

## **List of Publications:**

### **International Journals**

1. **M. Karthikeyan**, R. Elavarasu, P. Ramesh, C. Bharatiraja, P. Sanjeevikumar, Lucian Mihet-Popa, and Massimo Mitolo 2020, 'A Hybridization of Cuk and Boost Converter Using Single Switch with Higher Voltage Gain Compatibility', *Energies*. Vol.13.
2. **M. Karthikeyan**, K. Sharmilee, P. M. Balasubramaniam, N. B. Prakash, M. Rajesh Babu, V. Subramaniaswamy, S. Sudhakar 2020, 'Design and implementation of ANN based SAPF approach for current harmonics mitigation in industrial power systems', *Microprocessors and Microsystems* Elsevier Publications, Vol.77.
3. **Karthikeyan, M & Sree Renga Raja, T** 2018, 'Solution to Optimization Problem Through Evolutionary Algorithm Using Weighting Function Method', *Applied Mathematics and Information Science*, vol. 12, no. 1, pp. 249-253
4. **Karthikeyan, M & Sree Renga Raja, T** 2016, 'An Improved Firefly Algorithm to solve Economic Load Dispatch Problem Including Practical Constraints', *Journal of Advances in Chemistry*, vol.12, pp.5672-5676
5. **Karthikeyan, M & Sree Renga Raja, T** 2015, 'A Meta heuristic Algorithm for Non Convex Dynamic Economic Dispatch', *Journal of Engineering and Technology Research*, 2015, vol. 3, no. 4, pp. 1-7,
6. **Karthikeyan, M, Sree Renga Raja, T & Mangaiyarkarasi, SP** 2015, 'An Effective Biogeography Based Algorithm for Power System Optimization', *International Journal of Applied Engineering Research*, vol.10, pp. 342-347.