Department of Electronics and Communication Engineering
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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 01-01-1970 to 01-01-1970*
  Working Area:Teaching
- **Lecturer**
  Department/Section: Electronics and Communication Engineering
  Khulna University of Engineering and Technology (KUET) *From 01-01-1970 to 01-01-1970*
  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

Publication

Books

Journals

Conference

12. (Feb 11-13, 2021) , "Effect of Phase Mismatch between the Bragg gratings on the Stability of Gap Solitons in Semilinear Dual-core System," ***In Proceedings of the 9th International Conference on Photonics, Optics and Laser Technology*** , Scitepress, Volume 1: PHOTOPTICS, pp.36-39