

Mrs. Banishree Misra

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Assistant Professor II

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INTERESTED RESEARCH AREAS:

- Power Electronics
- Power Qualities of DPGS
- Electric Drives
- Renewable Energy.

ACADAMIC DETAILS :

S.NO	DEGREE	INTITUTION NAME	YEAR OF PASSING
1	M Tech	KIIT University	2007
2	B Tech	FM University	2001
3	12 th	CHSE Odisha	1996
4	10 th	BSE Odisha	1994

SCHOOL LEVEL RESPONSIBILITY:

- Electrical Drives Lab Co-Ordinator
- Member of Accreditation Team (NBA, NAAC, IET, ABET)
- Faculty co-ordinator: Guest Faculty, FDP, Seminars

EXPERIENCE:

INDUSTRIAL: 2 Years in Software Industry

TEACHING: 12 Years

PUBLICATION:

1. B. K. Nayak, A R Mohapatra, B. Misra, Model Validation and Maximum Power Point Tracking of Photovoltaic Module, IEEE conference PESTSE-2016, 978-1-4799-3421.

2. B. K. Nayak, A R Mohapatra, B. Misra, Non Linear I-V Curve Of PV Module: Impacts On MPPT And Parameters Estimation, International Journal of Engineering Research & Technology (IJERT), ISSN: 2278-0181.

M.Tech THESIS GUIDED:

YEAR :	
S.NO	TITLE
1	Family of soft switching converters and its steady state analysis
2	Pulse width modulated soft switched converters
3	ZVS DC-DC converters
4	A unified model of ZVS buck converter with active clamp
5	LC and LLC series resonant DC-DC converter
6	Analysis and design of flyback converter
7	Modeling & analysis of photovoltaic array with boost converter: an open loop study
8	Simulation and analysis of PV system with MPPT.
9	Maximum power point tracking in standalone pv system using incremental conductance , p & o technique & cuk converter

CONFERENCE/WORKSHOPS ORGANIZED/ATTANDED:

Name of the Course/Programme/Training/ (UGC/ICAR/ICHR/ICSSR/Summer or winter school etc)	Place & Institution	Duration	Sponsoring Agency Academics/University
TEQIP Sponsored national workshop	Dept. of Electrical Engg. CET, Bhubaneswar, Odisha	28 th - 30 th December, 2015	TEQIP sponsored
IEEE, PCITC -2015	SOA University, Bhubaneswar	14 th -17 th October	IEEE, SOA University
FDP-2015	KIIT University	26 th -30 th June 2015	KIIT University
FDP on "Emerging Trends And Challenges In Electric Power System"	C V Raman College of Engineering, Bhubaneswar.	18 th -23 rd May 2015	C V Raman College of Engineering , Bhubaneswar.

Workshop on “Management And Art Of Patenting In ICT And Embedded System: An Appropriate Root For Commercialisation”	KIIT TBI, KIIT University,	2015	Deity, Ministry of communication and IT, GOI & KIIT
FDP on “Present & Future Technologies In Electric Power & Energy Systems”	C V Raman College of Engineering, Bhubaneswar.	23 rd -28 th May 2016	C V Raman College of Engineering , Bhubaneswar.
National Science Day	KIIT University	27 th - 28 th February 2016	KIIT University
FDP on LabVIEW in Electrical Engineering and Smart Grid Technology.	KIIT University	27th-30th June 2016	National Instruments , India
FDP on Electrical Power Distribution Management.	College of Engineering, Bhubaneswar	20th-24th September, 2016	TEQIP Sponsored
FDP on Entrepreneurship	KIIT TBI KIIT University	3rd-19th October, 2016	TEQIP Sponsored

SUBJECTS TAUGHT:

S.NO	SUBJECT CODE	SUBJECT NAME
1		Electrical Machines
2		Power Electronics
3		Electric Drives
4		Wind Energy System
5		Drive System In Electric Traction
6		Basic Electrical Engineering
7		Electrical Power Transmission and Distribution
8		Switchgear and Protection
9		Utilisation of Electrical Power
10		Advanced Power Electronics

