

SI No.	Year	Publications
1	2023	Saritha K S, Sasidharan Sreedharan, and Usha Nair., "A novel optimal control strategy for energy management in a hybrid microgrid system." International Energy Journal 23(2), 83-96, 2023
2	2021	K. S. Saritha, S. Sreedharan, S. R. Anand, and U. Nair, "Swarm Intelligence Approach for Optimum Renewable Integration of Campus Microgrid – A Case Study," GMSARN International Journal (Scopus indexed journal), vol. 15, pp. 157–165, 2021. ISSN:1905-9094.
3	2011	Saritha K S, " Optimization of generation scheduling for hydrothermal power system with market operation flexibility using mixed integer linear programming. proceedings of National conference VLSI architectures for image and video processing systems on 16th November 2011 at MET's School of Engineering, MALA.
4	2014	Saritha K S (Co-author), 'New ZV/ZCS Full Bridge DC-Dc converter with Fuzzy & PI Control.'" in International Conference on Emerging Trends in Engineering and Management (ICETEM/14) on December 30th and 31st December 2014.
5	2016	Saritha K S (Co-author), " Modified interleaved Buck Converter with Closed Loop Control for Higher Step Down Conversion Ratio" published in International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, IJAREEIE, Volume 5, Issue 3, March 2016.
6	2015	Saritha K S (Co-author), " A Novel ZVS Step up converter for Renewable Energy Generation Applications" published in International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, IJAREEIE, Volume 4, Issue 8, August 2015.
7	2016	Saritha K S, (Co-author) " Voltage gain enhanced step up converter using switched capacitor cell topology". proceedings in International conference on Emerging Trends in Engineering and Management (ICETEM'16) , on 12th and 13th January 2016.
8	2017	Saritha K S, Sasidharan Sreedharan, Usha Nair., " A generalized setup of a campus microgrid - A case study " proceedings in International conference on energy, communication, Data analytics and soft computing (ICECDS)-2017, during 1-2 August 2017.
9	2019	Saritha K S, Sasidharan Sreedharan, Usha Nair., " Microgrid Integration in Kerala Power gRid- A case study" proceedings in the first International conference on Advances in Electrical and computer Technologies 2019 (ICAECT-2019) during 26-27, April 2019.