Dr.Prabhakar.M
Professor,
VIT UNIVERSITY,
Chennai- 600127
Email id-prabhakar.m@vit.ac.in
Contact No-9710491465

LIST OF PUBLICATIONS:

1. Vijay Joseph Samuel, Gna Keerthi, Prabhakar Mahalingam, "Non-isolated DC–DC converter with cubic voltage gain and ripple-free input current", IET Power Electronics Year-2020

2. Vijay Joseph Samuel, Gna Keerthi, Mahalingam Prabhakar, "Ultra-high gain DC-DC converter based on interleaved quadratic boost converter with ripple-free input current", IET Power Electronics, Volume-30,Issue-11, Page no-e12622,Year-2020

3. R Amaleswari, M Prabhakar , "Non-isolated multi-input DC-DC converter with current sharing mechanism", International Journal of Electronics, PP-1-27, Year-2020

4. B Sri Revathi, Prabhakar Mahalingam, Francisco Gonzalez-Longatt, "Interleaved high gain DC-DC converter for integrating solar PV source to DC bus", Solar Energy,Vol-188,PP- 924-934, Year-2019

5. AS Valarmathy, M Prabhakar, "Coupled Inductor based High Gain DC-DC Converter for Renewable Energy Application", 2019 2nd International Conference on Power and Embedded Drive Control (ICPEDC), 516-521,IEEE,Year-2019

6. Vijay Joseph Samuel, Gna Keerthi, M Prabhakar, "High Gain Interleaved Quadratic Boost DCDC Converter", 2019 2nd International Conference on Power and Embedded Drive Control (ICPEDC), 390-395,IEEE,Year-2019

7.B Sri Revathi, Prabhakar Mahalingam," Modular high-gain DC–DC converter for renewable energy microgrids", Journal of Electrical Engineering, Vol-100,Issue-3, PP-1913-1924,Year-2018

8. Balapattabi Sri Revathi, Mahalingam Prabhakar, Francisco Gonzalez-Longatt," High-gain–high-power (HGHP) DC-DC converter for DC microgrid applications: Design and testing", International Transactions on Electrical Energy Systems, Vol-28,Issue-2, PP- e2487,Year-2018

9..B Sri Revathi, Prabhakar Mahalingam, "Non-isolated high gain DC–DC converter with low device stress and input current ripple," IET Power Electronics, Volume-11,Issue-15, PP- 2553-2562,Year-2018

10. Sri Revathi Balapattabi, Prabhakar Mahalingam, "A Novel Compact Hybrid Converter for DC Distribution",Journal of Electric Power Components and Systems, Volume-46,Issue-11-12, PP- 1275-1287,Year-2018

11. B Sri Revathi, M Prabhakar, "Modelling and simulation of high step up interleaved DC-DC converter for stand-alone PV system", World Journal of Modelling and Simulation, Volume-13,Issue-02, PP-123-132,Year-2017

12. B.Sri Revathi and M. Prabhakar,"Transformerless High Gain DC-DC Converter for Microgrids",IET Power Electronics Volume-9,Issue-6, PP-1170-1179,Year-2016

13. Sheshidhar Reddy Addula, Prabhakar Mahalingam," Coupled inductor based soft switched interleaved dc-dc converter for pv applications", International Journal of Renewable Energy Research (IJRER, Volume-6,Issue-2, PP-361-374,Year-2016).

14.S.Vinod, Dr. M. Balaji, Dr. M. Prabhakar," Robust Control of Parallel Buck Fed Buck Converter Using Hybrid Fuzzy PI Controller", IEEE PEDS 2015, Sydney, Australia ,9 – 12 June 2015

15.TM Aiswarya, M Prabhakar, "An Efficient High Gain DC-DC Converter for Automotive Applications", International Journal of Power Electronics and Drive System (IJPEDS), Volume-6,Issue-2, PP- 242-252,Year-2015