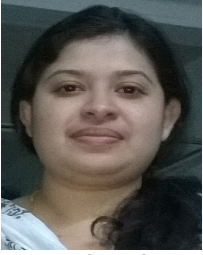




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Dr. Monira Islam

Associate Professor

Research Area Multimedia Applications
Signal and Image Processing Biomedical
Engineering

Education

M.SC Eng.

Khulna University of Engineering & Technology, Bangladesh (2014-2016)

Thesis Title: [Classification and Mathematical Modeling of Human Emotions from EEG Signal](#)

B.SC. Eng.

Khulna University of Engineering & Technology, Bangladesh (2008-2013)

HSC

Khulna Govt. Girls College, Khulna, Bangladesh (2006-2008)

SSC

Cantonment Public School, Jahanabad, Khulna, Bangladesh (1997-2006)

Service Records

- **Assistant Professor**
Department/Section: EEE
Khulna University of Engineering & Technology *From to*
Responsibility: Teaching, supervision of UG thesis and project, Related Works
- **Lecturer**
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Responsibility: Teaching, conducting UG thesis and project, Related Works

Research Interest

Multimedia Applications

Signal and Image Processing

Electrical Signal, Biomedical signal (EEG, ECG, PPG, EOG) Analysis, Feature Extraction, Pattern Recognition

Biomedical Engineering

Biomedical Signal Processing, Human Emotion Analysis and Modeling, Cognitive load analysis, Face Authentication, Biomedical Circuits and Sensors, Biomedical Instrumentation, Clinical Engineering, Development of Modern Health Care System