

Publications

Journal Papers:

1. **“Performance Analysis of SVPWM Inverter Fed Permanent Magnet Synchronous Motor”** Vikas Patel, Dr. V. K.Giri. Volume-3 issue-5 of IJCMS ISSN 2347-8527 Vol. 3, issue-5 pp. 5-14 July 2014.
2. **“Field Oriented Control of Permanent Magnet Synchronous Motor using SVPWM technique”** Vikas Patel, Dr. V.K Giri. Volume-2 Issue-3 of IJEERT ISSN 2349-4409 volume 2, Issue 3 June 2014 pp 246-255.
3. **Direct Data Compression Techniques of ECG an Overview”** Himani Tiwari, **Vikas Patel**, Dr. V.K. Giri. *I-manager’s Journal on Digital Signal Processing*, Vol. 2 No. 4 ISSN No. 2321-7480 October - December 2014 pp. 19-29.
4. **Overview of Predictive Control Scheme used in Power Converter and Drives”** Pooja Dhawan, Dr. V.K. Giri, **Vikas Patel**,. *I-manager’s Journal on Electrical Engineering*, Vol. 9 No. 1 ISSN- 0973-8835 July - September 2014. pp. 7-15.
5. **Mathematical Modeling & Simulation of 120MW Coal fired Power Plant”** Vivek Patel, **Vikas Patel**, i-manager’s Journal on Electrical Engineering, Vol. 9 No. 3 ISSN- 0973-8835 Jan – March 2016 pp. 10-14.
6. **“Modeling and simulation of field oriented controlled (FOC) technique on a VSI for PMSM drive”** Vikas Patel, Vivek Patel, i-manager’s Journal on circuit and systems, Vol. 4 No. 3 ISSN- 2321-7502 Jun – August 2016 pp. 24-33.
7. **“A Solar-Biomass Hybrid Power Plant in India”** Vivek Patel, **Vikas Patel**, GJESR ISSN: 2349-283X, Vol. 3 issue 9 Oct-2016 pp.4-8.

Conference Proceedings:

1. Published a research paper entitled **“A Review: Maximum Power Extraction Method in Wind Turbine system Using Different Algorithm”** in the IEEE Conference EESCO-2015 Held at VIGNAN INSTITUTE OF TECHNOLOGY VISAKHAPATNAM, ISBN-978-1-4799-7676-8 pp. 1-6.
2. Published a research paper entitled **“Modelling and Simulation of Steam Power Plant”** in the IEEE Conference EESCO-2015 Held at VIGNAN INSTITUTE OF TECHNOLOGY VISAKHAPATNAM, ISBN-978-1-4799-7676-8 pp. 1-6.
3. Published a research paper entitled **“Irrigation Scheduling in Agriculture field Using Artificial Intelligence”** in the National Conference ETES-2014 Held at Madan Mohan Malaviya University of Technology Gorakhpur, ISBN-978-9384224-07-3 issue-1 pp. 306-307, 28-29 march 2014 pp. 306-311
4. **“Fuzzy Controller to Reduce Irrigation in Greenhouse using Matlab”**, Manish Kumar, Dr. Shri Ram, **Vikas Patel**. National Conference Held at Madan Mohan Malaviya University of Technology Gorakhpur, ISBN- 978-9-3838-4297-1, 21 – 22 May 2014.