



Nuren Durdana Anika

Lecturer

Research Area Biomedical Signal Processing, Automatic Algorithm Development for Disease Detection, Sleep Research

Biography

Nuren Durdana Anika is a lecturer in the Department of **Biomedical Engineering** at Khulna University of Engineering & Technology (KUET), Khulna, Bangladesh, since March 2023. She completed her **B.Sc. in Biomedical Engineering** from KUET, securing **second position** in her class, and is currently pursuing an M.Sc. in the same field while managing her teaching responsibilities.

She demonstrated academic excellence from an early age, securing the 27th position in the Jashore Board during her HSC from Govt. M.M. City College. She has been honored with four consecutive **Dean's Awards** and received the prestigious Talentpool Scholarship in all her board exams.

Her talents extend beyond academics, having received recognition for multiple innovative projects and winning national-level prizes in both singing and recitation. Some of the achievements are mentioned below.

- **Sheikh Kamal IT Incubation Startup Competition**
TEAM SAFETY COMPANION, Selected Startups Opportunate with common co-working space
- **Hands-on Training using Fabrication Tools and Project Development**
Best Performer Award arranged by Institutional Quality Assurance Cell, Khulna University of Engineering & Technology (KUET)

This website showcases her academic journey, achievements, and talents in various fields.

Education

Master of Science in Biomedical Engineering

Khulna University of Engineering & Technology (KUET), Bangladesh (2023-Present)

Bachelor of Science in Biomedical Engineering

Khulna University of Engineering & Technology (KUET), Bangladesh (2018-2023)

Thesis Title: [Designing an Algorithm for Detecting Total Sleep Time from Electroencephalography Signal](#)

Higher Secondary Certificate (HSC)

Govt. M.M. City College, Khulna, Bangladesh (2015-2017) Achievement: Stood 27th in Jessore Board

Secondary School Certificate (SSC)

Rotary School, Khulna, Bangladesh (2013-2015)

Service Records

- **Lecturer**
Department/Section: Biomedical Engineering (BME)
Khulna University of Engineering & Technology (KUET) From 23-03-2023 to 01-01-1970

Research Interest

Biomedical Signal Processing, Automatic Algorithm Development for Disease Detection, Sleep Research

Biomedical Signal Processing and Analysis

Automatic Algorithm Development for Disease Detection

Sleep Research

Publication

Books

Journals

Conference