

List of Publications:

1. S.Nageswari, V.Sureshkumar, "FPGA Implementation of Sampled Space Vector Pulse Width Modulation Technique for Two Level Inverter", Journal of Electrical Engineering, Vol.12, 2012, pp.182-187.
2. S.Nageswari, V.Sureshkumar, "Field Programmable Gate Array Implementation of Variable Common Mode Injection PWM for Three-level NPC Inverters", Computers and Electrical Engineering, Elsevier, Vol.40, issue:4, May 2014, pp. 1238-1252.,
3. M.Kanagarasu, S.Nageswari, Jabesalma, "Solar Powered Multi Level Inverter-An Analysis In Low Modulation Index Region", IJAREEIE, vol-3 ,issue-4, April 2014 , pp.8400-8409.
4. S.Nageswari, V.Sureshkumar, "VCMPWM Scheme to Reduce the Neutral-Point Voltage Variations in Three-Level NPC Inverter" IETE Journal of Research Vol.60, No. 6, NOV_DEC 2014, pp. 396-405.
5. T.Bala prabha; S.Nageswari "Neutral Point Voltage Balancing of Three Level Neutral Point Clamped Inverter", OSJET journal of Communication & Electronics, May 2012.
6. M.Asha, S.Nageswari, "Real Time Control of Diode Clamped Multilevel Inverter Using dSPACE", International Journal of Applied Engineering Research, Vol. 10, No. 12, 2015, pp.10689-10693
7. V.Arun & S.Nageswari "Wind Turbine Simulator For SEIG Based Wind Energy Conversion System", International Journal of Control Theory and Applications, Volume 9, Number 8 (2016), pp.3543-3553.
8. R. Durga Devi and S.Nageswari, "Analysis and Implementation of MPPT Technique and Battery Voltage Regulation System for a Standalone Solar PV System", Middle-East Journal of Scientific Research, Volume 25, Number 2 (2017), pp.408-416.
9. S.Nageswari, V.Sureshkumar, "Common mode injection PWM Scheme with equal zero vector placement for three-level NPC inverter", DOI: 10.1007/978-81-322-1035-1_18, vol.188, book chapter: 18, pp. 205-217, Springer 2013.
10. S.Nageswari, K.Baskaran, "Modified Space Vector Pulse Width Modulation Technique", Proceedings of International Conference on Emerging technology in Intelligent systems & control, Vol.I, pp.295- 300, 2005.
11. T.Balaprabha, S.Nageswari, "Neutral Point Voltage Balancing of Three-Level Neutral Point Clamped Inverter", Proceedings of the International Conference on Science and Innovative Engineering, Lord Venkateswara Engg. College, p.21, 2012.
12. M.Kanagarasu , S.Nageswari , "Solar Powered Multi Level Inverter-An Analysis In Low Modulation Index Region" , Proceeding of the First International Conference on Research vogues in inventive engineering, Sathyam college of Engineering and Technology , Kanyakumari , 26 February 2014.
13. V.Arun & S.Nageswari "Wind Turbine Simulator For SEIG Based Wind Energy Conversion System", Proceeding of the First International Conference on Electrical, Electronics & Communication, Alagappa Chettiar college of Engineering & Technology, Karaikudi, March 31st & April 1st ,2016.
14. R.Durga Devi, S.Nageswari, "Performance Assessment of MPPT methods for CUK converter based Solar PV System, proceeding of the IEEE sponsored fourth International Conference on Computation of Power, Energy, Information and Communication, Adhiparasakthi Engineering College, Melmaruvathur, April 20th – 21st, 2016.
15. R.Durga Devi, S.Nageswari, "Analysis and Implementation of MPPT Technique to harvest maximum power and battery voltage regulation system for a standalone solar PV system", Proceeding of the International Conference on Emerging Trends in Engineering & Technology, Arunachala College of Engineering for Women, Kanyakumari, 9-10, December 2016.
16. A.Maheswari, S.Nageswari, "Common Mode Injection PWM for Modular Multilevel Inverter", Proceeding of the International Conference on Recent Trends in Engineering & Technology, Mount Zion College of Engineering & Technology, Pudukkottai, 13-14, March 2014.
17. N.Dhivyalakshmi, S.Nageswari, "Maximum Power Point Tracking for Wind Energy Conversion System", Proceeding of the International Conference on Contemporary Topics in Power Engineering and Aiding Technologies, Pondicherry Engineering College, Pondicherry, Feb 24th-25th, 2017