

RAMCO INSTITUTE OF TECHNOLOGY

Research Council

Department of Electrical and Electronics Engineering

Journal Publications

Academic Year 2015 – 2016

1. Muthukumar Arunachalam and **Kannan Subramanian**, "Finger Knuckle Print Authentication Using AES and K-Means Algorithm", International Arab Journal of Information Technology, Vol. 12, No. 6A, August, 2015. (Scopus)
2. S.Saravanan, G.Saravanakumar, **S.Kannan** and C.Thangaraj, "Electric energy consumption of industrial sector in India", International Journal of Applied Engineering Research10, (6), 5044-50492015. (Scopus)
3. Saravanan, S.Amosedinakaran, **S.Kannan** and C.Thangaraj, "Estimating electric energy consumption: Case study of India", International Journal of Applied Engineering Research10, (6), 5298-53042015. (Scopus)
4. J. Kohila, **S.Kannan** and V.Suresh Kumar, "ICOS ϕ algorithm based control for distribution static compensator", International Journal of Applied Engineering Research10, (6), 5553-55582015. (Scopus)
5. B.R.Prabakar, K.Karunanithi, **S.Kannan**, C. Thangaraj"Energy model of electric sector for Tamil Nadu", International Journal of Applied Engineering Research10, (6), 5681-56872015. (Scopus)
6. N.Pothirasan, K.Vijayakumar, S.Ponnayirasundaravel and **S.Kannan**, "Reactive Power Compensation Using Cascaded Multi Level Inverter", International Journal of Applied Engineering Research10, (9), 7452-74562015. (Scopus)
7. R. Krishna Priya, C.Thangaraj, C.Kesavdas and **S.Kannan**, "Brain Tumor Segmentation in MRI Images Using Integrated Modified PSO-Fuzzy Approach", International Arab Journal of Information and Technology12, 6(A), 797-8042015. (Scopus)
8. K.Karthikeyan, **S.Kannan**, S.Baskar and C.Thangaraj, "Application of MOEA/D Algorithm to Multi-Objective Generation Expansion Planning", International Journal of Applied Engineering Research10, (44), 31875-318822015. (Scopus)
9. P. Iniyatharasi, M. PallikondaRajasekaran, T. ArunPrasath and **S. Kannan**, "PET Image Reconstruction Using ISRA Technique", Australian Journal of Basic and Applied Sciences9, (16), 110-1172015. (Scopus)
10. K.Karunanithi, **S.Kannan** and C.Thangaraj, "Reliability analysis of Tamil Nadu power grid for the year 2013", International Journal of Applied Engineering Research10, (55), 3032-30382015. (Scopus)

11. D. Danalakshmi and **S.Kannan**, "Market based pricing for reactive power service in restructured practical power system", International Journal of Applied Engineering Research 10, (55), 3137-3142 2015. (Scopus)
12. P. Shanmugapriya, T. Arunprasath and **S.Kannan**, "PET Image Reconstruction Using Extreme Learning Machine", International Journal of Applied Engineering Research 10, (59), 387-389 2015. (Scopus)
13. **K. Karthikeyan**, **S. Kannan**, S. Baskar and C. Thangaraj, "Application of NSGA-II, Modified NSGA-II and IGDE-3 Algorithms to Multi-Objective Transmission Constrained Generation Expansion Planning", International Journal of Applied Engineering Research 10, (44), 31004 –31013 2015. (Scopus)
14. S. Suresh, **S.Kannan** and P. Murugan, "Power Quality Improvement using Asymmetrical Multilevel Inverter for Grid Connected Photo Voltaic System", Revista Tecnica De La Facultad De Ingenieria Universidad Del Zulia 38, (3), 47-63 2015. (Scopus)
15. K. Karunanithi, A. Bhuvanesh and **S.Kannan**, "Generation Expansion Planning - A Tutorial Paper", VFSTR Journal of STEM 1, (2), 2455-2062 2015. (Others)
16. M. Rajkumar, K. Mahadevan and **S. Kannan**, "Evolutionary programming solution for Economic Dispatch of units with ramp rate limits", VFSTR Journal of STEM 1, (2), 12-17. 2015. (Others)
17. K. Rajesh, **K. Karthikeyan**, **S.Kannan** and M. Karuppasamyandian "Generation Capacity Expansion Planning with Solar Power Plant Incorporating Emission", VFSTR Journal of STEM 1, (2), 18-37 2015. (Others)
18. K. Rajesh, A. Bhuvanesh, **S.Kannan** and C. Thangaraj, "Least Cost Generation Expansion Planning with Solar Power Plant using Differential Evolution Algorithm", Renewable and Sustainable Energy Reviews 85, 677-686 2016. (Scopus)
19. M. Arumuga Babu, R. Mahalakshmi, **S.Kannan**, M. Karuppasamyandian and A. Bhuvanesh, "Application of Self Adaptive Differential Evolution Algorithm for Optimal Placement and Sizing of Renewable DG Sources in Distribution Network Including Different Load Models", International Journal of Advances in Engineering & Technology 7, (1), 668-675 2016. (Others)
20. J. Booma, K. Karunanithi, K. Mahadevan and **S.Kannan**, "Reliability analysis for restricted and unrestricted demand of Tamilnadu power grid for the year 2014 using WASP-IV", International Journal of Future Innovative Science and Engineering Research, (2), 2016. (Others)