

## **Faculty Publications: 2013-14 (International Journals)**

1. G.Nagaraju and M.Mahesh Kumar "Improvement of Quality of Power by using Fuzzy Logic Controller of DSTATCOM with reduced DC Link Voltage rating for Load compensation under Non stiff Source condition", International Journal of Engineering research-online Vol: 1 Issue:2, Sep 2013, Page: 241-251.
2. J.Sunil Babu and L.Venkateswaralu . An Improved Current Control Technique for the Multilevel Inverter Used As A Shunt Active Power Filter. et al. / IJAIR Vol. 2 Issue 7 ISSN: 2278-7844 © 2013 IJAIR.
3. Improving power quality to enhance the dynamic performance of DFIG by using SMES by P.D.V.S.K.Kishore and K.Mastan Rao IJTES-2013
4. P.Sk Karimulla and P.Sekhar" voltage sag mitigation for power quality enhancement using an integrated nine switch power conditioner with fuzzy controller " International journal of engineering Research Vol. 1 issue 2 2013.
5. T. Naga Jyothi, Dr. K. Ravi Chandrudu "Design, Modelling & Simulation of Double Sided Linear Segmented Switched Reluctance Motor" *IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE)* e-ISSN: 2278-1676,p-ISSN: 2320-3331, Volume 7, Issue 1 (Jul. - Aug. 2013), PP 95-100 [www.iosrjournals.org](http://www.iosrjournals.org).
6. A.Ramanjaneyulu and Narendra Korrapolu "POWER FLOW ENHANCEMENT WITH BETTER CONTROL STRATEGY BY DPC AND FUZZY LOGIC ON UPFC", 'International journal of Engineering Research-Online A Peer Reviewed International Journal Articles, Vol.1., Issue.2., 2013, ISSN: 2321-7758"Vol 1 (5), pp 415 – 421, August 2013.
7. D.Sagar and Mary Jones Rudrapogu grid interconnection of pv system with three phase zvs inverter fed induction machine drive International Journal of Emerging Trends in Technology Science & Engineering (IJETTSE) ISSN (Online) Volume-2, Issue-1, 2013
8. J.Viswanatha Rao et.al, "Analysis of Radial Distribution Systems by optimal placement of DG using DPSO", Published in International Journal of Engineering Research & Technology, Vol 1 Issue.10, 2013 , pp 1-7, ISSN:2278-0181.
9. A.Srinivasula Reddy , Dr.T.Purna Chandra Rao ,P.Sarala and T.Narasa reddy "Modelling and Simulation of PWM Line Converter feeding to Vector Control Induction Motor Drive and 3-Level SVM Based PMSM Drive. ISSN: 2278-7844, July 2013.
10. SK.MD.Shareef and R.Ratna Raju " power system loading margin improvement with SVC using Multi objective Particle swarm Optimization" International journal of Advanced and Innovative Research (IJAIR) vol.2 ,Issue 7, ISSN: 2278-7844, July 2013.
11. Karimulla.SK.Peerla and M.UdayaBhanu "A Brief Analysis and Control of Transformerless Grid Connected Photo voltaic Based Inverters" International journal of Electrical and Electronics and Telecommunication engg,Vol.43, 2013.
12. Variable Speed wind turbine based DFIG LVRT solution using series voltage compensation by P.Ravi kumar and K.Jeevan Reddy(IJAIR-2013)
13. Y.Rajesh Babu & M.Tulasi "Elimination of Harmonics by using MLSAPF and comparison between SRF, Id-Iq and modified Id-Iq Theory-IJAIR-2013

14. Y.Rajesh Babu & S.Chandrasekhar Phase and cell imbalance compensation in Grid connected imbalanced photovoltaic systems IJAIR-2013
15. S.Chandrasekhar & Y.Rajesh Babu Phase and cell imbalance compensation in Grid connected imbalanced photovoltaic systems IJAIR-2013