

**Academic Year 2014-15****Faculty Journal Publications**

Sl. No.	Author	Paper Title	Journal Details
1	Dr. N. Kalaiarasi	Low Cost Non Recursive Digital Filter	Internal Journal of Computer Applications in Engineering, Vol.III, Special issue, pp.146-150.
2	Dr. N. Kalaiarasi	A Novel Reference Current Generation Algorithm for Three Phase Shunt Active Power Filter	Power Electronics and Renewable Energy Systems- Lecture Notes in Electrical Engineering, Vol. 326, Nov 2014, pp 1467-1475.
3	Dr. N.Kalaiarasi	Robust Scheduling Analysis for Stability Constraints in Network Control System,	International Review on Computers and Software, Vol.9, Issue No. 6, June 2014.
4	Dr. N.Kalaiarasi	Hardware Complexity Reduction of Parallel FIR Filter Structures based on Fast FIR Algorithm,	International Journal of Soft Computing, Vol 9(5), 2014 pp 308-313.
5	Dr. N.Kalaiarasi	Synchronous Reference Frame Method for a Four Legactive Power Filter using UDCS Frequency Scheme Undernon-Stiff Source Conditions	International Journal of Applied Engineering Research, Vol 10, Issue 7, 2015, pp 17779-17787.
6	Umadevi N	Data Interpolation and Design Optimisation of Brushless DC Motor Using Generalized Regression Neural Network	Journal of Electrical Engineering & Technology, Vol 10, Issue 1, Jan 2015, pp: 188-194.
7	Umadevi N	Design optimization for cogging torque mitigation in brushless DC motor using	COMPEL: The International Journal for Computation and Mathematics in Electrical and Electronic

		multi-objective particle swarm optimization algorithm	Engineering, Vol. 34 Issue: 4, 2015, pp.1302 – 1318.
8	Nageswari D	Single Phase Nine Level Inverter with Reduced Number of Switches	International Journal for Scientific Research & Development, Vol. 3, Issue2, April 2015, pp 960-965.
9	Geetha Mahalakshmi G		
10	Umadevi R		
11	Gunalan K	A New Control Strategy to Enhance LVRT for Doubly Fed Induction Generator	WSEAS TRANSACTIONS on Power Systems, Vol. 10, 2015, pp 135-144.
12	J.Prakash	Design of PSO- Fuzzy MPPT Controller for photovoltaic Applications	Power Electronics and Renewable Energy systems, Vol 326, Issue XXVI .
13	J.Prakash	Design of Soft Switching Interleaved Boost Converter for Photovoltaic Application”,	Research Journal of Applied Sciences Engineering and Technology, Vol 9 Issue 4, February 2015, pp: 296-308.
14	Catherine T J	Improvement of Transmission Parameters in a 9-Bus System with Unified Power Flow Controller	International Journal of Science Technology & Engineering, Vol 1 Issue 10, 2015, pp 159-165.
15	Catherine T J	Improvement of Voltage Profile in Power Transmission System using Facts Devices	International Journal of Emerging Technology in Computer Science and Electronics, Vol 13, Issue 4, 2015, pp 522-531.
16	K.V.Bindu	A Dual Mode Topology for Low Power Applications	International Journal of Electrical and Electronics Research, ISSN 2348-6988, Vol. 2, Issue 3, pp: (118-125), July –September 2014.
17	B.Nagarani		
18	Bindu K V	Modeling and Simulation of an Integrated Photovoltaic-Wind Hybrid Power Generation Strategy	International Journal of Science Technology & Engineering, Vol. 1, Issue 10, April 2015, pp 41-46.

18	D.Nageswari	Implementation of Fuzzy Logic Tuned Direct Torque Control in Induction Motor for Torque Ripple Reduction,	International Journal of Engineering Research and Reviews Vol. 2, Issue 3, September 2014.
20	G.GeethaMahalakshmi		
21	D.Nageswari	Implementation of Two Mode Control Scheme of Synchronous Buck Boost DC-DC Converter”,	International Journal for Scientific Research & Development, Vol. 3, Issue 2, April 2015, pp 954-959.
22	G.Geetha Mahalakshmi		
23	Dilavar Basha K	A Novel Technique to Improve Power Quality using Fuzzy Logic Controller with Transformer Less Dynamic Voltage Restorer	International Journal of Science Technology & Engineering, Vol.1, Issue 10, April 2015, pp 109-114.
24	Dilavar Basha K	Implementation of High Frequency Resonant Inverter with soft switching Using Ferrite Core Transformer	International Journal of Applied Engineering Research, Vol. 9, Number 24, 2014, pp. 27537-27547.
25	Nagarani B	Fuzzy Logic Controller for Stand Alone Wind Energy Conversion System	International Journal for Scientific Research & Development, Vol. 3, Issue 02, 2015, pp 1256-1261.

Faculty Conference Details

Sl. No.	Author	Paper Title	Conference Details
1	Catherine T. J	Unified Power Quality Conditioner for performance enhancement of Transmission Line	International Conference on Advances in Engineering and Technology (ICAET-2015),Jaya Engineering College Chennai, on 28 th March 2015.
2	Catherine T. J	Unified Power Flow Controller for Improvement of parameters in a Transmission Line	International Conference on Advances in Engineering and Technology (ICAET-2015), Jaya Engineering College Chennai, 28 th March 2015.
3	Nageswari D	Implementation of	National Conference in Power

4	GeethaMahalakshmi G	Discontinuous Inductor Current Mode in Cuk Converter fed Brushless DC Motor	Engineering, Power Electronics and Control Systems conducted by R.M.K. College of Engineering and Technology on 23.02.2015.
5	Ms.Nagarani B	Efficiency Optimization of PV System using Incremental Conductance Algorithm	National Conference in Power Engineering, Power Electronics and Control Systems conducted by R.M.K. College of Engineering and Technology on 23.02.2015.
6	Ms.Bindu K V		
7	Prakash J		