mining Methods. In *Emerging Technologies in Data Mining and Information Security* (pp. 711-720). Springer, Singapore.

3. Rahman, M. M., Ullah, M. A., Sultana, Z., & Islam, M. R. (2018). An Approach to the Parameter Based Doctor Ranking. In *Emerging Technologies in Data Mining and Information Security* (pp. 759-770). Springer, Singapore.

4. Ullah, M. A., Alam, M. M., Mahiuddin, M., & Rahman, M. M. (2018). Predicting Factors of Students Dissatisfaction for Retention. In *Emerging Technologies in Data Mining and Information Security* (pp. 501-510). Springer, Singapore.

5. Ullah, M. A., Alam, M. M., Sheuli, S. A., & Mumu, J. A. (2023). Predicting Interest of Beginner-Level Engineering Students for Better Career Using Classification Method. In *The Fourth Industrial Revolution and Beyond Select Proceedings of IC4IR+* (pp. 59-71). Singapore Springer Nature Singapore.

ACCEPTED PAPERS

1. Islam Shanto, M. N., Mubtasim, M. T., Rakshit, S. V., & Ullah, M. A. (2025). Enhanced classification of brain tumors from MRI scans using a hybrid CNN-Transformer model. In *Proceedings of IEEE QPAIN 2025 – International Conference on Quantum, Photonics, Artificial Intelligence, and Nanotechnology*. IEEE.

2. Shohan, S. H., Bitto, A. K., Biplob, K. B. M. B., Ullah, M. A., Azad, M. A. K., & Masum, A. K. M. (2025, July 6–11). Price prediction in cryptocurrencies: Evaluating the efficacy of a hybrid LSTM-SRNN model. In *Proceedings of the 16th International IEEE Conference on Computing, Communication and Networking Technologies (ICCCNT)*. IEEE.

RESEARCH INTEREST

1. Natural Language Processing
2. Database, Data Mining and Machine Learning
3. Semantic Web
4. Distributed Information System

ACADEMIC QUALIFICATION

No	Name of Awarding University/ Institution	From (YYYY)	To (YYYY)	Name of Degree/Diploma	Major/Area of Study	Year Graduated
1	Universiti Sains Islam Malaysia (USIM)	2015	2021	PhD in Science and Technology	Computer Science	2021
2	Daffodil International University (DIU)	2012	2014	Master of Science in Computer Science and Engineering	Computer Science and Engineering	2014
3	Premier University (PU)	2008	2012	Master of Business Administration	Business Administration	2012
4	International Islamic University Chittagong (IIUC)	2003	2007	Bachelor of Science in Computer Science and Engineering	Computer Science and Engineering	2008

PROFESSIONAL EXPERIENCE

No	Positions	Employer's Name	Department	From (yyyy)	To (yyyy)
1	Lecturer	International Islamic University Chittagong	CSE	2008	2010
2	Lecturer	International Islamic University Chittagong	EEE	2010	2013
3	Assistant Professor	International Islamic University Chittagong	CSE	2013	2019
4	Associate Professor	International Islamic University Chittagong	CSE	2019	----

TEACHING EXPERIENCE

1. Natural Language Processing
2. Database Management System
3. Data Mining and Machine Learning
4. Distributed Database
5. Research Methodology
6. Computer Architecture

LANGUAGE PROFICIENCY

- Good command over speaking, reading and writing both in English and Bengali.
- Good command in Hindi and Arabic

AWARD & SCHOLARSHIP

Awards/Grants	Level	Description

Vice-Chancellor Gold Medal	M.Sc.	Awarded for academic excellence in M.Sc. in CSE
3MT PhD Thesis Competition Award	PhD	Recognition for excellence in the Three Minute Thesis (3MT) competition
Partial Grant for PhD Program	PhD	Financial support for PhD studies
Best Semester Result Award	Undergraduate & Postgraduate	Awarded for outstanding academic performance at both levels
'Progati Shanghai' Award	S.S.C	Recognition for exceptional S.S.C results

ADDITIONAL ACTIVITIES

Professional Memberships

Organization	Membership category	Country
Institute of Electrical and Electronics Engineers (IEEE)	Senior Member	Global
The Institution of Engineers, Bangladesh (IEB)	Member	Bangladesh
IEEE Computer Society Bangladesh Section	Divisional Coordinator	Global
IEEE Young Professional Affinity Group Bangladesh Section	Ex-Member	Global

Guest Editor

Journal	Publisher	Country
Contemporary Mathematics	Universal Wiser Publisher Pte.Ltd	Singapore

Editorial Board Memberships

Journal	Publisher	Country
International Journal of Web-Based Learning and Teaching Technologies (IJWLTT)	IGI Global	USA
Progress in Human-Computer Interaction (PHCI)	Whioce Publishing	Singapore

Reviewer Roles

Springer

Journal	Country
International Journal of Machine Learning and Cybernetics	Germany
International Journal of Fuzzy Systems	Germany
Journal of Big Data	Germany
BioData Mining	Germany
Scientific Reports	Germany

Elsevier

Journal	Country
Journal of King Saud University - Computer and Information Sciences	Saudi Arabia
Expert Systems With Applications	Netherlands

Taylor & Francis

Journal	Country
Imaging Science Journal	United Kingdom
Automatika	Croatia
Connection Science	United Kingdom

IEEE

Journal	Country
IEEE Internet of Things Journal	USA

Other Journals

Journal	Country
KSII Transactions on Internet and Information Systems	Korea
Journal of Engineering Science and Technology (JESTEC)	Malaysia
Journal of Information Technology Research (JITR)	USA
International Journal of Enterprise Information System (IJEIS)	USA
International Journal of Intelligent Information Technologies (IJIIT)	USA
Asian Journal of Research in Computer Science	India

Conference Activities

Advisory Roles

Conference	Year	Location
2nd International Conference on Emerging Technologies in Computing (ICETC)	2022	India (Brainware University)

Track Chair

Conference	Year	Location
International Conference on Big Data, IoT and Machine Learning (BIM)	2023	Bangladesh

Organizing Committee Member

Conference	Years	Location
International Conference on Innovations in Science, Engineering and Technology (ICISET)	2022, 2024	Bangladesh

Session Chair

Conference	Year	Location
1st World International Conference on Islamic Sciences (WICOIS)	2016	Malaysia
International Conference on Innovations in Science, Engineering and Technology (ICISET)	2022, 2024	Bangladesh
International Conference on Big Data, IoT and Machine Learning (BIM)	2023	Bangladesh
27th International Conference on Computer and Information Technology (ICCIT)	2024	Bangladesh
International Conference on Electrical, Computer, and Communication Engineering (ECCE)	2025	Bangladesh

Technical Program Committee (TPC) Member and Reviewer

Conference	Year	Location
EAI SAFER-TEA	2023	Cameroon
6th Asia Conference on Cognitive Engineering and Intelligent Interaction (CEII)	2023	Hong Kong
27th International Conference on Computer and Information Technology (ICCIT)	2024	Bangladesh
3rd International Conference on Advanced Communication and Intelligent Systems (ICACIS)	2024	India
International Conference on Bangabandhu and Digital Bangladesh (ICBBDB)	2021	Bangladesh
International Conference on Machine Intelligence and Emerging Technologies (MIET)	2022	Bangladesh

Reviewer for Other Conferences

Conference	Years	Location

International Conference on Electrical, Computer, and Communication Engineering (ECCE)	2019, 2025	Bangladesh
26th International Conference on Computer and Information Technology (ICCIT)	2023	Bangladesh
The 8th International Conference on Fuzzy Systems and Data Mining (FSDM)	2022	China

Other Activities

Organization	Role	Years	Location
IIUC Computer Club	President	2023- till date	Bangladesh
IIUC Computer Club	Treasurer	2019-2021	Bangladesh
IIUC CSE Alumni Association	Treasurer	2017-till date	Bangladesh
IT Management Committee [IEB]	Joint Member secretary	2025-till date	Bangladesh
DIU Alumni Association	Member	2015-till date	Bangladesh
USIM Alumni Association	Member	2021-till date	Malaysia
IIUC Finance Committee	Member	2024-till date	Bangladesh
IIUC Academic Council	Member	2023- till date	Bangladesh

REFERENCES

Prof. Dr. Abdul Kadar Muhammad Masum **Professor** Department of Computer Science and Engineering Southeast University, Dhaka, Bangladesh **Email:** director.iqac@seu.edu.bd; akmmasum@seu.edu.bd	**Dr. Norhidayah Azman** Senior Lecturer Information and Security Assurance Faculty of Science and Technology Universiti Sains Islam Malaysia (USIM) E-mail: dayah@usim.edu.my

"I hereby declare that the particulars provided here are true and no misinformation is given."

————————————— **(Dr.**

Mohammad Aman Ullah)