



Sri SAI RAM INSTITUTE OF TECHNOLOGY

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



PUBLICATIONS(2021-2022)

7	Mr. Vijayaraja L, Dr.Sivarajeswari S	Design of Thirteen Level Inverter suitable for Solar Farms	2022 International Conference on Computer Communication and Informatics, ICCCI 2022	Mar-22	10.1109/ICCCI54379.2022.9741026
8	Dr.Maheswari E	3-Phase Power Quality Improvement using ZETA Converter	Proceedings - 4th International Conference on Smart Systems and Inventive Technology, ICSSIT 2022	Feb-22	10.1109/ICSSIT53264.2022.9716380
9	Dr.Muthamizhan T	An Intelligent Fuzzy Controlled Microgrid Fed by Distribution Generation Sources	Lecture Notes in Electrical Engineering	Nov-21	//doi.org/10.1007/978-981-16-4943-1_43
10	Dr.Jagadeesh Kumar M, Dr.Muthamizhan, T, Mr.Rathnavel, P.,	Performance and Analysis of Voltage Compensation in Transmission Line Using SMES-Based IDVR	Lecture Notes in Electrical Engineering	2022	10.1109/ICCCI54379.2022.9741026
11	Mr.Vijayaraja L,	Fog-Computing: A Novel Approach for Cloud-Based Devices Using Perceptual Cloning Manifestation-PerColNif Taxonomy by Energy Optimization	Lecture Notes on Data Engineering and Communications Technologies	Sep-21	//doi.org/10.1007/978-981-16-3448-2_6
12	Mrs.Ezhilarasi G	Stand-alone microgrid concept for rural electrification: A review	Residential Micro grids and Rural Electrifications	Jan-22	//doi.org/10.1016/B978-0-323-90177-2.00013-X
13	Mr.Dhanasekar R Mr. Vijayaraja L	Re-allocation of distributed generations using available renewable potential based multi-criterion-multi-objective hybrid technique	Sustainability (Switzerland)	Dec-21	//doi.org/10.3390/su132413709



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14	Dr.Muthamizhan T	Fuzzy Logic Controller Based 3-Phase 4-Wire Inverter for Enhancing the Reactive Power Injecting Capability in Asymmetrical Voltage Sag	2021 2nd Global Conference for Advancement in Technology, GCAT 2021	Nov-21	10.1109/GCAT52182.2021.9587511
15	Dr.Muthamizhan, T., Dr.Jadeesh Kumar M Mr. Rathnavel, P.	A Photovoltaic fed High Gain Bidirectional DC/DC Converter on EV Charging stations Applications	2021 2nd Global Conference for Advancement in Technology, GCAT 2021	Nov-21	10.1109/GCAT52182.2021.9587699
16	Dr.Muthamizhan T	Active shunt power filter using ANN controller for wind turbine - PMSG interfaced to grid	2021 2nd International Conference for Emerging Technology, INCET 2021	Jun-21	10.1109/INCET51464.2021.9456123
17	Mr.Dhanasekar R Mr.Vijayaraja L	Simulation and experimentation of 57-level inverter	2021 IEEE International Conference on Automation/24th Congress of the Chilean Association of Automatic Control, ICA-ACCA 2021	Jul-21	10.1109/ICAACCA51523.2021.9465284
18	Mr.Dhanasekar R Mr.Vijayaraja L	Design of higher order converter for piezo electric energy harvesting applications	2021 IEEE International Conference on Automation/24th Congress of the Chilean Association of Automatic Control, ICA-ACCA 2021	Jul-21	10.1109/ICAACCA51523.2021.9465296
19	Mrs.Shanthi N	Work-in-Progress: Smart Automatic Regeneration of Electricity using Thermoelectric Generator Technology	Proceedings of the 2021 4th International Conference on Computing and Communications Technologies, ICCCT 2021	Feb-22	10.1109/ICCCT53315.2021.9711775



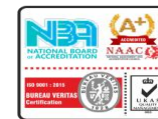
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20	Mrs.Sasikala A	AI transformation in retail sectors	International Journal of Public Sector Performance Management	Oct-21	//doi.org/10.1504/IJSPM.2021.118680
21	Mrs.Sasikala A	Implementation of Legendre Neural Network to Solve Time-Varying Singular Bilinear Systems	Computers, Materials and Continua	Aug-21	//doi.org/10.32604/cmc.2021.017836
22	Mrs.T.Thenmozhi	Hard Exudates Detection for Diabetic Retinopathy Early Diagnosis Using Deep Learning	Lecture Notes on Data Engineering and Communications Technologies	Jan-22	//doi.org/10.1007/978-981-16-6605-6_22
23	Dr.S.Sivarajeswari, Dr.M. Jagadeesh kumar	A Machine Learning Approach for Human Breath Diagnosis with Soft Sensors	Computers and Electrical Engineering	May-22	10.1016/j.compeleceng.2022.107945
24	Dr.T. Muthamizhan	Sensorless Control of Z Source Inverter fed BLDC Motor Drive by FOC - DTC Hybrid Control Strategy Using Fuzzy Logic Controller	IEEE Xplore	2021	10.1109/ICEES51510.2021.9383752