

LIST OF PUBLICATIONS

Journals

1. **Kalaivani, R.** and Kamaraj, V. “Application of Hybrid PSOGA for Optimal Location of SVC to Improve Voltage Stability of the Power System”, was accepted for the publication in the International Journal of Electrical and Electronics Engineering.
2. **Kalaivani, R.** and Kamaraj, V. “Application of Stochastic Algorithms for Optimal Location of SVC to Avoid Voltage Instability”, International Journal of Electrical Engineering, Vol.5, No.5, pp. 611-628, 2012.
3. **Kalaivani, R.** and Kamaraj, V. “Enhancement of voltage stability by Optimal Location of Static Var Compensator Using Genetic Algorithm and Particle Swarm Optimization”, American Journal of Engineering and Applied Science, Vol.5 No.1, pp. 70-77, 2012.
4. **Kalaivani, R.**, Paranjothi, S.R. and Nagalakshmi Sanivarapu “Optimal Location of STATCOM to Improve Voltage Stability Using PSO”, International Journal of Advanced Engineering Technology, Vol.2, No.4, pp. 62-74, 2011.
5. **Kalaivani, R.** and Kamaraj, V. “Modeling of Shunt FACTS Devices for Voltage Stability Enhancement”, European Journal of Scientific Research, Vol.61 No.1, pp. 144-154, 2011.

Conferences

1. **Kalaivani, R.** and Kamaraj, V. “Application of Hybrid PSOGA for Optimal Location of SVC to Improve Voltage Stability of the Power System”, International Conference on Electrical and Electronics Engineering, Mysore, Karnataka, 2012.
2. **Kalaivani, R.** and Renugadevi, A. “Optimal location of Shunt Connected FACTS Devices Using Artificial Intelligence Technique”, National Conference on Emerging Trends in Intellectual Power Systems, Tamil Nadu, 2012.

3. **Kalaivani, R.** and Nagalakshmi Sanivarapu, “Implementation of GA & PSO to Locate VAR Compensator and STATCOM to Improve Voltage Stability”, National Conference on Advances in Electrical and Electronics Engineering, Tamil Nadu, 2011.
4. **Kalaivani, R.**, Paranjothi, S.R. and Raj Narayanan, R. “Voltage Sag Compensation with Z-source Inverter based Dynamic Voltage Restorer”, National Conference on Emerging Trends in Power Engineering, Tamil Nadu, 2010.