



Department of Electronics and Communication Engineering  
Khulna University of Engineering & Technology  
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**Shuvashis Saha**

Assistant Professor

**Research Area** Photonics and Nonlinear  
fiber optics Networking Wireless  
Communications Optical Communication

## Education

### Master of Science in Electronics and Communication Engineering

Khulna University of Engineering & Technology, Bangladesh (Student Type: Part-Time,

**Thesis Title:** [Efficient DBA Algorithms for Delay Reduction and Solving the Over-granting Problem of Long Reach PON](#)

### BSc. Engineering (ECE)

Khulna University of Engineering and Technology, Bangladesh (2011-2015)

### Higher Secondary Certificate

Notre Dame College, Bangladesh (2010) Group: Science, Achievement: Board Scholarship

### Secondary School Certificate

Manikganj Govt. high School, Bangladesh (2008) Group: Science, Achievement: Board Scholarship

## Service Records

- **Assistant Professor**  
**Department/Section:** Electronics and Communication Engineering  
**Khulna University of Engineering and Technology (KUET)** *From to*  
Working Area: Teaching
- **Lecturer**  
**Department/Section:** Electronics and Communication Engineering  
**Khulna University of Engineering and Technology (KUET)** *From to*  
Working Area: Teaching

## Research Interest

### Photonics and Nonlinear fiber optics

Optical Pulse Propagation in Nonlinear media

### Networking

Optical Coding, MAC layer Protocol

### Wireless Communications

Energy efficiency improvement protocol development

Internet Protocol (IP) in wireless networks

### Optical Communication

LR-PON System, DBA Algorithm, Optical networks