

2022 - 2023

SL NO	TITLE	NAME OF THE FACULTY	CONFERENCE/ JOURNAL	DOI
1	Thomas, S. R., Nair, V. V., & Nair, U, "Criticality Identification in Power Distribution Networks with Voltage Stability Index based on Apparent Power". Electric Power Components and Systems, 50(19–20), 1161–1173. https://doi.org/10.1080/15325008.2022.2148775	Sindhura Rose Thomas	JOURNAL	https://doi.org/10.1080/15325008.2022.2148775
2	Das, J. Batteries and flow batteries-life cycle assessment in Indian conditions. Clean Techn Environ Policy (2022). https://doi.org/10.1007/s10098-022-02431-w	Jani Das	JOURNAL	https://doi.org/10.1007/s10098-022-02431-w
3	Chacko G, Syamala L, James N, Jos BM, Kallarackal M. Switching Frequency Limited Hysteresis Based Voltage Mode Control of Single-Phase Voltage Source Inverters. Energies. 2023; 16(2):783. https://doi.org/10.3390/en1602078	Geethu Chacko	JOURNAL	https://doi.org/10.3390/en1602078
4	Preenu Paul, Babita R Jose, T. K. Shahana, Chikku Abraham & Jimson Mathew. "Design and analysis of a dual input quasi SB-SC cell high gain converter", International Journal of Electronics, 111(5), 877–894. https://doi.org/10.1080/00207217.2023.2192971	Preenu paul	JOURNAL	https://doi.org/10.1080/00207217.2023.2192971
5	Preenu Paul, Babita R Jose, T. K. Shahana, Chikku Abraham & Jimson Mathew. "Design and analysis of a dual input quasi SB-SC cell high gain converter", International Journal of Electronics, 111(5), 877–894. https://doi.org/10.1080/00207217.2023.2192971	Dr. Chikku Abraham	JOURNAL	https://doi.org/10.1080/00207217.2023.2192971
6	Jim George, Geetha Mani "HiL IMPLEMENTATION OF HARMONY SEARCH-BASED REDESIGNED PI-LIKE CONTROL FOR DC SERVO", Mechatronic Systems and Control, Vol. 51, No. 1, 2023	Jim George	JOURNAL	https://dx.doi.org/10.2316/I.2023.201-0279

Department of Electrical and Electronics Engineering

7	Joyce Jacob, P. Preetha, T.K. Sindhu, U. Mohan Rao, "Electro-thermal and mechanical aspects of thermally aged cellulose insulation impregnated with nanofluids", Measurement, Volume 209, 2023, https://doi.org/10.1016/j.measurement.2023.112506 .	Dr.Joyce Jacob	JOURNAL	https://doi.org/10.1016/j.measurement.2023.112506
8	Aravind, R. ., Athikkal, S. ., Meesala, R. E. K. ., Reddy, K. J. ., Dash, R. ., & Subburaj, V. . (2023). "Dual Inductor Based Two Input Two Output DC-DC Converter and its Analysis for DC Microgrid Application". Distributed Generation & Alternative Energy Journal, 38(03), 943–964. https://doi.org/10.13052/dgaej2156-3306.38310	Dr.Sivaprasad A	JOURNAL	https://doi.org/10.13052/dgaej2156-3306.38310
9	Jani Das, "Clear Sky and real sky solar radiation modelling for locations in India", International Conference on Advances in Energy Research, IIT Bombay	Jani Das	CONFERENCE	https://doi.org/10.1007/978-981-99-2279-6_2
10	Das,Jani "Life Cycle Analysis of Hydrogen Production and Fuel Cell Electric Vehicle in Indian Conditions",INDICON 2022	Jani Das	CONFERENCE	http://dx.doi.org/10.1109/INDICON56171.2022.10039831
11	Emil Raju, Arun Jose, Febin Mathew George, Sherin Sabu, Jani Das, Venugopalan K (2021) MATLAB Modelling Of EV and BMS For Modular Battery Swapping, ,AIP Conference Proceedings 2452, 030008 (2022); https://doi.org/10.1063/5.0113654	Jani Das	CONFERENCE	https://doi.org/10.1063/5.0113654
12	Chacko,Geethu K Mathew, "Hysteresis based voltage mode control of three phase two level inverters with constant switching frequency",INDICON 2022	Geethu Chacko	CONFERENCE	http://dx.doi.org/10.1109/INDICON56171.2022.10039730
13	Ananthu M N, Christy Tom scaria, Sruthi S Menon, Shino Joy, Geethu Chacko, Sindhura Rose Thomas,"Development of a Robotic system for Power Transmission Line Inspection",INDICON 2022	Geethu Chacko	CONFERENCE	http://dx.doi.org/10.1109/INDICON56171.2022.10039729
14	Jani Das; Venugopalan K; Johnson Daniel, "Prediction of Electric Vehicle Charging Load with Uncertainty using Probabilistic Methodology", IPRECON 2022	Jani Das	CONFERENCE	http://dx.doi.org/10.1109/IPRECON55716.2022.10059502

Department of Electrical and Electronics Engineering

15	Sivaprasad Athikkal; Gayathri S, "A Transformerless High Gain DC-DC Converter with Two Inductor Structure for DC Microgrid System," 2023 International Conference on Power, Instrumentation, Energy and Control (PIECON), Aligarh, India, 2023, pp. 1-6	Dr.Sivaprasad A	CONFERENCE	https://doi.org/10.1109/PIECON56912.2023.10085844
16	Bhargava, Y.V., Aravind, R., Noori, K., Gupta, D., Athikkal, S., Meesala, R.E.K. " A Transformerless High Step up Dual Inductor Based DC-DC Converter for Fast Charging Application". In: Kumar, S., Singh, B., Sood, V.K. (eds) Recent Advances in Power Electronics and Drives. Lecture Notes in Electrical Engineering, vol 973. Springer, Singapore. https://doi.org/10.1007/978-981-19-7728-2_4	Dr.Sivaprasad A	BOOK	https://doi.org/10.1007/978-981-19-7728-2_4
17	Jani Das, "Clear Sky and Real Sky Solar Radiation Modelling for Locations in India" Springer Nature Singapore Pte Ltd. 2023 S. Doolla et al. (eds.), Advances in Clean Energy and Sustainability, Green Energy and Technology, https://doi.org/10.1007/978-981-99-2279-6_2	Jani Das	BOOK	https://doi.org/10.1007/978-981-99-2279-6_2
18	Meesala, R.E.K., Athikkal, S., Ramanjaneya Reddy, U., Kedika, N.R. (2023). "Enhanced Predictive Torque Control of Open Winding Permanent Magnet Synchronous Motor Drive with Common Mode Voltage Elimination" In: Kumar, J., Tripathy, M., Jena, P. (eds) Control Applications in Modern Power Systems. Lecture Notes in Electrical Engineering, vol 974. Springer, Singapore. https://doi.org/10.1007/978-981-19-7788-6_4	Dr.Sivaprasad A	BOOK	https://doi.org/10.1007/978-981-19-7788-6_4