

## LIST OF CONFERENCE PUBLICATIONS

### 2023 ( Till March )

1. R. Ramaprabha, A. Harish, M. Karthic Thangam and A. Muthukumar presented a paper titled Implementation of Data Transmission through Li-Fi for Intelligent Transportation System in 4th International Conference on Power and Embedded Drive Control (ICPEDC 2023) conducted by Department of EEE, SSN College of Engineering, Chennai in Online mode on 25/01/2023.
2. R. Ramaprabha, S. A. Akash Raj, F. Agilbert Sesu Felick and S. Aravind presented a paper titled Simulation of PV Fed Multilevel Inverter for Low Power Applications in 4th International Conference on Power and Embedded Drive Control (ICPEDC 2023) conducted by Department of EEE, SSN College of Engineering, Chennai in Online mode on 25/01/2023.
3. R. Ramaprabha, R. Ajay Kumar, M. Balaji, S. Charan and P. Surya presented a paper titled Implementation of Super Lift Multilevel Inverter for PV Interfacing in 4th International Conference on Power and Embedded Drive Control (ICPEDC 2023) conducted by Department of EEE, SSN College of Engineering, Chennai in Online mode on 25/01/2023.
4. R. Ramaprabha, G. Brindha, P. Gunasekaran and C. Steward Candy Mohan presented a paper titled Simulation of Integrated Boost Zeta Converter for PV Interfacing in 4th International Conference on Power and Embedded Drive Control (ICPEDC 2023) conducted by Department of EEE, SSN College of Engineering, Chennai in Online mode on 25/01/2023.
5. R. Gowri Manohari, K. Kavitha, R. Arun presented a paper titled Design of Metamaterial Inspired Antenna Using Machine Learning and Optimization Techniques in 2023 International Conference on Computer Communication and Informatics (ICCCI) conducted by Sri Shakthi Institute of Engineering & Technology. in Sri Shakthi Institute of Engineering & Technology, Coimbatore, India. on 23/01/2023
6. R.Seyezhai & V.Vidhupriya presented a paper titled Simulation and Comparative Analysis of Four Stage Interleaved Step-up Converter for Electric vehicle in Interdisciplinary Conference on Energy, Nanotechnology, Internet of Things conducted by NIT,Pudhucherry in Online/India on 04/02/2023
7. R.Seyezhai & N.Chitrapavai presented a paper titled Comparative study of voltage source inverter topologies for induction motor based electric Vehicle in Interdisciplinary Conference on Energy, Nanotechnology, Internet of Things conducted by NIT,Pudhucherry in Online/India on 04/02/2023
8. S. Devi, Dr. Seyezhai Ramalingam, Harshad. S.S, Harish. N, Bharath Vishal. R and Barath. V presented a paper titled 99-Investigation of Modulation Strategies for Split Source Inverter in PV Systems in Interdisciplinary Conference on Energy, Nanotechnology, Internet of Things conducted by NIT,Pudhucherry in Online/India on 05/02/2023
9. Harshad.S.S, S.Devi, Dr. R. Seyezhai, Harish.N, Bharath Vishal.R and Barath.V presented a paper titled Design and Analysis of Modified Split Source Inverter for PV Systems in DST-SERB Sponsored Second International Conference on 'Signal Processing and Communication Systems' - ICSPCS 2023 conducted by M.Kumarasamy College of Engineering,Karur in Online/India on 07/03/2023.
10. Ayshvarya lakshmi,K.R.Mahalakshmi,S.Jayashree,R.Seyezhai & A.Bharathi Sankar presented a paper titled Development of Eco-Friendly Solar PV Based DCDC Triple Lift Luo Power Converter for Water Pumping Applications in 1 st International Conference on Advanced Materials,

Manufacturing and Industrial Engineering – AMMIE 2023, March 23-24, 2023 conducted by VIT University, Chennai in Online/India on 23/03/2023.

11. R.Seyezhai, V.Vidhupriya & Lakshmi Prabha presented a paper titled Comprehensive Study And Analysis Of Cuk Led Drivers in International Conference 2023 conducted by M.Kumarasamy College of Engineering, Karur in Online/India on 31/03/2023
12. Anjana Ethirajan, R. Ramaprabha, K. Avinash, Mujahith Thameem, A. Muthiah and Y. Varun Vignesh presented a paper titled Implementation of DC Charging Station using Hybrid System in International Conference on Recent Trends in Science, Technology, Engineering & Mathematics (ICSTEM 2023) conducted by Department of EEE, RRASE College of Engineering, Chennai in Department of EEE, RRASE College of Engineering, Chennai on 03/03/2023.
13. R. Ramaprabha, G. Brindha, P. Gunasekaran and C. Steward Candy Mohan presented a paper titled Implementation of Boost Zeta Converter for Photovoltaic applications in International Conference on Recent Trends in Science, Technology, Engineering & Mathematics (ICSTEM 2023) conducted by Department of EEE, RRASE College of Engineering, Chennai in Department of EEE, RRASE College of Engineering, Chennai on 04/03/2023
14. M.Varshini, V. Annapoorna, S.S. Priyadharshini and R. Ramaprabha presented a paper titled Analysis and Development of Monitoring System for Fault Detection in Photovoltaic Array in International Conference on Recent Trends in Science, Technology, Engineering & Mathematics (ICSTEM 2023) conducted by Department of EEE, RRASE College of Engineering, Chennai in Department of EEE, RRASE College of Engineering, Chennai on 04/03/2023
15. Deekshitha Sriraman and R. Ramaprabha presented a paper titled Application of Machine Learning and Convolutional Neural Networks for the Fault Detection and Classification Monitoring System in PV Plants in 9th International Conference on Electrical Energy Systems (ICEES - 2023) conducted by Department of EEE, SSN College of Engineering, Chennai in Department of EEE, SSN College of Engineering, Chennai on 25/03/2023
16. Jothika B and Dr Mrunal Deshpande presented a paper titled Recent Trends For Materials Used In Development Of Perovskite Solar Cells: A Review in International Conference on Processing and Performance of Materials (ICPPM-2023) conducted by Mech SSN in SSN Chennai on 02/03/2023
17. S. Benisha, J. Anitha Roseline, K. Murugesan, D. Lakshmi, G. Ezhilarasi, P. Muthukumar presented a paper titled Enrichment in power quality using Power Factor Correction Cuk converter fed BLDC Motor Drive in 9th International Conference on Electrical Energy Systems ICEES - 2023. from March 23-25, 2023 conducted by SSNCE in SSNCE, Kalavakkam. India on 25/03/2023
18. Dr Leo Raju presented a paper titled Advanced Automation and Energy Management using IOT in ICEES 2023 conducted by IEEE in SSN College of Engineering, Chennai on 23/03/2023.
19. Arun Changotra, Mrunal Deshpande presented a paper titled Automation of Green house Monitoring and Controlling System in RTPEE 2023 conducted by SSN in SSN Chennai on 24/02/2023
20. Dr Mrunal Deshpande, Suhitha K, Aprajita Jaiswal, Harshavardhan J presented a paper titled DC-DC Converters for Power Monitoring and Control in RTPEE 2023 conducted by SSN in SSN Chennai on 24/02/2023

21. Amrutha.S , Raghavendra.V , Sethuram Gautham.R, K.Usha presented a paper titled Health Care Monitoring System Using Light Fidelity in Recent Trends in Power and Energy Engineering (RTPEE 2023) conducted by Department of EEE, SSN College of Engineering in Online on 24/02/2023
22. Sethuram Gautham.R , K.Usha presented a paper titled Analysis of Electromagnetic Forces and Deformations in Transformer Winding in Recent Trends in Power and Energy Engineering (RTPEE 2023) conducted by Department of EEE, SSN College of Engineering in Online on 24/02/2023.