



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



**Md. Khorshed Alom**

Assistant Professor

**Research Area** Wireless Communications,  
Wireless Sensor Networks and Machine  
Learning

## Education

### Master of Science in Electronics and Communication Engineering (M.Sc in ECE)

Khulna University of Engineering & Technology (KUET), Bangladesh (2024)

### Bachelor of Science in Electronics and Communication Engineering (B.Sc in ECE)

Khulna University of Engineering & Technology (KUET), Bangladesh (2019) Group: Electronics and Communication Engg., Merit Position: 2nd, Achievement: Honors & Deans Award

### Higher Secondary Certificate (H.S.C)

Bonpara College, Bangladesh (2014) Group: Science,

### Secondary School Certificate (S.S.C)

Panchbaria High School, Bangladesh (2012) Group: Science, Achievement: Bangladesh Education Board Scholarship

## Service Records

- **Assistant Professor**  
**Department/Section:** Electronics and Communication Engineering  
**Khulna University of Engineering & Technology** From 23-03-2023 to 01-01-1970
- **Lecturer**  
**Department/Section:** Electronics and Communication Engineering  
**Khulna University of Engineering & Technology** From 16-02-2020 to 22-03-2023  
Working Area: Teaching

## Research Interest

Wireless Communications, Wireless Sensor Networks and Machine Learning

## Publication

### Books

### Journals

2. M. A. A. Abir, M. Foysal, A. Hossan and M. K. Alom, "Deep Learning based enhanced hybrid beamforming using RSSI signals in MIMO systems," *e-Prime - Advances in Electrical Engineering, Electronics and Energy*, Elsevier, vol. 9, DOI:10.1016/j.prime.2024.100738, 2024.
1. M. K. Alom, A. Hossan and P. K. Choudhury, "Improved Zonal Stable Election Protocol (IZ-SEP) for hierarchical clustering in heterogeneous wireless sensor networks," *e-Prime - Advances in Electrical Engineering, Electronics and Energy*, Elsevier, vol. 2, DOI:10.1016/j.prime.2022.100048, 2022.

### Conference

2. M. E. Karim, A. Hossan, M. Foysal and M. K. Alom, "Forecasting Analysis of Hourly Temperature using LSRU Based Hybrid Deep Learning Model," *2024 3rd International Conference on Advancement in Electrical and Electronic Engineering (ICAEEE)*, IEEE, 2024, DOI:10.1109/ICAEEE62219.2024.10561848.
1. M. K. Alom and S. M. R. Islam, "Classification for the P300-based Brain Computer Interface (BCI)," *2020 2nd International Conference on Advanced Information and Communication Technology (ICAICT)*, IEEE, 28-29 November 2020, DOI:10.1109/ICAICT51780.2020.9333481.