List of Conference Publications (2014-2015)
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Sl. No	International/ National	Journal/ Conference	Name of Author	Title of Paper	Conference Name
1	International	Conference	**R. Keshri**, S. Garlapati, and A. Tessarollo, G. Buja	**Torque Capabilities of a Five-Phase PM BLDC Drive vs. a Three-Phase One and Various Supply Modes**	**Proceedings of IEVC 2014, Florence, Italy.**
2	International	Conference	S. Garlapati, G. Buja, M. Beroluzzo, **R.K. Keshri,**	**Commutation effects on motor current and torque in five-phase PM BLDC drives**	**IEEE Proceedings of IECON 2014,Dallas Texas USA.**
3	International	Conference	**Aftab Alam**, Sharad Agrawal and **P.R. Thakura**	**Regenerative Braking for Induction Motor Drive**	**6th IEEE Power India International IEEE PIICON 2014. DTU Delhi**
4	International	Conference	Bidyut Mahato, **P.R.Thakura**, K.C.Jana	**Hardware Design and Implementation of Unity Power Factor Rectifiers using Microcontrollers**	**IEEE, India Int. Conf. on Power Electronics, NIT Kurushetra.**
5	International	Conference	Anand Kumar and **P.R.Thakura**	**Hardware Development and Implementation of Single Phase Matrix Converter as Cycloconverter and Inverter**	**IEEE, India Int. Conf. on Power Electronics, NIT Kurushetra.**
6	International	Conference	R.K. Jha, S. Garlapati, **R.K. Keshri**, G. Buja	**Remedial control strategies for a three-phase PM BLDC drive under VSI faults**	**IEEE Proceedings of PEDES 2014, Mumbai, India**
7	International	Conference	G K Nand, Noopur and **N Neogi,**	**Defect detection of steel surface using entropy segmentation**	**IEEE INDICON 2014 conference, Pune, India.**
8	International	Conference	Arjun Baliyan, **Sudhansu Kumar Mishra**	**Efficient Prediction of Short Term Load Demand using Chebyshev Functional Link Artificial Neural Network**	**IEEE International conference, ICIIECS, Coimbatore**
9	International	Conference	Ch Murthy, D S Roy, **D K Mohanta**	**Re-estimation of Hidden Markov Model Parameters of Phasor Measurement Unit**	**Power, Communication and Information Technology Conference (PCITC, IEEE Conference-2015), Bhubaneswar**
10	International	Conference	Priyatosh Mahish, **Sarbani Chakrabarty**	**Frequency Tuning Properties of Magneto-Optic Sensor**	**IEEE-International Conference on Devices, Circuits & Communications, (ICDCCom-2014)**
11	International	Conference	**S. Chakraborty**, Krishna K. Sinha, Prashant Kumar	**Evanescent Absorption based Refractive index measurement at 1.3 μm**	**IEEE International conference on Industrial Instrumentation and Control (ICIC)Pune, India**

Sl. No	International/ National	Journal/ Conference	Name of Author	Title of Paper	Conference Name
12	International	Conference	MadhusudanDey, Mriganka Biswas, Santu Ghosh, **SarbaniChakaraborty**	Real Time Pulse Processors for Physics Experiments-Simulation and Implementation	IEEE International Conference in signal processing and Computer Technology(ICSPCT) -2014
13	International	Conference	Pallav, Sumit Kr. Pandey, **V. Laxmi**	PID control of magnetic levitation system based on derivative filter	IEEE Annual International Conference on Emerging Research Areas: Magnetics, Machines and Drives (AICERA/iCMMD), Kottayam, India
14	International	Conference	D Kumar, D Ghosh, **D K Mohanta**	Simulation of Phasor Measurement Unit in MATLAB	International Conference on Signal Processing and Communication Engineering Systems, K L University, Vijayawada, India
15	International	Conference	Arjun Baliyan, Kumar Gaurav, **Sudhansu Kumar Mishra**	A Review of Short Term Load Forecasting using Artificial Neural Network Models	International Conference on Intelligent Computing, Communication& Convergence (ICCC-2014),Bhubaneswar, INDIA. Elsevier, Procedia Computer Science.
16	International	Conference	Sarat Mishra, **Sudhansu Kumar Mishra**	A Comparative Study of Solution of Economic Load Dispatch Problem in Power Systems in the Environmental Perspective	International Conference on Intelligent Computing, Communication& Convergence (ICCC-2014),Bhubaneswar, INDIA. Elsevier, Procedia Computer Science.
17	International	Conference	Sadhna Malik, **Sudhansu Kumar Mishra**	Optimal Design of a Fuzzy PID controller for Inverted Pendulum System	International Conference on Communication, Computing and Power Technologies (ICCCPT-2015), Chennai, India, Springer
18	International	Conference	SandhyaSuman, **Sudhansu Kumar Mishra**	Active Noise Control Using Multi Layer Functional Link Artificial Network	International Conference on Communication, Computing and Power Technologies (ICCCPT-2015), Chennai, India, Springer
19	International	Conference	Labani Chongdar, **Sarbani Chakraborty**	Design of controller for liquid lens system	E-Proceedings of XXXIX Conference of Optical Society of India, International Conference on Optics and Photonics,University of Calcutta, India.
20	International	Conference	Sumit Kumar Pandey, **Vijaya Laxmi**	Application of Linear Search Algorithm in control of TRMS	SPRINGER SERIES IN ADVANCES IN INTELLIGENT SYSTEMS AND COMPUTING (AISC)
21	International	Conference	**Prem Prakash**, Prem Pratik, & **Dr. R. C. Jha,**	Voltage Sensitivity Based Reactive Power Injection Using Fuzzy Inference System In Power System	Artificial Intelligence and Evolutionary Computations in Engineering Systems, Springer Publication
22	International	Conference	Kumar Gaurav , Amit Sahoo, **Sudhansu Kumar Mishra**	Nonlinear System Identification using Functional Link Multilayer Perceptron Artificial Neural Network	International Conference on Power, Circuit and Information Technologies (ICPCIT-2015), Bangalore, India, Spinger

Sl. No	International/ National	Journal/ Conference	Name of Author	Title of Paper	Conference Name
23	International	Conference	MohiniYadav, P. Prakash, **R. C. Jha**	**Reliability and Energy benefit analysis of distribution system incorporating wind turbine generator**	**1st International Conference on Nano-electronics, circuits and Communication Systems (NCCS-2015) Ranchi, India**
24	International	Conference	**NutanLataNath**, Pallavi Dutta, ShilpiKumari, UrjaswitLal	**Performance Analysis of 3-Phase Induction Motor:Through Simulation in SIMULINK and TMS kit**	**International Conference on Nano-electronics, Circuits & Communication Systems (NCCS-2015)**
25	International	Conference	Soumajeet Roy, Arnab Malakar and **SarbaniChakraborty**	**Linear and nonlinearcontroller design for magnetic levitation system**	**International Conference on CCEEDS and EEECOS, Andhra Pradesh**
26	International	Conference	Sumit Kr. Pandey, **V. Laxmi,** Raghuvansh Singh	**Stability Analysis of Twin Rotor MIMO System based on optimal control Technique**	**2nd International Conference on Knowledge Collaboration in Engineering ICKCE2015**
27	International	Conference	Sumit Kr. Pandey, **V. Laxmi**	**Optimal control of Twin Rotor MIMO system using LQR Technique**	**Computational Intelligence in Data Mining, Smart Innovation, Systems and Technologies,**
28	International	Conference	D. Sain, **S.K. Swain, Sudhansu.K. Mishra**	**Design of Two-loop PID controller for Inverted Cart-pendulum System Using Modifed Genetic Algorithm**	**International Conference on Computational Intelligence, Ranchi**
29	International	Conference	S. Mishra, A. K. Nanda, **Sudhansu Kumar Mishra**	**Harmonics Minimization in Inverter using fuzzy controller based photovoltaic cell**	**International Conference on Computational Intelligence, Ranchi**
30	International	Conference	SohamDey, SushmaKamlu, **Sudhansu Kumar Mishra**	**Optimization of Fuel Consumption and Emission for Hybrid Electric Vehicle**	**International Conference on Communication, Computing and Power Technologies (ICCCPT-2015), Chennai, India, Springer**
31	International	Conference	Sarat Mishra, **Sudhansu Kumar Mishra**	**Multi-objective Solution of Economic Emission Dispatch Problem using Non-dominated Sorting Genetic Algorithm**	**2nd International Conference on Electrical, Electronics, Engineering Trends, Communication, Optimization and Sciences, Vijayawada, Andhra Pradesh, India.**
32	International	Conference	Surya Narayan Tripathy, **Sudhansu Kumar Mishra**	**Optimal Design and Dynamic Modeling of Induction Motor using Modified Genetic Algorithm**	**2nd International Conference on Electrical, Electronics, Engineering Trends, Communication, Optimization and Sciences, Vijayawada, Andhra Pradesh, India.**