

**2023 - 2024**

SL NO	TITLE	NAME OF THE FACULTY	CONFERENCE/JOURNAL	DOI
1	Jim George; Geetha Mani, "A Portrayal of Sliding Mode Control Through Adaptive Neuro Fuzzy Inference System With Optimization Perspective," in IEEE Access, vol. 12, pp. 3222-3239, 2024, doi: 10.1109/ACCESS.2023.3348836.	Jim George	Journal	<a href="http://dx.doi.org/10.1109/ACCESS.2023.3348836">http://dx.doi.org/10.1109/ACCESS.2023.3348836</a>
2	Ambili Mohan,Elizabeth Rita Samuel &Gylson Thomas "Optimised output feedback PID controller for LQR inability", Australian Journal of Electrical and Electronics Engineering (T & F) <a href="https://doi.org/10.1080/1448837X.2024.2323370">https://doi.org/10.1080/1448837X.2024.2323370</a>	Ambili Mohan	Journal	<a href="https://doi.org/10.1080/1448837X.2024.2323370">https://doi.org/10.1080/1448837X.2024.2323370</a>
3	Sivaprasad Athikkal; Ravi Eswar Kodumur Meesala, "Analysis of a triple input single output DC-DC converter for hybrid energy application",AIP Conference Proceedings, Volume 2764, Issue 1 , 13 September 2023	Dr.Sivaprasad A	Conference	<a href="https://doi.org/10.1063/5.0144375">https://doi.org/10.1063/5.0144375</a>
4	Preenu Paul, Babita R Jose, Shahana T K, Chikku Abraham, Jimson Mathew,Sandeep J,"Push-Pull based Grid tied Micro inverter for Photovoltaic Applications" 2023 IEEE International Conference on Power Electronics, Smart Grid and Renewable Energy (PESGRE 2023), 17-20 December 2023 at Thiruvananthapuram, India.	Preenu paul	Conference	<a href="http://dx.doi.org/10.1109/PESGRE58662.2023.10404796">http://dx.doi.org/10.1109/PESGRE58662.2023.10404796</a>
5	Preenu Paul, Babita R Jose, Shahana T K, Chikku Abraham, Jimson Mathew,Sandeep J,"Push-Pull based Grid tied Micro inverter for Photovoltaic Applications" 2023 IEEE International Conference on Power Electronics, Smart Grid and Renewable Energy (PESGRE 2023), 17-20 December 2023 at Thiruvananthapuram, India.	Dr. Chikku Abraham	Conference	<a href="http://dx.doi.org/10.1109/PESGRE58662.2023.10404796">http://dx.doi.org/10.1109/PESGRE58662.2023.10404796</a>
6	Geethu Chacko; Betsy Baby; K Mathew, "Control of NPC three phase three level inverter using a switching logic based control algorithm with constant switching	Geethu Chacko	Conference	<a href="http://dx.doi.org/10.1109/PESGRE58662.2023.10405070">http://dx.doi.org/10.1109/PESGRE58662.2023.10405070</a>

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	frequency." 2023 IEEE International Conference on Power Electronics, Smart Grid and Renewable Energy (PESGRE 2023)			
7	Aleena Anosh, Dona Saji, Annwin Jexy, Jayaram P G, Sivaprasad Athikkal, "Improved Gain Non-Isolated type DC-DC Converter" , 1st International Conference on 'Trends In Engineering Systems And Technologies' ICTEST - 2024 at Government Model Engineering College, Thrikkakara, Kochi (April 11-13 ,2024)	Dr.Sivaprasad A	Conference	<a href="https://doi.org/10.1109/ICTEST60614.2024.10576084">https://doi.org/10.1109/ICTEST60614.2024.10576084</a>
8	Sivaprasad Athikkal, Nithin Raj, "An Enhanced Gain Two Input step up DC- DC Converter with Non Isolated Structure", 3rd IEEE International Conference on Power Electronics, Intelligent Control and Energy Systems (IEEE ICPEICES-2024) held at Delhi Technological University, Delhi, India from 26 - 28 April, 2024	Dr.Sivaprasad A	Conference	<a href="http://dx.doi.org/10.1109/ICPEICES62430.2024.10719227">http://dx.doi.org/10.1109/ICPEICES62430.2024.10719227</a>
9	Preenu Paul, Babita R Jose, Shahana T K, Chikku Abraham, Jimson Mathew, "Three-Port DC-DC Converter With Galvanic Isolation Using Multi-Winding Transformer" 3rd IEEE International Conference on Power Electronics, Intelligent Control and Energy Systems (IEEE ICPEICES-2024) held at Delhi Technological University, Delhi, India from 26 - 28 April, 2024.	Preenu Paul	Conference	<a href="http://dx.doi.org/10.1109/ICPEICES62430.2024.10719244">http://dx.doi.org/10.1109/ICPEICES62430.2024.10719244</a>
10	Preenu Paul, Babita R Jose, Shahana T K, Chikku Abraham, Jimson Mathew, "Three-Port DC-DC Converter With Galvanic Isolation Using Multi-Winding Transformer" 3rd IEEE International Conference on Power Electronics, Intelligent Control and Energy Systems (IEEE ICPEICES-2024) held at Delhi Technological University, Delhi, India from 26 - 28 April, 2024.	Dr. Chikku Abraham	Conference	<a href="http://dx.doi.org/10.1109/ICPEICES62430.2024.10719244">http://dx.doi.org/10.1109/ICPEICES62430.2024.10719244</a>

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11	Leo Benn Dominic; Basil Saju; Midhun Raj M; Jones Mathew Cleetus; Anjali Varghese; Chikku Abraham, "Review of Totem-Pole Boost Bridgeless PFC Rectifier Intended for On-Board EV Charging" ,1st International Conference on 'Trends In Engineering Systems And Technologies' ICTEST - 2024 at Government Model Engineering College, Thrikkakara, Kochi (April 11- 13 ,2024)	Dr. Anjali Varghese C	Conference	<a href="https://doi.org/10.1109/ICTEST60614.2024.10576074">https://doi.org/10.1109/ICTEST60614.2024.10576074</a>
12	Leo Benn Dominic; Basil Saju; Midhun Raj M; Jones Mathew Cleetus; Anjali Varghese; Chikku Abraham, "Review of Totem-Pole Boost Bridgeless PFC Rectifier Intended for On-Board EV Charging" ,1st International Conference on 'Trends In Engineering Systems And Technologies' ICTEST - 2024 at Government Model Engineering College, Thrikkakara, Kochi (April 11- 13 ,2024)	Dr. Chikku Abraham	Conference	<a href="https://doi.org/10.1109/ICTEST60614.2024.10576074">https://doi.org/10.1109/ICTEST60614.2024.10576074</a>
13	Adwaith Vasudev; M Dheeraj; Nobel Saju Varghese; Sujith Kumar; Geethu Chacko, "Analysis of a Three-port Converter for Integrating Renewable Sources in to Electric Vehicle", 2023 9th International Conference on Smart Computing and Communications (ICSCC)	Geethu Chacko	Conference	<a href="https://doi.org/10.1109/ICSCC59169.2023.10335015">https://doi.org/10.1109/ICSCC59169.2023.10335015</a>
14	Jim George; Geetha Mani, "An Empirical Perspective of Periodic Phase Trajectory based p-c Control Optimization of DC Servo", 2023 9th International Conference on Smart Computing and Communications (ICSCC)	Jim George	Conference	<a href="https://doi.org/10.1109/ICSCC59169.2023.10334971">https://doi.org/10.1109/ICSCC59169.2023.10334971</a>