



Department of Biomedical Engineering  
Khulna University of Engineering & Technology  
Khulna - 9203, Tel: 041-769471 (191); Fax : 041-774403



**Dr. Md. Bashir Uddin**  
Professor

**Research Area** Analysis and Processing of Biomedical Signals, Physiological Effects of Energy Boosters, Sleep Stages and Sleep Diseases, Algorithm Development for Disease Detection, Diagnosis of Diseases using Artificial Intelligence.

## Education

### Doctor of Philosophy

University of Technology Sydney (UTS), Sydney, Australia (2017-2021)

**Thesis Title:** [Airflow-Oximetry Combined Signal Based Automatic Diagnosis of Sleep Apnea in Adults](#)

### Master of Science in Engineering (M. Sc. Eng.)

Khulna University of Engineering & Technology, Khulna, Bangladesh (2012-2014)

**Thesis Title:** [Cardiac Function Evaluation of Healthy Young Adults by Consuming Energy Drinks](#)

### Bachelor of Science in Engineering (B. Sc. Eng.)

Khulna University of Engineering & Technology, Khulna, Bangladesh (2007-2011)

### Higher Secondary Certificate Examination

Govt. M. M. City College, Khulna, Bangladesh (2004-2006)

### Secondary School Certificate Examination

Syedpur High School, Bagerhat, Bangladesh (1999-2004)

## Service Records

- **Head of the Department**  
**Department/Section:** Biomedical Engineering  
**Khulna University of Engineering & Technology** From 2024-01-01 00:00:00 to 1970-01-01 06:00:00
- **Professor**  
**Department/Section:** Biomedical Engineering  
**Khulna University of Engineering & Technology** From 2023-12-03 00:00:00 to 1970-01-01 06:00:00
- **Additional Director (IQAC)**  
**Department/Section:** Institutional Quality Assurance Cell (IQAC)  
**Khulna University of Engineering & Technology** From 2023-09-10 00:00:00 to 2024-01-16 00:00:00
- **Associate Professor**  
**Department/Section:** Biomedical Engineering (BME)  
**Khulna University of Engineering & Technology** From 2022-05-08 00:00:00 to 2023-12-02 00:00:00
- **Research Student**  
**Department/Section:** Biomedical Engineering  
**University of Technology Sydney (UTS)** From 2017-03-01 00:00:00 to 2021-04-10 00:00:00
- **Deputy Sub-project Manager (DSPM)**  
**Department/Section:** Biomedical Engineering (BME)  
**Khulna University of Engineering & Technology (KUET)** From 2014-07-01 00:00:00 to 2017-02-28 00:00:00
- **Assistant Professor**  
**Department/Section:** Biomedical Engineering (BME)  
**Khulna University of Engineering & Technology (KUET)** From 2014-07-06 00:00:00 to 2022-05-07 00:00:00
- **Lecturer**  
**Department/Section:** Electrical, Electronics & Telecommunication Engineering (EETE)  
**Dhaka International University (DIU)** From 2011-09-15 00:00:00 to 2011-12-31 00:00:00
- **Lecturer**  
**Department/Section:** Biomedical Engineering (BME)  
**Khulna University of Engineering & Technology (KUET)** From 2012-01-01 00:00:00 to 2014-07-05 00:00:00

## Research Interest

Analysis and Processing of Biomedical Signals, Physiological Effects of Energy Boosters, Sleep Stages and Sleep Diseases, Algorithm Development for Disease Detection, Diagnosis of Diseases using Artificial Intelligence.