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### **LIST OF PUBLICATIONS**

#### **JOURNALS:**

- Archana C , **K.Usha**,” Optimization of Electric Field Distribution along a 400kV Composite insulator”, Advances in Smart Grid Technology-Volume II, Lecture Notes in Electrical Engineering, Page No.291-302.
- K.Jamuna, R.Vignesh, **K.Usha**,” Buck Boost Based Battery Charge Equalization Controller for an Electrical Vehicle”, International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-2, July 2019,Page No.6213-6216.
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- **K.Usha**, R.Priyadharshini, S.Manasa, Vignesh.R,” Design and Simulation of Reduced DC-link Capacitance using Voltage Compensation Techniques for a Solar PV Module” 2<sup>nd</sup> National Conference on Innovative Solutions in Electrical Engineering Science (NCISEES '19) , Sri Sai Ram Institute of Technology, Chennai , 22 March 2019.