

**Dr. Vijayakumari A.**

**Publications Details**

1. **Dr. Vijayakumari A.** BR Warriar, SK Kottayil Dynamic adaptability of model predictive control for power converters in inverter dominated microgrids Journal of King Saud University-Engineering Sciences 2020
2. **Dr. Vijayakumari A.** Design of Microgrids, Smart Microgrids, 13-117,2020
3. **Dr. Vijayakumari A.** A non-iterative MPPT of PV array with online measured short circuit and open circuit quantities, Journal of King Saud University-Engineering Sciences, 2020
4. **Dr. Vijayakumari A.** BR Warriar, SK Kottayil Enhanced dynamic performance in grid tied bidirectional converter with direct power model predictive control , International Journal of Power Electronics 12 (3), 267-281,2020
5. **Dr. Vijayakumari A.** Hybrid Energy Storage System for Electric Vehicle Using Battery and Ultracapacitor,Advances in Electrical and Computer Technologies, 1203-1214, 2020
6. **Dr. Vijayakumari A.**BR Warriar, SK Kottayil., Performance Evaluation of Model Predictive Current Controlled Grid Tied Converter for Sampling Frequency Variations ,International Journal on Electrical Engineering and Informatics 11 (3), 463-473,2019
7. **Dr. Vijayakumari ,A.K** Gurunath, .,Regenerative Braking Control of Induction Motor in Electric Vehicles for Optimal Energy Recovery., International Conference on Intelligent Computing, Information and Control .,2019
8. **Dr. Vijayakumari, A.S** K Kottayil.,Development of a Comprehensive MPPT for grid-connected wind turbine driven PMSG WiEn 22 (6), 732-744,2019
9. **Dr. Vijayakumari, A.S** Swathika, C Vinothraj, An Alternative Approach for Harmonic Measurements in Distribution Systems with Empirical Wavelet Transform .,Microelectronics, Electromagnetics and Telecommunications, 257-269,2019
10. **Dr. A. Vijayakumari, S** Sharath Sundar Ram Thermal modeling of wide band gap semiconductor devices for high frequency power converters MS&E 310 (1), 012133,2018
11. **Dr. A. Vijayakumari J** Jachak Wireless Power Transfer System with Quasi Z-Source inverterInternational Journal of Pure and Applied Mathematics 119 (7), 353-359, 2018