



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



## Biography

Welcome to my personal homepage. Email : protikpc07@gmail.com and protik@eee.kuet.ac.bd

### Dr. Protik Chandra Biswas

Associate Professor

**Research Area** Smart Sensing and Instrumentation, Smartphone Spectroscopy, Optical Sensing, Smartphone Colorimeter. Electrical Machine Drives, Direct Torque and Field Oriented Control of Brushless DC Motor Drives, Recurrent Neural Network, Machine Learning Algorithm, SVM, Brain Computer Interface, Bio-medical Signal Processing (EEG)

## Education

### Master of Science in Electrical and Electronic Engineering

Khulna University of Engineering & Technology, Bangladesh (2015-2017)

**Thesis Title:** [Analysis of High Performance Controlled Permanent Magnet Brushless DC Motor Drives without Position Sensor](#)

### Bachelor of Science in Electrical and Electronic Engineering

Khulna University of Engineering & Technology, Bangladesh (2010-2015) Achievement: University Gold Medal

### Higher Secondary Certificate

Government K. C. College, Jhenaidah, Bangladesh (2008-2010)

### Secondary School Certificate

Kanchan Nagar Model Secondary School, Jhedaidah, Bangladesh (2006-2008) Achievement: GPA 5.00 without additional subject

## Service Records

- **Assistant Professor**  
**Department/Section:** Electrical and Electronic Engineering  
**Khulna University of Engineering & Technology** *From to*
- **Teaching Assistantship**  
**Department/Section:** Electrical and Electronic Engineering  
**Khulna University of Engineering & Technology** *From to*
- **Lecturer**  
**Department/Section:** Electrical and Electronic Engineering  
**Khulna University of Engineering & Technology** *From to*

## Research Interest

Smart Sensing and Instrumentation, Smartphone Spectroscopy, Optical Sensing, Smartphone Colorimeter.

Electrical Machine Drives, Direct Torque and Field Oriented Control of Brushless DC Motor Drives, Recurrent Neural Network, Machine Learning Algorithm, SVM, Brain Computer Interface, Bio-medical Signal Processing (EEG)