

Mr. RUDRA NARAYAN DASH

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ASSISTANT PROFESSOR

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INTERESTED RESEARCH AREAS:

CONDITION MONITORING OF ELECTRICAL MACHINES

SCHOOL LEVEL RESPONSIBILITY:

Accreditation committee Member

ACADAMIC DETAILS :

S.NO	DEGREE	INTITUTION NAME	YEAR OF PASSING
1	Ph.d	KIIT University	Continuing
2	M.Tech	NIT Rourkela	2010
3	B.Tech	KIIT University	2005
4	Diploma	Nilachal Polytechnic	2001
5	HSC	BSE, Odisha	1998

EXPERIENCE:

TEACHING:

- ✓ Worked as a Lecturer in the Department of Electrical Engineering at “SYNERGY INSTITUTE OF ENGINEERING & TECHNOLOGY”, Dhenkanal, Odisha, India from 15th Dec 2005 to 31st Jun 2008.
- ✓ Worked as Asst. Professor in the Department of Electrical Engineering at “SYNERGY INSTITUTE OF ENGINEERING & TECHNOLOGY”, Dhenkanal, Odisha, India from 1st Oct 2010 to 16th July 2011.
- ✓ Working as a Asst. Professor in the School of Electrical Engineering at “KIIT UNIVERSITY”, Bhubaneswar, Odisha, India Since 21st July 2011 to till date.

PUBLICATION:

- ✓ R. N Dash, Sangeeta Sahu, C. K Panigrahi, B.Subudhi, “Condition Monitoring of Induction Motors: - A Review”, IEEE International Conference on Signal Processing, Communication, Power and Embedded system, (SCOPEs - 2016) Paralakhemundi, Odisha, Oct 3rd – 5th, 2016.

- ✓ A Panigrahi, R N Dash, “Economic assessment of a grid-connected biomass power plant using SAM : A project feasibility study in Odisha, India”, Accepted in 4th IEEE International conference on Smart Energy Grid Engineering (SEGE2016) to be held in Oshawa, Canada, during August 21-24, 2016.
- ✓ A Panigrahi, R N Dash, “ Financing of solar power projects: A study of current financial structures in Odisha”, 3rd International conference on Electrical, Electronics, Engineering Trends, Communication and Optimisation and sciences, Andra Pradesh, June 1 – 2, 2016.
- ✓ R. N Dash, C. K Panigrahi, B.Subudhi, “A comparison between RNN and RBF NN techniques for the detection of stator inter-turn fault of an induction motor”, IEEE International Conference on Electrical, Electronics, Signals, Communication and Optimisation. (EESCO - 2015) Vizag, Jan 24- 25, 2015.
- ✓ R. N Dash, C. K Panigrahi, B.Subudhi, “A comparative study of an Induction motor stator inter-turn fault using different soft computing techniques”, 4th International conference on computing communication and sensor network (CCSN - 2015) Calcutta, Dec 24- 25, 2015.
- ✓ R. N Dash, B.Subudhi, S.Das, “induction motor stator inter-turn fault detection using wavelet transform technique”, 5th IEEE International Conference on Industrial and Information Systems (ICIIS - 2010) NIT Surathkal, Jul 29- Aug 01, 2010.
- ✓ R. N Dash, B.Subudhi, S.Das, “A comparison between MLP NN and RBF NN techniques for the detection of stator inter-turn fault of an induction motor”, IEEE International Conference on Industrial Electronics, Control and Robotics (IECR - 2010) NIT Rourkela.
- ✓ R. N Dash, B.Subudhi, S.Das and A.Mishra, “Neural network and wavelet techniques for detection of interturn short circuit fault in stator winding of an induction motor,” international journal on power system optimization and control, vol.1, no.2, pp.57-63, jul-dec 2009.
- ✓ R. N Dash and B.Subudhi, “Comparison of Stator Inter-Turn fault Detection Techniques applied to Induction Motor”, international journal on Archives of Control Sciences, vol.20(LVI), no.3, pp.253-266, 2010.
- ✓ R Dash, “A Neural Network Approach to Detection of Stator Inter-turn Faults in Induction Motor”, National Conference at Patiala, Punjab, 29th - 30th Oct., 2009.

M.Tech THESIS GUIDED:

YEAR :	
S.NO	TITLE
1.	Utilization of PV-Solar Plant as Statcom during dark periods.
2.	Technical And Economic Performance Evaluation of Standalone Biomass Based Systems

B.Tech PROJECTS GUIDED

YEAR :

S.NO	TITLE
1.	Temperature Based Speed control of Exhaust Fan Using Thermistor.
2.	Production of Electricity From Cattle Urine.
3.	Solar Tracking Panel

SUBJECTS TAUGHT:

S.NO	SUBJECT CODE	SUBJECT NAME
1.	EE 401	Electrical Machine I
2.	EE 504	Electrical Machine II
3.	EE 603	Power Apparatus Design
4.	EE 101	Electrical Science
5.	PGEE 222	Energy Instrumentation