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## **LIST OF PUBLICATIONS - INTERNATIONAL**

### **International Journals**

1. R.Gomathi and **S.Ganapathy**, "Application of Core Vector Machine for Prediction Of Day - Ahead Electricity Prices." International Journal on Future Revolution in Computer Science and Communication Engineering, Volume 4, Number 1, 2018, pp. 83-88. 2018.
2. R.Gomathi and **S.Ganapathy**, "Informative Vector Machine Based - Ahead Electricity Price Forecasting." International Journal of Advancement in Engineering Technology, Management and Applied Science, Volume 5, Number 1, 2018, pp. 17-26. 2018.
3. R.Gomathi and **S.Ganapathy**, "A New Approach for Classification of Prices in the Electricity Market Using Core Vector Machine." International Journal of Applied Engineering Research, Volume 12, Number 23, 2018, pp. 14909-14916. 2018.
4. R.Gomathi and **S.Ganapathy**, "Application of Relevance Vector Machine for Classification of Electricity Prices." International Journal of Research in Engineering and Advanced Technology, Volume 6, Number 1, 2018, pp. 1-7. 2018.
5. K.Vetrivel, **S.Ganapathy** and K.Uma Rao, "Congestion Management and ATC Enhancement in Deregulated Power System Using Optimal Allocation of FACTS Devices." Middle-East Journal of Scientific Research, Volume 25, Number 1, 2017, pp. 22-33. 2017.
6. Ramesh Kumar Selvaraju and **Ganapathy Somaskandan**, "ACS algorithm tuned ANFIS - based controller for LFC in deregulated environment.", Journal of Applied Research and Technology, Volume 15, Number 1, Mar 2017, pp. 152-166. 2017.
7. S.Ramesh Kumar and **S.Ganapathy**, "MOACSA Based Controller Design for Automatic Generation Control Of Deregulated Power Systems.", International journal of innovative trends in engineering, Volume 20, Number 2, 2016, pp. 2395-2946. 2016.
8. S.Ramesh Kumar and **S.Ganapathy**, "Artificial Cooperative Search Algorithm Based Load Frequency Controller for Multi-Area Deregulated Power System with Coordinated Control of TCPS, RFB and AC-DC Parallel Tie-Lines.", ARPN Journal of Engineering and Applied Sciences, Volume 10, Number 14, 2016, pp. 6080-6091. 2016.

9. S.Ramesh Kumar and **S.Ganapathy**, "Impact of Energy Storage Units on Load Frequency Control of Deregulated Power Systems." *Energy*, Volume 97, Number 1, 2016, pp. 214-228. 2016.
10. K. Jothinathan and **S.Ganapathy**, "Transient Security Classification of Power System Using Extreme learning machine." *Advances in Natural and Applied Sciences*, Volume 10, Number 10, 2016, pp. 102-110. 2016.
11. K. Jothinathan and **S.Ganapathy**, "Probabilistic Neural Network Based Transient Security Assessment of Power Systems." *Middle-East Journal of Scientific Research*, Volume 24, Number 10, 2016, pp. 3051-3057. 2016.
12. R.Thamizhselvan and **S.Ganapathy**, "A New Approach for Static Security Assessment of Power Systems Using Core Vector Machine." *International Journal of Advances in Engineering Technology*, Volume 3, Number 1, 2016, pp. 362-366. 2016.
13. R.Thamizhselvan and **S.Ganapathy**, "Power System Static Security Evaluation Using Ball Vector Machine." *International Journal of Simulation Systems, Science & Technology*, Volume 17, Number 33, 2016, pp. 12-13. 2016.
14. R.Thamizhselvan and **S.Ganapathy**, "Application of Relevance Vector Machine for Static Security Assessment of Power Systems." *Advances in Natural and Applied Sciences*, Volume 10, Number 11, 2016, pp. 214-223. 2016.
15. R.Thamizhselvan and **S.Ganapathy**, "Informative Vector Machine Based Steady State Security Assessment of Power Systems." *Middle-East Journal of Scientific Research*, Volume 1, Number 1, 2016, pp. 2927-2935. 2016.
16. K.Vetrivel, **S.Ganapathy** and K.Uma Rao, "PSO Based Congestion Management In Deregulated Power System Using Optimal Allocation of Thyristor Controlled Series Capacitor For Available Transfer Capability Enhancement." *International Journal of Innovation and Scientific Research*, Volume 10, Number 5, 2016, pp. 3979-3982. 2016.
17. K.Vetrivel, **S.Ganapathy** and K.Uma Rao, "Optimal Allocation of TCSC and SVC Devices for Congestion Management In Deregulated Power Systems." *Advances in Natural and Applied Sciences*, Volume 10, Number 13, 2016, pp. 81-92. 2016.
18. S.Ramesh Kumar and **S.Ganapathy**, "LFC For Deregulated Power Systems with GDB Non-Linearity and SMES Units Using ACS Algorithm.", *Global Journal of Pure and Applied Mathematics*, Volume 11, Number 2, 2015, pp. 645-654. 2015.
19. K. Jothinathan and **S.Ganapathy**, "Transient Security Assessment in Power Systems using Deep Neural Network.", *International Journal of Applied Engineering Research*, Volume 10, Number 15, 2015, pp. 35787-35790. 2015.
20. R.Thamizhselvan and **S.Ganapathy**, "Application of Support Vector Machine to Static Security Assessment in Power systems.", *International Journal of Applied Engineering Research*, Volume 10, Number 17, 2015, pp. 38362-38367. 2015.

## LIST OF INTERNATIONAL CONFERENCES

1. Venkatraman, E., Velusami, S. , Ansari, M.M.T. , **Ganapathy, S**, Design of type- II Fuzzy logic load frequency controller for two area thermal reheat power systems, *International Conference on Computing, Electronics and Electrical Technologies*, Mar 21-22, 2012, Noorul Islam Centre For Higher Education Kumaracoil, pp. 180-185. USA, IEEE.
2. **S.Ganapathy** and S.Velusami, GA based design of load-frequency controller for interconnected power systems with SMES units and GDB nonlinearity, *International Conference on Energy Engineering*, Jan 7-9, 2009, Pondicherry Engineering College, Puducherry, pp. 755-759. Chennai, Allied publishers.