List of Journal Publications (2016-17)
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Sl. No.	International/ National	Journal/ Conference	Name of Author	Title of Paper	Journal Name	Published From
1	International	Journal	**Aftab Alam**, Manoj Kumar Mukul, Parashuram Thakura	Wavelet Transform Based EMI Noise Mitigation in Power Converter Topologies	IEEE Trans. On Electromagnetic Compatiblity(TEMC-274-2015)	IEEE
2	International	Journal	**Deepak Kumar**, S.R. Samantaray, and I. Kamwa	MOSOA Based Design of Advanced Power Distribution Networks	IEEE Systems Journal (Early Access)	IEEE
3	International	Journal	M. J. B. Reddy, Rounak Meyur, Diptak Pal, C. Krantikumar, **D. K. Mohanta**	An Online GIS-Based ConditionMonitoring System for 11 kV Distribution Line Insulators	IEEE Electrical Insulation Magazine (Accepted in 2017)	IEEE
4	International	Journal	Gopakumar, M. Jaya Bharata Reddy and **D. K. Mohanta**	Optimal Phasor Measurement Unit Placement for the Emerging Indian National Smart Grid- A Case Study	IEEE Potentials. (Accepted for Publication.)	IEEE
5	International	Journal	Rajaraman, N. Sundaravaradan, R. Meyur, M. J. B. Reddy, **D. K. Mohanta**	Fault Classification in Transmission Lines Using Wavelet Multiresolution Analysis	IEEE Potentials	IEEE
6	International	Journal	N.A.Sundaravaradan, P. Rajarama, RounakMeyur ; MallikarjunaBalimidi, M.JayaBharata Reddy, **Dusmanta Kumar Mohanta**	Real-Time Fault Analysis of Transmission Lines Using Wavelet Multi Resolution Analysis Based Frequency Domain Approach	IET Science, Measurement & Technology	IEEE
7	International	Journal	**Deepak Kumar**, and S.R. Samantaray	Implementation of multi-objective seeker-optimization-algorithm for optimal planning of primary distribution systems including DSTATCOM	International Journal of Electrical Power and Energy Systems (Elsevier)	Elseviers
8	International	Journal	**Sudhansu Kumar Mishra**, Ganapati Panda, Babita Majhi	Prediction based mean-variance model for constrained portfolio assets selection using multiobjective evolutionary algorithms	Swarm and Evolutionary Computing, Elsevier	Elseviers

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10	International	journal	P. Mishra, **T. Ghose**	A direct method for assessment of overall voltage condition of power system	International Journal of Electrical Power & Energy Systems (Elsevier)	Elseviers
11	International	journal	**D K Mohanta**, Ch Murthy, D S Roy	A Brief Review of Phasor Measurement Units as Sensors for Smart Grid	Electric Power Components & Systems (Taylor & Francis Publications)	Taylor& Francis
12	International	journal	SP Jainaveen, MJB Reddy, **DK Mohanta**	Automatic licence plate detection using adaptive neuro fuzzy inference system and wavelet packets	Australian Journal of Multi-Disciplinary Engineering (Taylor & Francis Online)	Taylor& Francis
13	International	journal	S. Kamlu, **V. Laxmi**	Implementation of Fuzzy Model for Maintenance Scheduling of Vehicles Based on Monte Carlo Simulation and Geographical Information System	IETE Journal of Research	Taylor& Francis
14	International	journal	Manish Kumar, **Sudhansu Kumar Mishra**	Jaya-FLANN based adaptive filter for mixed noise suppression from ultrasound images	Biomedical Research (Indexed in SCI)	Biomedical Research
15	International	journal	**Sarbani Chakraborty**, Sarita Kumari	Simulation of transmission characteristics of birefringent filter using magneto-optic elements	Journal of Optics, Springer Publication	Springer
16	International	journal	Manish Kumar, **Sudhansu Kumar Mishra**, Sitanshu Sahu	Cat Swarm Optimization Based Functional Link Artificial Neural Network Filter for Gaussian Noise Removal from Computed Tomography Images	Applied Computational Intelligence and Soft Computing, Hindawi Publishing Corporation	Hindawi Publishing
17	International	journal	DebdootSain, **Subrat Kumar Swain, Sudhansu Kumar Mishra**	TID and I-TD Controller Design for Magnetic Levitation System Using Genetic Algorithm	Perspectives in Science (2016)	Elsevier

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18	**International**	**Journal**	SoumyaRanjan, **Sudhansu Kumar Mishra**	**Power factor and motor efficiency optimization of three-phase linear induction motor using NSGA-II algorithm**	**International Journal of Swarm Intelligence, Inderscience**	**Inderscience**
19	**International**	**Journal**	Sarat Kumar Mishra, **Sudhanshu Kumar Mishra**	**Solution of Constrained Economic Emission Dispatch Problem Using Multi-Objective Particle Swarm Optimization**	**International Journal of Control Theory and Applications (IJCTA), (Indexed in Scopus)**	**International Science Press**
20	**International**	**Journal**	Biswajit Chakraborty, **Sarbani Chakraborty**	**Effect of tilt on the performance of a quarter-wave prism retarder**	**Optical Engineering, SPIE**	**Optical Engineering, SPIE**
21	**International**	**Journal**	D.Sain, **S.K.Swain, S.K.Mishra**, S.Dutta	**Robust Set-Point Weighted PID Controller Design using genetic Algorithm for Electric Furnace Temperature Control System**	**International Journal of Control Theory and Applications (IJCTA), (Indexed in Scopus)**	**Serials Publication Ltd.**