LIST OF PUBLICATIONS

1. Vijayakumari, A., A. T. Devarajan & N. Devarajan, 2012, 'Design and development of a model-based hardware simulator for photovoltaic array', Elsevier International Journal of Electrical Power & Energy Systems, Vol. 43, no. 1 Dec. pp. 40-46. **Published**. Impact Factor : 3.432, **ANNEXURE – I.**

2. Vijayakumari. A, A.T. Devarajan & N. Devarajan, 2014, 'Effect of Grid Impedance Variation on the Control of Grid Connected Converters with Synchronous Reference Frame Controllers in Micro-Grids', Springer Lecture Notes in Electrical Engineering, Vol. 326, 2015, pp. 1545-1553. **Published**. **ISSN.** 18761100, **ANNEXURE-II**.

3. Vijayakumari. A, A.T. Devarajan & N. Devarajan, 2013, 'Decoupled Control of Grid Connected Inverter with Dynamic Online Grid Impedance Measurements for Micro Grid Applications', Elsevier International Journal of Electrical Power & Energy Systems, **Communicated**. Impact factor: 3.432, **ANNEXURE – I**.

4. Vijayakumari. A, A.T. Devarajan & N. Devarajan, 2013, 'Maximum power point tracking of PV array using short circuit and open circuit values for a single- stage three-phase grid connected inverter', Elsevier International Journal of Renewable Energy. Impact Factor 3.45. **Communicated, ANNEXURE – I**.

5. Vijayakumari. A, Devarajan. A.T, & Devarajan. N, 2013, 'Model parameter extraction for Commercial Photovoltaic (PV) Modules Using Only their Cell Characteristics', Journal Of Engineering Science & Technology (JESTEC), School Of Engineering, Taylor's University, Malaysia. **Accepted for publication, ISSN:** 18234690, **ANNEXURE – II**.

6. A Vijayakumari, N. Devarajan & Bhadra. R.Warrier, 2014,'Topologies and Control of Grid Connected Power Converters-An overview', IEEE International Conference on Circuit, Power and Computing Technologies", ICCPCT-2014. IEEE xplore -Impact factor:6.810 **Accepted for publication**.

7. Vijayakumari, A., A. T. Devarajan, N. Devarajan, & K. Vijith, 2014, 'Dynamic grid impedance calculation in DQ frame for micro-grids.' IEEE International Conference on Power and Energy Systems Towards Sustainable Energy, pp. 1-6. DOI: 10.1109/PESTSE.2014. 6805298. **Published.**