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International Journals

- [1] L Navinkumar Rao and S Gairola, “Analysis of Shading influence on Modeling of Standalone PV Array System for Optimal Power Output,” IJEEE, vol. 7, Issue no.1, pp. 30-42, (Jan-Jun 2015). ISSN (Print): 0973-4562.
- [2] L Navinkumar Rao and S Gairola, “Shading Phenomenon Analysis for a Medium Size 3.8 kW Standalone PV System Connected in Series Parallel Configuration Using MATLAB Simulation.,” IJAER, vol. 12, Issue no.15, pp. 4967-4975, (2017). ISSN (Print): 2321-2055 (E) (**SCOPUS INDEXED**)
- [3] L Navinkumar Rao and S Gairola, Sandhya Lavety, “PV System Analysis Under Partial Shading Using a Sine Model,” INTERNATIONAL JOURNAL of RENEWABLE ENERGY RESEARCH (IJRER), (**SCOPUS INDEXED**)
- [4] L Navinkumar Rao, S Gairola & Noorul Islam “Design of DC-DC Converter with Negative feedback control for constant current operation”, International Journal of Power Electronics and Drives (IJPEDS) vol. 8, Issue no.4, pp. 1575-1584, (Dec 2017). ISSN (Print): 2088-8694 (**SCOPUS INDEXED**)
- [5] L. Navinkumar Rao, Noorul Islam & D Sandhya “Performance Analysis of a Zero-Current-Switching (ZCS) and a Zero-Voltage-Switching (ZVS) Based PWM Boost Converter”, ITSEC, vol. 1, Issue no.1, pp. 40-44, (Oct 2014). ISSN (Print): 2349-9516 (E)

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- [6] L. Navinkumar Rao & S Gairola “Dynamic Performance of Small Photovoltaic (PV) Module,” NIET Journal of Engineering and Technology, vol. 1, Issue 1, pp. 19-22, (winter 2012). ISSN (Print): 2229-5828
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- [11] L. NavinKumar Rao and S. Gairola, "A Low-Power Isolated Photovoltaic (PV) System Employing Sine Model," *12th IEEE India International Conference, INDICON 2015, on Electronics, Energy, Environment, Communication, Computer, Control, (E3-C3) - Energy & Power* Dec. 17th -20th 2015. Jami Millia Islamia, New Delhi, India, paper id 524.
- [12] L. NavinKumar Rao and S. Gairola, "A Comparative Study of Bidirectional DC-DC Converter & Its Interfacing With Two Battery Storage System," *IEEE First International Conference on Power Electronics, Intelligent Control and Energy Systems. ICPEICES*, Jul. 4th-6th 2016. Delhi Technical University, New Delhi, India, 4-6 July-2016

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- [13] L Navinkumar Rao & S Gairola "Comparison of Performance of a Zero-Current-Switching (ZCS) and a Zero-Voltage-Switching (ZVS)Based PWM Boost Converter", National conference, ETEEE-2011, KNIET Sultanpur
- [14] L Navinkumar Rao & D. Sandhya "Comparison of Hard Switched and Zero-Current-Switching (ZCS) Based Boost Converter" National conference, RIECE-2014, NIET Greater Noida.