

### **List of Publications**

1. Dr.P.Chandrasekar et al, “ Design and performance analysis of hybrid micro-grid power supply system using HOMER software for rural village in adama area, Ethiopia”, (2019) International Journal of Scientific and Technology Research Vol. 8, No. 6, pp.267-275.
2. Dr.P.Chandrasekar et al, “Design and performance analysis of hybrid micro-grid power supply system using homer pro software for rural village near to Kombolcha town, Ethiopia”, (2019) International Journal of Innovative Technology and Exploring Engineering Vol. 8, No. 8, pp.654-660.
3. Dr.P.Chandrasekar et al, “Energy conservation technique for air conditioner and fan in residential applications”, (2019) International Journal of Recent Technology and Engineering Vol. 8, No. 3, pp. 5640-5646.
4. Dr.P.Chandrasekar et al, “Fuzzy logic control of two switch & three switch serial input interleaved forward converters”, (2019) Indonesian Journal of Electrical Engineering and Computer Science Vol. 16, No. 1, pp.147-155.
5. Dr.P.Chandrasekar et al, “Design and analysis of multi-functional PCB” (2019), International Journal of Recent Technology and Engineering Vol. 8, No. 3, pp. 5647-5650.
6. Dr.P.Chandrasekar et al, “Analysis of wind power quality disturbances due to mechanical defects in gearbox using acoustic sensor and current transformer” (2019) International Journal of Recent Technology and Engineering Vol. 8, No. 1, pp.1707-1712.
7. Dr.P.Chandrasekar et al, “Optimization of in-house power consumption by reducing primary air pressure in super critical coal fired thermal power plant”, (2019) International Journal of Mechanical Engineering and Technology, Vol.10 , Issue.2, pp 1444-1452.
8. Dr.P.Chandrasekar et al, “Design of flywheel rotor and motor for high speed automobile applications”, (2018) International Journal of Mechanical Engineering and Technology, Vol.9, pp 635-646.

9. Dr.P.Chandrasekar et al,“The power quality analysis in gearbox using acoustic sensor by empirical wavelet transform”, (2018) Journal of Advanced Research in Dynamical and Control Systems, Vol.10, Issue.8,pp 1348-1357.
10. Dr.P.Chandrasekar et al,“Selective Harmonic Elimination of Cascaded Multilevel Inverter using BAT algorithm”, (2015) Elsevier Procedia Technology, pp 651-657.
11. Dr.P.Chandrasekar et al,“A New Single stage Three Level Integrated AC-DC converter”, (2015) International Journal of Applied Engineering Research, Vol.10, Issue.55.