



Department of Electrical and Electronic Engineering
Khulna University of Engineering & Technology
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Dr. Kalyan Kumar Halder

Professor

Research Area Digital Image Processing
Artificial Neural Networks Machine Drives

Biography

Hello! Good day! Welcome to my official webpage!

I am a Professor with a demonstrated history of working in the higher education industry. I am skilled in Biomedical Image Processing, Image Restoration, Image Registration, Moving Object Detection, Artificial Neural Networks, Machine Learning, etc. I hold a PhD in Electrical Engineering from The University of New South Wales (UNSW), Australia.

Education

Doctor of Philosophy (PhD)

The University of New South Wales, Australia() Achievement: SEIT High Impact Publications Award

Thesis Title: [High Precision Techniques for Imaging through Turbulence](#)

MSc in Electrical and Electronic Engineering

Khulna University of Engineering & Technology (KUET), Bangladesh()

BSc in Electrical and Electronic Engineering

Khulna University of Engineering & Technology (KUET), Bangladesh() Merit Position: First,

Higher Secondary Certificate (HSC)

Govt. P. C. College, Bagerhat, Bangladesh(2001-2003)

Secondary School Certificate (SSC)

Bagmara Secondary School, Bagerhat, Bangladesh(1991-2001)

Service Records

- **Professor**
Department/Section: EEE
Khulna University of Engineering & Technology *From to*
- **Associate Professor**
Department/Section: EEE
Khulna University of Engineering & Technology *From to*
- **Research Assistant**
Department/Section: EEE
Khulna University of Engineering & Technology *From to 2000-12-22 00:00:00*
- **Assistant Professor**
Department/Section: EEE
Khulna University of Engineering & Technology *From to*
- **Lecturer**
Department/Section: EEE
Khulna University of Engineering & Technology *From to*
- **Lecturer (Part-time)**
Department/Section: EEE
Khulna University of Engineering & Technology *From to*

Research Interest

Digital Image Processing

Biomedical Image Processing, Image Registration, Image Restoration, Moving Object Detection, Video Stabilization, Hyperspectral Imaging

Artificial Neural Networks

Convolutional Neural Network, Generalized Regression Neural Network, Recurrent Neural Network, Feed-Forward Neural Network

Machine Drives

PMSM Drives, SRM Drives, IM Drives