

Dr. Kaliamoorthy M
Associate Professor
Electrical and Electronics Engineering
Dr. Mahalingam College of Engineering and
Technology, Pollachi – 642003

List of Publications

1. Rathinam Marimuthu Sekar, Dhanaraj Nelson Jayakumar, **Kaliamoorthy Mylsamy**, Umashankar Subramaniam, Sanjeevikumar Padmanaban, “Single phase nine level inverter using single DC source supported by capacitor voltage balancing algorithm”, Journal IET Power Electronics Volume 11, Issue 14, Pages 2319-2329, 2018.
2. I Anand, Subramaniam Senthilkumar, Dipankar Biswas, **M Kaliamoorthy**, “Dynamic power management system employing a single-stage power converter for standalone solar PV applications”, Journal IEEE Transactions on Power Electronics, Volume 33, Issue 12, Pages 10352-10362, 2018.
3. B Meenakshi Sundaram, BV Manikandan, **M Kaliamoorthy**, “Simulation of FPGA controlled single stage boost inverter for the applications of grid connected photovoltaic system”, Simulation, Volume ,93 Issue 12, Pages 1087-1097, 2017.
4. M Venkatesan, R Rajeswari, **M Kaliyamoorthy**, M Srithar, “Transient and Steady State Analysis of Modified Three Phase Multilevel Inverter for Photovoltaic System”, International Journal of Power Electronics and Drive Systems, Volume 8, Issue 1, Pages 31, 2017.
5. P Hema, N Seebha Sri, A Sakthivel, **M Kaliamoorthy**, “Design and Simulation of Five Levels Active Neutralpoint Clamped Inverter”, Journal of Energy and Environmental Sustainability, pp. 25-30, 2017.
6. V Janani, G Karthikeyan, S Gowtham, **M Kaliamoorthy**, A Sakthivel, “Cascaded H-bridge Multilevel Inverter for Photovoltaic Applications”, Journal of Energy and Environmental Sustainability, Vol. 4, pp. 20-24, 2017.
7. Soundar Rajan Ponnusamy, Manoharan Subramaniam, Gerald Christopher Raj Irudayaraj, **Kaliamoorthy Mylsamy**, “An Improved Switching Topology for Single Phase Multilevel Inverter with Capacitor Voltage Balancing Technique”, Journal of Power Electronics, Volume 17, Issue 1, Pages 115-126, 2017.
8. M Venkatesan, R Rajeshwari, N Deverajan, **M Kaliyamoorthy**, “Comparative study of three phase grid connected photovoltaic inverter using pi and fuzzy logic

controller with switching losses calculation”, International Journal of Power Electronics and Drive Systems, Volume 7, Issue 2, Pages 543, 2016.

9. CP Boopathy, **M Kaliamoorthy**, “A Novel Asymmetrical Single-Phase Multilevel Inverter Suitable for Hybrid Renewable Energy Sources”, Circuits and Systems, Volume 7, Issue 6, Pages 932-945, 2016.
10. R.M.Sekar I.Gerald Christoper raj, **M.Kaliamoorthy**, V.Rajasekaran, “Single-Phase Cascaded Grid Connected Multilevel Inverter for Interfacing Renewable Energy Sources With Microgrid”, ASME Journal of solar Energy Engineering, Volume 137, Issue 5, Pages 10, 2015.