

List of publications

International Journals

1. E. Catherine Amala Priya and G. T. Sundar Rajan, "An Improved Model of Hybrid Multi Converter used for Grid Connected Applications", International Journal of Power Electronics and Drive Systems (IJPEDS), Vol 10, No 2: June 2019. ISSN: 2088-8694. (SCOPUS indexed)
2. A.Ramesh Babu, G. T. Sundar Rajan, J. Barnabas Paul Gladly and V. Geetha, "Multi-MOSFET controlled half bridge AC – AC converter for Induction heating applications", International Journal of Ambient Energy, 31 Jan 2019.
3. P. Velazhagan, A. Ramesh Babu, M. D. Vijayakumar and G. T. Sundar Rajan, "Prospect of PicoHydro Electric Power Generation Scheme by Using Consuming Water Distributed to Multi Storage Building", Lecture Notes in Electrical Engineering, Publisher: Springer Verlag.
4. R. Magesh and G.T. Sundar Rajan, "Elimination of Harmonic in A Single Phase DC-AC Converter Without Filter", International Journal of Pure and Applied Mathematics (IJPAM), Volume 118, No. 16 2018, pp. 907-922. ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (online version).
5. T. Rajmohan and G.T. Sundar Rajan, "Design of Step-Up/Step-Down DC-AC Converter without Transformer", International Journal of Pure and Applied Mathematics (IJPAM), Volume 118, No. 16 2018, pp. 961-975. ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on-line version).
6. P.E.Robinson and G.T. Sundar Rajan, "An Efficient Approachon Single Phase Cascaded Multilevel Inverter with Space Vector Modulation", International Journal of Pure and Applied Mathematics (IJPAM), Volume 118, No. 16 2018, pp. 999-1013. ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on-line version).
7. S Anand Das and G. T. Sundar Rajan, "Anfis Based Soft Switched Dc-Dc Buck Converter with Coupled Inductor", IOSR Journal of Electronics and Communication Engineering (IOSR-JECE), 2017, PP 45-52. e-ISSN: 2278-2834,pp. ISSN: 2278-8735.
8. T. Sundaresan and G.T. Sundar Rajan, "High Gain Sepic Rectification Using Switched Capacitor Module", International Journal of Advanced Research in

Electrical, Electronics and Instrumentation Engineering, Volume 6, Special Issue 3, November 2017, pp. 155 – 162. ISSN (Print) : 2320 – 3765

9. V. Senthil Nayagam, G. T. Sundar Rajan and V. Balasubramanian, “Improved Power Factor at Input Stage of Pseudoboost Rectifier with Improved Switching Pattern”, International Journal of Applied Engineering Research, Volume 10, Number 6, 2015, pp. 5158 – 5164. ISSN 0973-4562. (Scopus Indexed).
10. R. Hemaprihni and G .T .Sundar Rajan, “Three Level Integrated AC to DC Converter fed DC Drive with Cascaded filter”, ”, International Journal of Applied Engineering Research, Volume 10, Number 6, 2015, pp. 5140 – 5146. ISSN 0973-4562. (Scopus Indexed).
11. D. Jayanthi, G.T.Sundar Rajan, “A Novel Unity Power Factor At Input Stage Of Vienna Rectifier For Wind Energy Conversion System Using Fuzzy Logic”, International Journal of Applied Engineering Research, Volume 10, Number 6, 2015, pp. 5650 – 5655. ISSN 0973-4562. (Scopus Indexed).
12. . V.Balasubramanian, Dr. Sivachidambaranathan and G.T.Sundar Rajan, “Super Junction MOSFET And Silicon Carbide Diode Based Transformerless Solar Photo Voltaic Inverter Topology For High Power Conversion Efficiency, Zero Dead Time And Minimized Ground Leakage Current”, International Journal of Applied Engineering Research, Volume 10, Number 6, 2015, pp. 5195 – 5199. ISSN 0973-4562. (Scopus Indexed).