

RAMCO INSTITUTE OF TECHNOLOGY

Research Council

Department of Electrical and Electronics Engineering

Journal Publications

Academic Year 2014-15

1. T. Arunprasath, R.M. Pallikonda Rajasekaran, and **S. Kannan**, "PET image reconstruction using ANN", International Journal of Imaging Systems and Technology 24,(3), 249–255 2014. (Scopus)
2. S.Suresh, **S.Kannan** and S.Ponnayira Sundaravel, "A Modified Single phase H-Bridge Inverter for High Power Applications with Power Quality Improvement", Applied Mechanics and Materials 626, (2014), 118-126 2014. (Scopus)
3. S.Saravanan, **S.Kannan** and C.Thangaraj, "Electric energy consumption of domestic sector in INDIA", Revista Tecnica De La Facultad De Ingenieria Universidad Del Zulia 37, (3), 41-50 2014. (Scopus)
4. J.Booma, K.Mahadevan and **S.Kannan**, "Selection of optimal capacity of wind turbine generator for Generation Expansion Planning by considering cost and reliability", International Journal of Applied Engineering Research 9,(4), 8403-8406 2014. (Scopus)
5. S.Saravanan , **S.Kannan** and C.Thangaraj, "Predicting India's electricity consumption: A comparison of least square support vector machine and artificial neural networks", International Journal of Applied Engineering Research 9, (26), 9094-9097 2014. (Scopus)
6. T.Arunprasath, M.Pallikonda Rajasekaran, **S.Kannan** and E.Malarvizhi, "A Quantitative Assessment of PET Image Reconstruction using Filtered Back Projection (FBP), Conjugate Gradient (CG) and Artificial Neural Network (ANN) Algorithm", International Journal of Applied Engineering Research 9, (26), 9107-9110 2014. (Scopus)
7. T.Arunprasath, M.Pallikonda Rajasekaran and **S.Kannan**, "ANFIS - EM approach For PET brain image reconstruction", International Journal of Imaging Systems and Technology 25, (1), 1-6. 2015. (Scopus)
8. T.Arunprasath, M.Pallikonda Rajasekaran and **S.Kannan**, "Neural network segmented CD algorithm-based PET liver image reconstruction", International Journal of Biomedical Engineering and Technology 17, (3), 276-289 2015. (Scopus)

9. D.Danalakshmi and **S.Kannan**, "Market based reactive power cost allocation in restructured power system", Revista Tecnica De La Facultad De Ingenieria Universidad Del Zulia38, (1), 97-1042015. (Scopus)
- 10.S. Saravanan, **S. Kannan** and C. Thangaraj, "Prediction of India's electricity demand using ANFIS", ICTACT Journal on Soft Computing 5(3),985-9902015. (others)
- 11.J. Booma, K. Mahadevan and **S. Kannan**, "Minimum cost estimation of generation expansion planning incorporating wind power plant", ARPN Journal of Engineering and Applied Sciences10, (7), 2956-29612015 (Scopus)