



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



Biography

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Dr. Pallab Kumar Choudhury

Professor

Research Area LiDAR for Autonomous Vehicle, MEMS mirror based optical scanning, LED based optical wireless communications-VLC, Passive Optical Network (PON), Radio-Over-Fiber (RoF) technology, OFDM Techniques

Education

Doctor of Philosophy in Optical Communication Engineering

Integrated Research Center for Photonic Networks and Technologies (IRCPHoNET), Scuola Superiore Sant'Anna, Italy (2009-2012)

Thesis Title: [Advanced Techniques to Realize Next Generation Optical Access Network](#)

Master of Science in Telecommunication Engineering

Asian Institute of Technology (AIT), Thailand (2005-2007)

Thesis Title: [Dynamic Bandwidth Allocation Algorithm for QoS-Aware Per-Queue EPON with Overhead Control](#)

Bachelor of Science in Electrical & Electronic Engineering

Khulna University of Engineering & Technology (KUET), Bangladesh (1999-2003)

Post-Doctoral Research Fellow

Korea Advanced Institution of Science and Technology (KAIST), South Korea (2018-2020)

Design and Implementation of Intelligent LiDAR System for Autonomous Vehicle

Research Interest

LiDAR for Autonomous Vehicle, MEMS mirror based optical scanning, LED based optical wireless communications-VLC, Passive Optical Network (PON), Radio-Over-Fiber (RoF) technology, OFDM Techniques

Publication

Books

Journals

Conference