



Shuvashis Saha **Assistant Professor** Research Area Photonics and Nonlinear fiber optics Networking Wireless Communications Optical Communication

# **Biography**

Shuvashis Saha currently doing his PhD in Electrical and Information Engineering at the University of Sydney, Australia. Prior to join his PhD program, he worked as an Assistant Professor on the Department of Electronics and Communication Engineering (ECE) in Khulna University of Engineering and Technology (KUET), Bangladesh. He graduated with a MSc. and BSc degree in ECE from the KUET, Bangladesh in 2017 and 2015, respectively. His research interests include optical fiber communications and nonlinear optics.

# **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