

Dr. Vijayakumari A., Devarajan, A. T., and Mohanrajan S. R., "Power angle control of a single phase grid connected photovoltaic inverter for controlled power transfer", *Advances in Intelligent Systems and Computing*, vol. 397, pp. 451-461, 2016.

Dr. Vijayakumari A., Devarajan, A. T., and Devarajan, N., "Extraction of photovoltaic (PV) module's parameters using only the cell characteristics for accurate PV modeling", *Advances in Intelligent Systems and Computing*, vol. 397, pp. 265-276, 2016.

V. Ankita and Dr. Vijayakumari A., "A reduced converter count solid state transformer for grid connected Photovoltaic applications", in *Proceedings of IEEE International Conference on Emerging Technological Trends in Computing, Communications and Electrical Engineering, ICETT 2016, 2017*

K. K. Khan and Dr. Vijayakumari A., "A dual mode control for bridgeless SEPIC power factor correction rectifier", in *Proceedings of IEEE International Conference on Emerging Technological Trends in Computing, Communications and Electrical Engineering, ICETT 2016, 2017*.

P. V. Sandeep and Dr. Vijayakumari A., "Grid connected wind driven permanent magnet synchronous generator with high frequency solid state transformer", in *Proceedings of IEEE International Conference on Emerging Technological Trends in Computing, Communications and Electrical Engineering, ICETT 2016, 2017*.