



## Recent Conference Paper Publications

1. G. S. Mahesh, "The Detection of Power Quality Disturbance Using Wavelet Technique", *ICSE*, pp 53-54. Bangalore, India, April 21-23, 2010.
2. K. Narayana Swamy and B.P. Divakar, "Simulation Study of Multilevel Inverters topologies", *Proceedings of the International conference on Emerging Trends in Engineering*, pp 505 -510, NMAM Institute of Technology, NITTE, Mangalore, India, 2011.
3. H.S. Gangadharaiah and B.P. Divakar, "Implementation of digital UART using VHDL for XILINX CPLDs", *International conference REC Bhalki- ICN -2011*.
4. B.P. Divakar and K.W.E. Cheng, "Understanding the conducting states of active and passive devices in an inverter circuit used for power system application", *Proceedings of the International conference on Power Electronics Systems and applications*, The Hong Kong Polytechnic University, Hong Kong, 2011.
5. K.S. Venkatesh Prasad and B.P. Divakar, "Battery State of Charge estimation techniques and their relevance, 31-35", *National Conference on emerging trends in electrical Engg. And Communications, ETEC -2012*, St Ann's CET, Andra Pradesh, 2011.
6. Sumita Shankar Manure, "Design and Performance Analysis of DWT/FFT Based OFDM Systems", *ARTCC-2011, IET, RITM, Bangalore, India 2011*.
7. Sumita Shankar Manure, "Design and FPGA Implementation of Improved Lifting Scheme Based DWT for OFDM Systems", *ARTCC-2011, IET, RITM, Bangalore, India 2011*.
8. Adil usman and B.P. Divakar, "Simulation Study of load frequency control of single and two area systems, 214-219", *IEEE GHT conference*, Seattle, USA, Oct 2012.
9. Vishwanath V and Nagesh B.K., "Controlling of bidirectional buck-boost converter for photo voltaic power plant", *National Conference on emerging trends in electrical And Electronics ETEE -2012*, DON BOSCO Institute of Technology, Bangalore, India, 2012.
10. Vishwanath V and Shruthi Bagalodi, "Modeling & simulation of buck-converter using mat-lab & psim", *National Conference on emerging trends in electrical And Electronics ETEE -2012*, DON BOSCO Institute of Technology, Bangalore, India, 2012.
11. Vishwanath V and Dr.Manjunath Reddy Y.R, "Microcontroller based bidirectional buck-boost converter for photo voltaic power plant", *National Conference on emerging trends in power systems NCPC -2012*, ACHARYA Institute of Technology, Bangalore, India, 2012.

- 12.** Monika Sharma, “Simulation Based Performance Analysis of TSC (FACTS Controller) in a 3-Phase Transmission Line”, *PEPCCI*, pp.44-45, Vasad, India, 2012.
- 13.** Shrikant Misal and Dr. B.P. Divakar, “Performance Evaluation of Ultra-Capacitor in Hybrid Energy Storage System for Electric Vehicles”, *Proc.IEEE Asia Modelling Symp.* pp.212–217., IEEE Computer society Hong Kong, July 2013.
- 14.** Shrikant Misal and B.P Divakar, “Variable window hysteresis control strategy for ultra-capacitor configured energy storage system for electric vehicles”, *Proc. IEEE, Power electronics system and application*, conference, Dec 16-18, Hong Kong.
- 15.** Venkatesh Prasad, B.P. Divakar, Pavan Kumar, “Development of Charge Equalization circuit”, *Proc. IEEE, Power electronics system and application, conference, Dec 16-18*, Hong Kong.
- 16.** Vadiraj, K.Narayana Swamy, B.P. Divakar, “Generic SPWM Technique for Multilevel Inverter”, *5th IEEE PES Asia-Pacific Power and Energy Engineering Conference (APPEEC 2013)*, 8-11 Dec, 2013, Hong Kong