

LIST OF CONFERENCE PUBLICATIONS

2023

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 1st 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 & Lakshmiprabha 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. Priyadarshini 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 DCDC 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.
23. Raju, L., Vishwa Raj, V., Vishal, E., Vimalan, K.M. “Energy Management System Using Multi Agent Systems with IoT and Machine Learning” 2023 International Conference on Circuit Power and Computing Technologies (ICCPCT) DOI: 10.1109/ICCPCT58313.2023.10245738 Electronic ISBN:979-8-3503-3324-Print on Demand(PoD) ISBN:979-8-3503-3325-1
24. V.Rajini, Vinuvarshath, P dinesh,Kedharnarayan, Jerry Rinaldo presented a paper titled Investigation of Integrated Bidirectional Converter with Eight Switch Inverter for Electric Vehicle Application in the International Conference on Circuit Power and Computing Technologies (ICCPCT) conducted by IEEE Scopus indexed in on 22/09/2023
25. B. Lakshmi Praba, Vidhu Priya V and Dr.R.Seyezhai presented a paper titled A Detailed Study,Simulation And Analysis Of Dc-Dc CukConverter For Led Lighting Applications in International Conference On Emerging Trends in Information and Communication Engineering (ICICE '23) conducted by ECE Department, CARE COLLEGE OF ENGINEERING, TRICHY, TAMILNADU in Online/India on 27/09/2023
26. Dr.R.Seyezhai, Kavichakravarthi presented a paper titled Analysis of Two-Stage Interleaved Step - Up Converter for Solar Led Street Light Systems in International Conference On Emerging Trends in Information and Communication Engineering(ICICE '23) conducted by ECE Department,CARE COLLEGE OF ENGINEERING, TRICHY, TAMILNADU in Online/India on 27/09/2023
27. Dr.R.Seyezhai, Kavichakravarthi presented a paper titled Design and Analysis of Double Z-Network Based VSI for PVSystems in International Conference On Emerging Trends in Information and Communication Engineering(ICICE '23) conducted by ECE Department,CARE COLLEGE OF ENGINEERING, TRICHY, TAMILNADU in Online/India on 28/09/2023
28. D. Ragul, RS/EEE, Dr. V. Thiyagarajan, ASSP/EEE presented a paper titled COMPARSION OF MULTILEVEL INVERTER AND ITS MODULATION TECHNIQUES FOR BATTERY ENERGY STORAGE SYSTEM in Bilsel International World Scientific And Research Congress conducted by Institute of Economic Development and Social Researches, Turkey in Turkey on 16/09/2023
29. Reshmi Soyinka V, IV Year/EEE, Vaduhammal V, IV Year/EEE, Sneka C, IV Year/EEE, Dr. V. Thiyagarajan, ASSP/EEE presented a paper titled A REVIEW OF MULTILEVEL INVERTER TOPOLOGIES IN HYBRID ELECTRIC VEHICLES in 8th International Aegean Conferences Innovation Technologies Engineering conducted by Institute of Economic Development and Social Researches, Turkey in Turkey on 25/09/2023
30. R Tamizh Selvan, RS/EEE, Dr. V. Thiyagarajan, ASSP/EEE presented a paper titled ANALYSIS OF REDUCED SWITCH MULTILEVEL INVERTERS FOR ELECTRIC VEHICLE APPLICATIONS in Second International Energy Days Conference conducted by Sivas Cumhuriyet University in Turkey on 27/09/2023.
31. S. S. Pattanaik, A Sahoo, R. Panda, “A Comparative Analysis of KNN and Light GBM Algorithms for Wind Energy Forecasting” 2023 1st International Conference on Circuits, Power and Intelligent

Systems (CCPIS), held from 01-03 September 2023 Bhubaneswar, India, 2023, pp. 1-4, doi: 10.1109/CCPIS59145.2023.10291700 (Electronic ISBN:979-8-3503-1576-9).

32. R. Ramaprabha and Gokularaman S R presented a paper titled Realization of Boost Zeta Converter for PV Applications in IEEE - 3rd International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES - 2023) conducted by St. Joseph's Institute of Technology, Semmanchery, Chennai in St. Joseph's Institute of Technology, Semmanchery, Chennai on 15/12/2023.
33. Karthika M and Balaji M presented a paper titled Design and Performance Evaluation of 12/8 Hybrid Excitation of Switched Reluctance Motor for Electric Three-Wheeler in 3rd International Conference on Innovative Mechanisms for Industry Applications conducted by Dayananda Sagar College of Engineering, Bangalore in India on 22/12/2023.
34. Dr.R.Seyezhai & Dr.A.Bharathi Sankar presented a paper titled Development of Eco-Friendly Solar PV Based DC-DC Triple Lift Luo Power Converter for Water Pumping Applications in Fourth International Conference on Innovations in Power & Advanced Computing Technologies, i-PACT 2023 conducted by VIT University, Vellore & Universiti Malaya, Malaysia in Online/India on 08/12/2023.
35. Dr.R.Seyezhai & Dr.A.Bharathi Sankar presented a paper titled Realization of a Modified Interleaved Buck Converter for charging of Electric Vehicle batteries in Fourth International Conference on Innovations in Power & Advanced Computing Technologies, i-PACT 2024 conducted by VIT University, Vellore & Universiti Malaya, Malaysia in Online/India on 08/12/2023.
36. Dr.R.Seyezhai & E.Maheswari presented a paper titled Analysis and Realization of a Manitoba Converter for Portable Medical Devices in 3rd International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES -2023), IEEE conducted by St. Joseph's Institute of Technology (Autonomous), Chennai, Tamil Nadu, in physical mode on 15/12/2023
37. Dr. Rajesh Panda, Bijay Das, Subhasish Deb, Arup Kumar Goswami, Prashant Kumar Tiwari, presented a paper titled Probabilistic Modeling of Plug-in Electric Vehicles Charging Demand and Charging Cost Minimization in IEEE International Conference on Power Electronics, Smart Grid and Renewable Energy (PESGRE 2023) during 17 - 20 December 2023 held at Hotel Hyncith, Trivandrum, Kerala, India organized by IA/IE/PELS Joint Chapter Kerala.
38. Dr.Rajesh Panda, Sushree Samikshya Pattanaik, Prashant Kumar Tiwari, presented a paper titled Forecasting of Market Power using LSTM in day-ahead market in IEEE International Conference on Power Electronics, Smart Grid and Renewable Energy (PESGRE 2023) during 17 - 20 December 2023 held at Hotel Hyncith, Trivandrum, Kerala, India organized by IA/IE/PELS Joint Chapter Kerala.
39. Thirunavukkarasu, K., Raju, L., Sathishbabu, "A Survey on LoRaWAN for Smart Medical and Industries" 2023 9th International Conference on Electrical Energy Systems (ICEES), DOI: 10.1109/ICEES57979.2023.10110099, Electronic ISBN:979-8-3503-4803-3 Print on Demand(PoD) ISBN:979-8-3503-4804-0