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Journal Publications:

International 34

National 4

Conference publications:

International 44

National 13

Journal publication – International:

1. Venkatraman, K., Moorthi, S. and Selvan, M.P., "Modelling and Control of Transformer-less Universal Power Quality Conditioner (TUnPQC): An Effective Solution for Power Quality Enhancement in Distribution System", Journal of Control, Automation and Electrical Systems, Springer, 2016 In Press, SCImago Indexed ISSN: 2195
2. Venkatraman, K., Dastagiri Reddy, B., Selvan, M.P., Moorthi, S., Kumaresan, N. and Ammasaigounden, N., "Online Condition Monitoring and Power Management System for Standalone Micro-grid using FPGAs", IET Generation, Transmission and Distribution, 2016, In Press, SCI Indexed ISSN: 1751-8687
3. Venkatraman, K., Selvan, M.P. and Moorthi, S., "Predictive Current Control of Distribution Static Compensator for Load Compensation in Distribution System", IET Generation, Transmission and Distribution, Vol.10, No. 10, October 2016, pp. 2410-2423, SCI Indexed ISSN: 1751-8687
4. Venkatraman, K., Moorthi, S., Selvan, M.P., Raja, P. and Deepa Kurup, "Performance Evaluation of FPGA-Controlled DSTATCOM for Load Compensation", Arabian Journal of Science and Engineering, Vol. 41, No. 9, September 2016, pp.3355-3367, SCI Indexed ISSN: 2191-4281
5. Dastagiri Reddy, B., Selvan, M.P. and Moorthi, S., "Design, Operation and Control of S3 Inverter for Single-Phase Micro-Grid Applications", IEEE Transactions on Industrial Electronics, Vol. 62, No. 9, September 2015, pp.5569-5577, SCI Indexed ISSN: 0278-0046
6. Dastagiri Reddy, B., Anish, N.K., Selvan, M.P. and Moorthi, S., "Embedded Control of n-Level DC-DC-AC Inverter", IEEE Transactions on Power Electronics, Vol.30, No. 7, July 2015, pp. 3703-3711, SCI Indexed ISSN: 0885- 8993
7. Sandhyarani, M., Ashfaq, M., Arunnellaippan, T., Selvan, M.P., Subramanian, S. and Rameshbabu, N., "Effect of Electrical Parameters on Morphology and Invitro Corrosion

Resistance of Plasma Electrolytic Oxidized Films Formed on Zirconium”, Surface & Coatings Technology, Vol. 269, May 2015, pp. 286-294, SCI Indexed ISSN: 0257-8972

8. Sreejith, S., Sishaj P. Simon and Selvan, M.P., “Analysis of FACTS Devices on Security Constrained Unit Commitment Problem”, International Journal of Electrical Power and Energy Systems, Vol. 66, January 2015, pp. 280-293, SCI Indexed ISSN: 0142-0615

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1. Venkata Hareesh, S., Raja, P. and Selvan, M.P., “Need and Challenges of Smarter Power Systems”, Electrical India, Vol. 56, No. 1, January 2016, pp. 82- 84.
2. Asha Radhakrishnan and Selvan, M.P., “A Load Scheduling for Smart Energy Management in Buildings with Renewable Power Generations”, Electrical India, Vol. 55, No. 5, May 2015, pp. 76 – 90

Conference publications:

International

1. Jawahar, M.R., Ajay Kumar, V., Moorthi, S. and Selvan, M.P., “FPGA based SHEPWM Switching Scheme for Single Phase Cascaded H-Bridge Multi-Level Inverter”, IEEE International Conference on Power Electronics, Intelligent Control and Energy Systems(ICPEICES-2016), 4-6 July 2016, Delhi Technological University, Delhi INDIA, pp.3257-3261.
2. Venkata Hareesh, S., Raja, P. and Selvan, M.P., “Design and Implementation of a Robust Fault Detection Mechanism for EHV Lines”, IEEE International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES-2016), 4-6 July 2016, Delhi Technological University, Delhi INDIA, pp.914-919
3. Venkata Hareesh, S., Raja, P. and Selvan, M.P., “An effective implementation of Phasor Measurement Unit (PMU) by using non-recursive DFT Algorithm”, IEEE International Conference on Condition Assessment Techniques in Electrical Systems (CATCON-2015), 10-12 December 2015, CPRI Bangalore, INDIA, pp.195-199
4. Soumya, N. K. and Selvan, M.P., “State Estimation of Observable and Unobservable Power Systems”, IEEE International Conference on Energy, Power and Environment (ICEPE-2015), 12-13 June, 2015, NIT Meghalaya, Shillong, INDIA.
5. Vijitha, K., Selvan, M.P. and Raja, P., “Short Circuit Analysis and Adaptive Zonal Protection of Distribution System with Distributed Generators”, IEEE International Conference on Energy, Power and Environment (ICEPE-2015), 12-13 June, 2015, NIT Meghalaya, Shillong, INDIA.

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1. Asha Radhakrishnan and Selvan, M.P., “Load Scheduling for Smart Energy Management in Residential Buildings with Renewable Sources”, National Power Systems Conference (NPSC 2014), 18-20 December, 2014, IIT-Guwahati, INDIA.
2. Hrishkesan, V.M., Venkatraman, K., Selvan, M.P. and Moorthi, S., “Application of D-STATCOM in SCIG based Wind-farms during Normal and Abnormal Grid Conditions”, National Power Systems Conference (NPSC 2014), 18-20 December, 2014, IIT-Guwahati, INDIA.