

**SSN COLLEGE OF ENGINEERING**

**DEPARTMENT OF EEE**

**LIST OF STUDENTS JOURNAL PUBLICATIONS – 2019**

**UG STUDENTS JOURNAL PUBLICATIONS-2019**

1. Dr.R.Seyezhai, ASSP/EEE &Aishwarya, Kavitha&kaviya (passed out UG Students) published a paper titled, “Design, Analysis and Implementation of a Novel Soft-Switched Bridgeless Interleaved Boost PFC Converter”, International Journal of Recent Technology and Engineering, July 2019. (SCOPUS INDEXED).
2. Dr.R.Seyezhai, ASSP/EEE, SaradhaDevi.R, Mrudhulaa .P.V. &Priyadarshini( passed out UG Students) published a paper titled, “ Mitigation of Harmonics in a Grid Connected Photovoltaic Inverter”, International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-10, August 2019. (**SCOPUS Indexed**).
3. KarthniLakshmanan (IV year EEE student), NishanthThilagar (IV year EEE student), S.Tamilselvi, ASSP/EEE have published a Paper titled, "Two Step Algorithm Implementation for Intelligent Street Light System", in International Journal of Innovative Technology and Exploring Engineering, Volume-9 Issue-1, November 2019, DOI: 10.35940/ijitee.A6118.119119, ISSN: 2278-3075, Indexed in SCOPUS, B Impact Factor-5.54(2018).
4. Leo Raju, V. Balaji, S. Keerthivasan, “Multi agent systems and Arduino based smart micro-grid test bed”, AIP Conference Proceedings, 1-2161, 2019, 020032-1 to 0230032-5.
5. Leo Raju, S. Sangeetha, V. Balaji, “IOT Based Demand Side Management of a Micro-grid”, Springer-Lecture Notes on Data Engineering and Communications Technologies series .
6. U.Shajith Ali, EzhilVenthan, “Modelling and Design of Photovoltaic Fed Re-lift Luo Converter for Air Conditioner”, Applications of Modelling and Simulation 3-3, 2019,173-178.

### **PG STUDENTS JOURNAL PUBLICATIONS-2019**

1. SuvethaPoyyamaniSunddararaj, Seyezhai R, "High Gain DC-DC Converter with Enhanced Adaptive MPPT for PV Applications", Mehran University Research Journal of Engineering & Technology, 38- 3, 541-556, 2019.
2. S.Anitha, V.Rajini,"Compensation of voltage and current harmonics using Dual Multilevel Inverters", International Journal of Science and Innovative Engineering &Technology, vol. 1, May 2019.
3. R.Seyezhai, Lakshmi Prabha, N.B.Muthuselvan, S.Harika "Topology Evaluation of High Gain DC-DC Converters For Photovoltaic Application', International Journal of Industrial Electronics and Electrical Engineering( IJIEEE) 7,2019.