Biography

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Amit Kumer Podder
Assistant Professor
Research Area Renewable energy,
Microgrid system, Security system, Conveyor
control system

Education

M.Sc. in EEE
   Khulna University of Engineering & Technology,Bangladesh(January-2017-2019)
   Thesis Title: Model predictive based energy efficient control of an on-grid PV inverter
   Satisfactory
B.Sc in EEE
   Khulna University of Engineering & Technology,Bangladesh(2012-2016)
Higher Secondary School Certificate
   Govt. Azizul Haque College,Bangladesh(2009-2011)Achievement:Board Scholarship in Talentpool Category
Secondary School Certificate
   SOS Hermann Gmeiner College , Bogra.,Bangladesh(2007-2009)Achievement:Board Scholarship in General Category

Service Records

- **Assistant Professor**
  Department/Section: EEE
  KUET *From to*
  Working Area:Khulna
  Responsibility:Conducting classes and labs and supervising students
- **Lecturer**
  Department/Section: EEE
  KUET *From to*
  Working Area:Khulna
  Responsibility:Teaching & Conducting sessional classes.
- **Lecturer**
  Department/Section: EEE
  North Western University *From to*
  Working Area:Khulna
  Responsibility:Teaching and conducting sessional classes.

Research Interest

Renewable energy, Microgrid system, Security system, Conveyor control system
Security system design using RFID, Bluetooth, GSM and Arduino microcontroller
Industrial automation for sophisticated conveyor system
Model predictive control for renewable energy source based microgrid applications

Publication

Books

1Podder,A. K. ,Rahman,M. Z. and Fahim,S. M. a. S. M. F. H. (June 2021 (Forthcoming)) , ISBN:9780367610920,CRC Press, Taylor & Francis