

A.Y:2016-17

Journal Publications

1. J.Sivavara Prasad, Y.P.Obulesh, Ch.Sai Babu “ FPGA controlled solar based zero voltage and zero current switching DC-DC converter for battery storage applications” *Journal of Energy (Elsevier)* ,ISSN:0360-5442 July, 2016.
2. B.Eswar, E.Raghu Babu “A Novel Full bridge DC-DC converter with energy recovery turn-off snubber,” *Journal for Research in Applied Science & Engineering Technology*, ISSN:2321-9653 August, 2016.
3. A.V.Ravi Kumar, K.Nagalinga Chary, P.Srihari “Implementation of a closed loop system to improve DVR Reponse” *Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering*, ISSN: 2321-2004 August, 2016.
4. N.Swathi, J.V.Pavan Chand “Single Stage Boost Inverter with coupled inductor” *Journal for Research & Development in Technology* ISSN:2349-3585 September, 2016.
5. A.Saritha Reddy, T.Naga Durga “Reduced Switching Loss AC/DC/AC Converter with feed forward control”*Journal of Innovative Research Technology* ISSN:2349-600 September, 2016..
6. R.Bhaskar Rao, J.Sivavara Prasad, K.R.L.Prasad “A High voltage gain fly back converter with soft switching for solar applications “*Journal of Engineering & Technology* ISSN:2395-0056 July, 2016.
7. J.Sivavara Prasad, Y.P.Obulesh, Ch.Sai Babu “FPGA controlled five level soft switching full bridge DC-DC converter for high power applications” *Cogent Journal of Electrical & Electronics Journal (Taylor & Francis)* ISSN:23311916 October, 2016.
8. R.Bhaskar Rao, J.Sivavara Prasad, K.R.L.Prasad “A Single Phase Photovoltaic Microinverterwith Soft-Switching Fly back Converter” *Journal of Control Theory & Applications* ISSN : 0974-5572 September, 2016.
- 9.. K.S.L.Lavanya, P.Sobha Rani “A Review on Optimal Location and Parameter Settings of FACTS Devices in Power Systems Era:Models, Methods ”*Journal for Modern Trends in Science and Technology* ISSN:2455-3778 November, 2016.

10. Shaik Esoobu, B. Pangedaiah “A New Topology for Compensation of Voltage Sag/ Swell Problems Using Dynamic Voltage Restorer ”Journal for research in applied science &engineering technology ISSN:2321-9653 September, 2016.

11. M.Deepika, K.Sudheer Kumar “A new H-Bridge Cascaded Multi level inverter with reduced number of components ”Journal for Research & Development in Technology ISSN:2349-3585 September, 2016.
12. B.Gopala Krishna, Dr. M.Uma Vani “Performance comparison of a speed controlled PFC bridgeless Buck-Boost converter fed BLDC motor drive with PI & Fuzzy controllers” International Journal for research in Applied science & Engineering Technology (IJRASET)ISSN:2321-9653 December, 2016.
13. T.Raja Reddy ,Ch.Rajesh “High Gain Switched Boost Inverter with Single LC Filter”Journal of Innovative Research Methodology August, ISSN:2349-6002 ,August 2016.
14. A.V.G.A.Marthanda , Dr. G.V. Marutheswar “Designing of Five Level Diode Clamped Inverter Based PV System Fed Induction Motor Drive ”International Journal of Applied Sciences, Engineering and Management, Vol. 06, No. 01, pp. 140-144 ISSN 2320 – 3439. January 2017.
15. A.V.G.A.Marthanda , Dr. G.V. Marutheswar “Reduction of Torque Ripple using 3-Level and 5-Level Inverter for Three Phase Induction Motor” International Journal for Modern Trends in Science and Technology ISSN: 2455-3778Volume: 03, Special Issue No: 02 March 2017.
16. M Gayathri Neelima, K Naga Linga Chary “A reduced switch three-phase buck–boost ac–dc converter” international journal for research & development in technology, ISSN (O) :- 2349-3585 Volume-6,Issue-2 (Sep-16).
17. J.Sivavara Prasad, Y.P.Obulesh, Ch.Sai Babu “Three-Phase Three-Level Soft Switching DC-DC Converter for Industrial Applications” International Journal of Power Electronics and Drive Systems (IJPEDS), Vol. 8, No. 2, June 2017, pp. 785~794I, ISSN: 2088-8694, June, 2017.
18. J.Sivavara Prasad, Y.P.Obulesh, Ch.Sai Babu “FPGA Controlled Five- Level Soft Switching Full Bridge DC-DC Converter ” Journal of Electrical Systems, Volume 13, Issue 2, ISSN : 1112-5209, June, 2017.