



Department of Electronics and Communication Engineering  
Khulna University of Engineering & Technology  
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## 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

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### 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

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**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**