Department of Electrical and Electronic Engineering
Khulna University of Engineering & Technology
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Biography

Dr. Kalyan Kumar Halder
Professor
Research Area Digital Image Processing
Artificial Neural Networks Machine Drives

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 01-01-1970 to 01-01-1970*
- **Associate Professor**
  Department/Section: EEE
  Khulna University of Engineering & Technology *From 01-01-1970 to 01-01-1970*
- **Research Assistant**
  Department/Section: EEE
  Khulna University of Engineering & Technology *From 01-01-1970 to 22-12-2000*
- **Assistant Professor**
  Department/Section: EEE
  Khulna University of Engineering & Technology *From 01-01-1970 to 01-01-1970*
- **Lecturer**
  Department/Section: EEE
  Khulna University of Engineering & Technology *From 01-01-1970 to 01-01-1970*
- **Lecturer (Part-time)**
  Department/Section: EEE
  Khulna University of Engineering & Technology *From 01-01-1970 to 01-01-1970*

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

Publication

Books

Journals

12. Halder,K. K. , Habibullah,M. , Roy,N. K. , Rafiq,M. A. and Ghosh,a. B. , " ector Control of a Position Sensorless SPMSM Drive with RNN Based Stator Flux Estimator,"

Conference