

# SHOUVIK MONDAL

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## EDUCATION

DEGREE/CERTIFICATE	SCHOOL/COLLEGE	BOARD/UNIVERSITY	YEAR
M.Tech(Power Electronics & Drives)	KIIT School of Electrical Engineering, Bhubaneswar, Odisha	KIIT University	2016
B.Tech (EE)	Haldia Institute of Technology, Haldia, West Bengal	West Bengal University of Techn	2012

## SUBJECTS OF INTEREST

- Power Electronics
- Electrical Drives
- Analog and Digital Electronics
- Electrical Machines

## SOFTWARE SKILLS

- Circuit Maker
- MATLAB
- PSPICE
- ETAP
- Eagle
- Simatic Manager
- PSIM

## INDUSTRY RECOGNIZED CERTIFICATIONS

- Industrial training in Ess Dee Aluminium Ltd. (India Foils Division), Kolkata in 2011  
Duration: 1 month
- Industrial Automation in MSME, CTTC, Bhubaneswar  
Duration: 1 month

## PROJECT AND WORKSHOPS

- Quiz Game Controller Using Pic-Microcontroller(16F73)
- PSPICE workshop arranged by IEEE.
- MATLAB workshop arranged by IEEE.
- Simulation and Hardware Implementation of A New Hybrid Multi-level Inverter

## PUBLICATIONS

- "Study of a new single phase multilevel inverter based on switched capacitor unit"- ICPEICES 2016, IEEE
- "Analysis and simulation of a new topology of Single phase multilevel inverter"- ICPEICES 2016, IEEE

## WORK EXPERIENCE

- Post: Teaching assistant Organization: KIIT school of Electrical Engineering, KIIT University  
Duration: June 2014-May, 2016
- Post: Assistant Professor at Haldia Institute of Technology, Haldia  
Duration: 1<sup>st</sup> August, 2016-till now.

## EXTRACURRICULAR ACTIVITIES

- Active member in Event Organizing Committee during graduation