

# RAMCO INSTITUTE OF TECHNOLOGY

## Research Council

### Department of Electrical and Electronics Engineering

#### Journal Publications

#### Academic Year 2018 – 2019

1. J. Kohila, A. Muthukumar and **S. Kannan**, “Performance analysis of various soft computing controller-based dynamic voltage restorer”, International Journal of Systems, Control and Communication, Vol-10., No.03, 2019. (Scopus)
2. A. Bhuvanesh, S.T.Jeya Christa, **S. Kannan**, M.Karuppasamy Pandiyan and K.Gangatharan, “Application of Differential Evolution Algorithm and Its Variants for Solving Energy Storage Technologies Integrated Generation Expansion Planning”, Iranian Journal of Science and Technology, Transactions of Electrical Engineering, pp 1–14, March 2019. (Scopus)
3. A. Bhuvanesh, S.T. Jaya Christa, **S. Kannan**, M.Karuppasamy Pandiyan, “Aiming towards pollution free future by high penetration of renewable energy sources in electricity generation expansion planning”, Futures (2018), <https://doi.org/10.1016/j.futures.2018.07.002>, pp.25-96, vol.104, Dec. 2018 (Scopus)
4. A.Bhuvanesh, S.T.Jaya Christa, **S.Kannan**, M.Karuppasamy pandiyan, 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 Systems, Publication, 10 September 2018, <https://doi.org/10.1002/etep.2708> (Scopus)
5. J. Booma, K. Mahadevan, K.Karunanithi and **S. Kannan**, “Integrated Strategies for Load Demand Management in the State of Tamil Nadu”, Journal of Electrical Engineering, vol. 18, ed. 4, pp. , 2018. Article 18.4.14 (Scopus)
6. K.Vijayakumar, K.Rajesh, G.Vishnuvardhanan and **S.Kannan**, “Evolutionary Algorithm Based Control Strategy for Enhanced Operation of Multifunction Grid Connected Converters”, Journal of Intelligent & Fuzzy Systems of IOS press, pp. 1-18, 2018 (Others)
7. P. Amarnath, V. Roshan, M. Thangavel Pandi and **K. Karthikeyan**, “Investment Grade Energy Auditing in Cement Industry”, International Journal for trends in Engineering and Technology (UGC Care)

8. R.Pranav Kaarthick, P. Dhamodaran, S. Ramanan, B. Bharathi and **S. Jeyanthi**, “IB-SAEMACS: IoT Based Smart Autonomous Environment Monitoring and Control System”, International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Vol. 8, Issue 2, February 2019 (UGC Care)
9. Dr.N.Fareena, **S.SharmilaKumari**, “Multipath Routing Protocol for Mobile Ad-Hoc Network using Fuzzy Logic”, Journal of Applied Science and Computations, ISSN NO: 1076-5131, Volume VI, Issue I, January/2019, Page No:834 (Others)