

LIST OF PUBLICATIONS

International / National Journals

- **Dr. S P Mangaiyarkarasi**, Dr. T SreeRenga Raja. (2016), 'A Novel Approach for Optimal Location and Sizing of Multi-Type FACTS Devices For Multi- Objective Voltage Stability Optimization Using Hybrid PSO-GSA Algorithm', International Journal Of Advanced Engineering Technology, Vol.VII, Issue II, pp. 623-627, E-ISSN : 0976-3945.
- M.Karthikeyan, T.SreeRenga Raja, **S.P.Mangaiyarkarasi**. (2015), 'An Effective Biogeography Based Algorithm for Power System Optimization', International Journal of Applied Engineering Research, ISSN: 0973-4562, Vol.10, No.51, pp.342-347.
- **S P Mangaiyarkarasi**, T SreeRenga Raja. (2014), 'Novel Analytical Study on Voltage Instability Mitigation Using Multiple Severity Functions by Optimal Placement of SVC in N-2 Contingency Analysis Using Gravitational SearchAlgorithm', WSEAS Transactions on Power Systems, ISSN/E-ISSN : 1790-5060 / 2224-350X, Vol. 9, Art. #41, pp. 408-417.
- **S P Mangaiyarkarasi**, T SreeRenga Raja. (2014), 'Optimal Location and Sizing of Multiple Static VAr Compensators for Voltage Risk Assessment Using Hybrid PSO-GSA Algorithm', Arabian Journal for Science and Engineering, Vol. 39, Issue. 11, pp. 7967-7980, ISSN/E-ISSN : 1319-8025/2191-4281, DOI: 10.1007/s13369-014-1339-5.
- **S P Mangaiyarkarasi**, T SreeRenga Raja. (2014), 'PSO based Optimal Location and Sizing of SVC for Novel Multiobjective Voltage Stability Analysis during N – 2 Line Contingency', Archives of Electrical Engineering. Vol. 63, Issue 4, Pages 535–550, ISSN (Online) 2300-2506, DOI: 10.2478/aee-2014-0037.