



Department of Electronics and Communication Engineering
Khulna University of Engineering & Technology
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Shah Muhammad Azmat Ullah
Lecturer

Research Area Machine Learning Biomedical Engineering.

Biography

Welcome to the Academic Portfolio of Shah Muhammad Azmat Ullah

Shah Muhammad Azmat Ullah is a dedicated researcher and educator with a strong foundation in Electronics and Communication Engineering, holding both B.Sc. and M.Sc. degrees from Khulna University of Engineering & Technology (KUET). With over two years of teaching experience as a lecturer in KUET's ECE Department, he has excelled in both academia and research, particularly in the domains of machine learning and healthcare applications.

As an educator, Shah Muhammad Azmat Ullah is known for his clarity in teaching, ability to simplify complex concepts, and dedication to student success. He continues to inspire and mentor the next generation of engineers, making significant contributions to both his students and the academic community.

Explore this website to learn more about his research, publications, and contributions to the field of machine learning and healthcare.

Education

Master of Science in Electronics and Communication Engineering (MSc in ECE)

Khulna University of Engineering & Technology, Bangladesh (July 2020-May 2024)

Bachelor of Science in Electronics and Communication Engineering (BSc in ECE)

Khulna University of Engineering & Technology, Bangladesh (2015-2020) Achievement: 1st Runner up (IT Contest, Technival 2018), Dean Award (2017, 2018, 2019)

Higher Secondary Certificate (HSC)

Chittagong College, Bangladesh (2013-2015) Achievement: Board Scholarship

Secondary School Certificate (SSC)

Govt. Muslim High School, Bangladesh (2007-2013) Achievement: Board Scholarship

Service Records

- **Lecturer**
Department/Section: Electronics and Communication Engineering (ECE)
Khulna University of Engineering & Technology (KUET) From 01-01-1970 to 01-01-1970
- **Adjunct Faculty**
Department/Section: Dept. of CSE
International Islamic University Chittagong (IIUC) From 01-01-1970 to 01-01-1970
Working Area: Teaching

Research Interest

Machine Learning

Deep Learning
AI

Biomedical Engineering.

Biomedical Image Processing,
Biomedical Signal Processing.

Publication

Books

Journals

2. S. M. A. Ullah, M. M. Islam, S. Mahmud, S. Nooruddin, S. M. T. U. Raju and M. R. Haque, "Scalable Telehealth Services to Combat Novel Coronavirus (COVID-19) Pandemic," Springer Nature Singapore Pte Ltd, vol. 2, no.18, pp.1-8, 2021 .
1. M. M. Islam, S. M. A. Ullah, S. Mahmud and S. M. T. U. Raju, "Breathing Aid Devices to Support Novel Coronavirus (COVID-19) Infected Patients," Springer Nature Singapore Pte Ltd, vol. 1, no.274, pp.1-8, 2020 .

Conference

2. M. R. Hasan, S. M. A. Ullah and M. E. Karim, "An Effective Framework for Identifying Pneumonia in Healthcare Using a Convolutional Neural Network," IEEE, 23-25 February 2023 , pp.1-6.
2. P. B. Udas, K. S. Roy, M. E. Karim and S. M. A. Ullah, "Attention-based RNN architecture for detecting multi-step cyber-attack using PSO

