

RAMCO INSTITUTE OF TECHNOLOGY

Research Council

Department of Electrical and Electronics Engineering

Journal Publications

Academic Year 2017 – 2018

1. J. Booma, K.Mahadevan, K. Karunanithi and **S. Kannan**, "Renewable Energy Penetration and Its Impact on Reliability - A Case Study of Tamil Nadu", Journal of Computational and Theoretical Nanoscience14, (8), 4036-40442017. (Scopus)
2. D. Danalakshmi, **S. Kannan** and R. Gnanadass "Generator reactive power pricing for practical utility system using power flow tracing method", International Journal of Engineering and Technology7, (18), 20-252018. (Others)
3. P. Prem Kumar, S. Kathir, **S. Kannan** and S. Viignesh, "Autonomous operated robot for water tank cleaning", International Research Journal of Engineering and Technology5, (4), 355- 3572018. (Others)
4. A.Bhuvanesh, S.T.Jaya Christa and **S.Kannan**, "Energy Conservation Along With Generation Expansion Planning – A Solution for Tamil Nadu Electrical Power Shortage", Ecology, Environment and Conservation2018. (Scopus)
5. A.Bhuvanesh, S.T.Jaya Christa, **S.Kannan** and M.Karuppasamyandiyan, "Application of optimization algorithms to generation expansion planning problem", Journal of Intelligent & Fuzzy Systems2018. (Others)
6. A. Bhuvanesh, S.T. Jaya Christa, **S. Kannan** and M.Karuppasamy Pandiyan, "Aiming towards pollution free future by high penetration of renewable energy sources in electricity generation expansion planning", Futures 2018. (Scopus)
7. A.Bhuvanesh, S.T.Jaya Christa, **S.Kannan**, M.Karuppasamyandiyan and K.Gangatharan, "Multi-stage multi-objective electricity generation expansion planning for Tamil Nadu considering least cost and minimal GHG emission", International Transactions on Electrical Energy Systems2018. (Scopus)
8. P.Moses Stephen, M.Ponraj, N.Sathesh, K.Balamurugan, and **K.Karthikeyan**, "Modified cascaded H-Bridge Multi level inverter for Household appliances", International Research Journal of Engineering and Technology,5,(3),3089-3093(2018). (Others)
9. P.Prem Kumar, W.Deotus, S.Kathir and **Dr.K.Karthikeyan**,"Autonomous Water Tank Cleaning Robot for Indian Household", International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, March, 2018. (UGC Care)

10.S.Jeyanthi, R.Dinesh Kumar, R.Vignesh and K.Ashok Kumar, “Performance Analysis of a Reduced Switch Z-Source Inverter”, SSRG International Journal of Electrical and Electronics Engineering, April,2018. (Scopus)