

## LIST OF PUBLICATIONS

### Journal Publications

1. **Sivakumar, M**, Parvathi, RMS & Chandrasekar, S 2014, 'Diagnostic Study of Short-Switch Fault of Cascaded H-Bridge Multilevel Inverter using Discrete Wavelet Transform and Neural Networks', International Journal of Applied Engineering Research, vol. 9, no. 21, pp. 10087-10106.
2. **Sivakumar, M** & Parvathi, RMS 2014, 'Application of Neural Network Trained with Meta-Heuristic Algorithms on Fault Diagnosis of Multi-Level Inverter', Journal of Theoretical and Applied Information Technology, vol. 61, no. 1, pp. 91-98.
3. **Sivakumar, M** & Parvathi, RMS 2012, 'Particle swarm Trained Neural Network for Fault Diagnosis of Multi Level Inverter Drive System', International Review of Applied Engineering Research, vol. 2, no. 2, pp. 127-138.
4. **Sivakumar, M** & Parvathi, RMS 2011, 'Three phase Fault Diagnosis based on RBF Neural Network Optimized by PSO Algorithm', ARPN Journal of Engineering and Applied Sciences, vol. 6, no. 12, pp. 49-54.

### Conference Publications

1. **Sivakumar, M** & Parvathi, RMS 2009, 'Intelligent Techniques based Investigation of Faults in Multilevel Inverter Drive', Proceedings of the 9<sup>th</sup> International Conference on Sensors, Security, Software and Intelligent Systems, ISCO-2009, Coimbatore Institute of Technology Coimbatore, pp. 45, from 08 to 10 Jan 2009.
2. **Sivakumar, M**, Parvathi, RMS & Chandrasekar, S 2014, 'Fault Diagnosis of Cascaded H-Bridge Five Level Inverter using Time-Frequency Analysis of Voltage Signals', National Conference on Emerging trends in Engineering and Technology, Gnanamani College of Technology, 01 March 2014.