

LIST OF PUBLICATIONS

JOURNAL PUBLICATIONS

1. **Govindaraju, C.** and Baskaran, K. “Efficient sequential switching hybrid modulation techniques for cascaded multilevel inverter”, *IEEE Transactions on Power Electronics*, Vol. 26, No. 5, 2011 (DOI: 10.1109/ TPEL.2010.2089064- article in press).
2. **Govindaraju, C.** and Baskaran, K. “Efficient sequential switching hybrid modulation techniques for multiphase multilevel inverters”, *IET Power Electronics*, Vol. 4, No. 5, pp. 557-569, 2011.
3. **Govindaraju, C.** and Baskaran, K. “Sequential switching hybrid single-carrier sinusoidal modulation for cascaded multilevel inverter”, *Electric Power Components and Systems (Taylor & Francis Group)*, Vol. 39, No. 4, pp. 303-316, 2011.
4. **Govindaraju, C.** and Baskaran, K. “Efficient hybrid carrier based space vector modulation for cascaded multilevel inverter”, *Journal of Power Electronics*, Vol. 10, No. 3, pp. 277-284, 2010.
5. **Govindaraju, C.** and Baskaran, K. “Analysis and implementation of multiphase multilevel hybrid single carrier sinusoidal modulation”, *Journal of Power Electronics*, Vol. 10, No. 4, pp. 365-373, 2010.
6. **Govindaraju, C.** and Baskaran, K. “Performance analysis of cascaded multilevel inverter with hybrid phase shifted carrier modulation”, *Australian Journal of Electrical and Electronics Engineering*, Vol. 7, No. 3, pp. 121-132, 2010.
7. **Govindaraju, C.** and Baskaran, K. “Power loss minimizing control of cascaded multilevel inverter with efficient hybrid carrier based space vector modulation”, *International Journal of Electrical and Computer Engineering Systems*, Vol. 1, No. 1, pp. 49-57, 2010.

8. **Govindaraju, C.** and Baskaran, K. “Performance improvement of multiphase multilevel inverter using hybrid carrier based space vector modulation”, International Journal of Electrical Engineering and Informatics, Vol. 2, No. 2, pp. 137-149, 2010.
9. **Govindaraju, C.** and Baskaran, K. “A cascaded multilevel photovoltaic inverter topology with hybrid phase disposition modulation for grid connected PV system”, Journal of Electrical Engineering, Vol. 10, No. 1, pp. 141-148, 2010.

CONFERENCE PUBLICATIONS

1. **Govindaraju, C.** and Baskaran, K. “Optimized hybrid PWM control scheme for multilevel inverter with low total harmonic distortion”, in Proc. ICEICT, Trivandrum, India, pp. 605-609, 2009.
2. **Govindaraju, C.,** and Baskaran, K. and Nadhakumar, A. “FPGA based digital controller for cascaded multilevel photovoltaic inverter”, in Proc.ICRAES, KSR.C.E, Tiruchencode, India, Vol. 1, pp. 375-385, 2010.