

Mr.SUBODH KUMAR MOHANTY

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ASSISTANT PROFESSOR (I)

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Subodh Kumar Mohanty

INTERESTED RESEARCH AREAS:

POWER SYSTEM MONITORING, WAMS

SCHOOL LEVEL RESPONSIBILITY:

NSS PO, LAB UPGRADATION

ACADAMIC DETAILS :

S.NO	DEGREE	INTITUTION NAME	YEAR OF PASSING
1	M.tech	IIT Kharagpur	2013
2	B.E.	PKACE Bargarh	2006

EXPERIENCE:

1 INDUSTRIAL: 1 year Exp.

2.2 TEACHING: 7 year Exp.

PUBLICATION:

1) "A Comparative study of Discrete Fourier Transform (DFT) and moving window averaging technique of current differential protection on transmission line", Subodh Kumar Mohanty and Paresh Kumar Nayak. *IEEE ICACCS, SECE, Tamil Nadu, India, 2016.*

2) "Power Quality improvement of 1-ph grid integrated pulse width modulated voltage source inverter using Hysteresis current controller with offset band", Satyaranjan Jena, Bhabasis Mohapatra, Chinmay Kumar Panigrahi and Subodh Kumar Mohanty. *IEEE international conference ICACCS,SECE, Tamil Nadu, India 2016.*

M.Tech THESIS GUIDED:

YEAR :2016	
S.NO	TITLE
1	Reactive power compensation by using STATCOM.
2	Fault detection analysis in transmission line by Distance Relaying

B.Tech PROJECTS GUIDED:

YEAR :2014,2015,2016	
S.NO	TITLE
1	Smart Room Control
2	Energy Meter Billing with Load Control over GSM
3	Overhead Ground Wire Power supply Regulation Using IVACE

CONFERENCE/WORKSHOPS ORGANIZED/ATTANDED:

SL.NO	Title	Attended/organized	YEAR
1	Power ,Communication and Information Technology conference (PCITC)	Attended	Oct- 2015
2	International Conference on Advanced computing & Communication system (ICACCS)	Attended	Jan - 2016
3	National Conference on Restructuring in Indian Power Sector & Smart Grid	Attended	April - 2016

SUBJECTS TAUGHT:

S.NO	SUBJECT CODE	SUBJECT NAME
1	EE-2003	NETWORK ANALYSIS
2	EE-3001	ELECTRICAL POWER TRANSMISSION & DISTRIBUTION
3	EE-3002	POWER SYSTEM OPERATION & CONTROL
4	EE-4003	SWITCH GEAR PROTECTION & DEVICES
5	EE-1001	BASIC ELECTRICAL ENGINEERING