

## Journals Details from 2019 to 2023

Sl.No	Title of the paper	Name of the author/s	Name of the journal	Year of Publication	ISSN Number
1	Investigation of Pungamia Oil Properties Using Spectroscopy for Transformer Applications	Dr. T. Mariprasath	IETE Journal of Research	2023	0377-2063
2	Significance of Harmonic Filters by Computation of Short-Time Fourier Transform-Based Time-Frequency Representation of Supply Voltage	Dr.M.S.Priyadarshini	Energies	2023	1996-1073
3	Feasibility analysis of new green liquid dielectrics for transformers	Dr. T. Mariprasath	Green Materials	2023	2049-1220
4	An experimental study of partial discharge analysis on environmental friendly insulating oil as alternate insulating material for transformer	Dr. T. Mariprasath	Sadhana-Academy Proceedings in Engineering Sciences	2022	0973-7677
5	A Two-step Horizon Optimum Switching Vector-Model Presictive Control with a Novel Shunt Filter Reference Current Exaction	Dr. C. Kumar Reddy	Journal of Circuits, Systems and Computers	2022	1793-6454

6	An experimental analysis on withstand ability of cellulosic insulating material immersed in NEO for transformer	Dr. T. Mariprasath	Matreilas today: Proceedings	2022	1369-7021
7	Simulative Design and Performance Analysis of Hybrid Optimization Technique for PEM Fuel Cell Stack based EV Application	Dr. T. Mariprasath	Matreilas today: Proceedings	2022	1369-7021
8	Thermal Degrade Analysis of Solid Insulating Materials Immersed in Natural Ester Oil and Mineral Oil by DGA	Dr. T. Mariprasath	Matreilas today: Proceedings	2022	1369-7021
9	An Improved Differential Evolution Optimization Controller for Enhancing the Performance of PEM Fuel Cell Powered Electric Vehicle System	Mr. CH. Hussain Basha	Matreilas today: Proceedings	2022	1369-7021
10	Decentralized spectrum allocation and beamforming for downlink in a two-tier macro femtocell network	Dr M S Priyadarshini, C N Arpitha, M Bhaskar Reddy, K Ramamohan Reddy	International Journal of Gender Science and Technology	2022	2040-0748

11	An Analysis of How Cloud Computing Could Boost Virtual Classrooms	A Jyothirmayi, G Hussain Basha , N Siddhik, Dr.C Kumar Reddy	DogoRangsang Research Journal	2022	2347-7180
12	Position Change Dual-Feed Induction Generator Real-Time Wind Turbine Control	Saleha Tabasum, K Kalyan Kumar, P Durga Prasad, N Siddhik	Indian Journal of technical Education	2022	0971-3034
13	Stator Windings of Self-Excited Induction Generators: An Enhanced Electronic Load Controller	Dr M S Priyadarshini, C N Arpitha, M Bhaskar Reddy, K Ramamohan Reddy	Indian Journal of technical Education	2022	0971-3034
14	Towards a Multi-Date Control Strategy for Handling Sluggish Sensors: An Interactive Simulation of Controller Assisted Design	Dr M S Priyadarshini, C N Arpitha, M Bhaskar Reddy, K Ramamohan Reddy	International Journal of Gender, Science and Technology	2022	2040-0748
15	Artificial Neural Network Controller in Two-Area and Five-Area System with Security Attack and Game-Theory Based Defender Action.	S. Khader Vali	Energies	2022	1996-1073

16	A Techno- Economic Feasibility Analysis of Renewable Energy based Marine Micro grid for Cruise Ship Applications: A Case Study Simulation	Dr. K. Amaresh	Marine Technology Society	2021	0025-3324
17	A new design of transformer less, non-isolated, high step-up DC-DC converter with hybrid fuzzy logic MPPT controller	Dr. M. Murali	International journal of circuit theory applications, Wiley publications	2021	0025-3324
18	Economic based evaluation of DGs in capacitor allocated optimal distribution network	Dr. C. Kumar Reddy	Bulletin of The Polish Academy o Sciences Technical Sciences	2021	2300-1917
19	Analysis of Microgrid System with Photovoltaic Array	Mr. N. Siddhik	Journal of Physics - Conference Series	2021	1742-6596
20	Range-Based Subsea Vehicle Localization: A Measure of Observability	K Kalyan Kumar, P Durga Prasad, Saleha Tabasum, N Siddhik	DogoRangsang Research Journal	2021	2347-7180

21	Modeling in UML for an Android-based Mobile Game	Saleha Tabasum, P Durga Prasad, K Kalyan Kumar, N Siddhik	DogoRangsang Research Journal	2021	2347-7180
22	A New Mathematical Model for Estimating Solar PV Module Energy Production	K Kalyan Kumar, Saleha Tabasum, P Durga Prasad, N Siddhik	DogoRangsang Research Journal	2021	2347-7180
23	Smart Grid Fault Diagnosis for PV Arrays: A New Direction in PV Maintenance	K Kalyan Kumar, Saleha Tabasum, P Durga Prasad, N Siddhik	Indian Journal of technical Education	2021	0971-3034
24	Model-based hybrid power estimate for embedded system design	Dr M S Priyadarshini, C N Arpitha, M Bhaskar Reddy, K Ramamohan Reddy	International Journal of Gender, Science and Technology	2021	2040-0748
25	A novel wfs based multi port dc-dc converter with minimal switching devices	G. Hussain Basha, D. V. Madhavi	Utkal Historical Research Journal	2021	0022-3301
26	Simulation and analysis of high dc voltage generation using cockcroftwalton voltage generator	T. Naresh	Journal of the Asiatic of mumbai	2021	0972-0766

27	Implementation of hybrid energy storage system (Battery/super-capacitor in dc micro grid)	A. Jyothirmayi, S. Azariddin	Journal of the Asiatic of mumbai	2021	0972-0766
28	Analysis on grid connected performance wind energy conversion system using ANFIS control strategy	S. Khadarvali, S. Shazia tabassum	Journal of the Asiatic of mumbai	2021	0972-0766
29	A novel method for electric vehicle battery charging/discharging using bidirectional DC/DC converters	Dr. M. Murali	Journal of Education: Rabindra Bharati University	2021	0972-7175
30	Energy Conservation Approach for Continuous Power Quality Improvement: A Case Study	Dr. T. Mariprasath	IEEE Access	2021	2169-3536
31	The Sparrow Search Algorithm for Optimum Position of Wind Turbine on a Wind Farm	Mr. K. Kalyan Kumar	International Journal of Renewable Energy Research	2021	1309-0127
32	Enhancing the performance of fuzzy based power quality conditioner using fast energy storage	N. Siddhik, S. M. Sania	ANVESAK	2021	0022-3301

33	An advance power control strategy and optimization of large scale grid connected photovoltaic systems in the smart grid	Dr. C. Kumar Reddy, K. Kumar	The journal of oriental research madras	2021	0022-3301
34	Thermal monitoring and FFT power spectrum for transformer winding insulation using health analysis technique	Saleha tabassum, P. sucharitha	Journal of Education: Rabindra Bharati University	2021	0972-7175
35	Analyzation for a low voltage ride through upfc device for grid connection	Dr. T. Mariprasath, Z. Ajith Kumar	Journal of Education: Rabindra Bharati University	2021	0972-7175
36	Comparison and Optimization of Various Coated Ceramic Insulator Artificial Coastal Thermal Power Plant Pollution	Dr. T Mariprasath, S. Asokan & M. Ravindran	Journal of Circuits, Systems, and Computers	2020	0218-1266
37	An experimental study on spectroscopic analysis of alternating liquid dielectrics for transformer	Dr. T. Mariprasath, Dr. V. Kirubakaran, Dr. M. Sreedhar; Dr. K. Amaresh	Electrical Engineering – Springer,	2020	1432-0487

38	Compressive Sensing In Quadrature Frequency Modulated Thermal Wave Imaging	Saleha Tabssum, Md. M. Pasha, G. V. Subba Rao and B. Suresh	Journal of Critical Reviews	2020	2394-5125
39	Development of grid connected pv cells and wind based energy generating system using simulink	T. Kishore Kumar, K. C. Prakash Reddy	Utkal Historical Research Journal	2020	0976-2132
40	An effective low order current suppression structure for fast charging in vehicles	P. Durga Prasad, S. Ahammad	Utkal Historical Research Journal	2020	0976-2132
41	Energy Efficiency Enhancement of Solar PV Panel by Automatic Cleaning Technique	Dr. T. Mariprasath and K. Rama Mohan Reddy , Dr. T. Mariprasath and K. Rama Mohan Reddy	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2020	2278-3075
42	Experimental Analysis of New Charge Controller for Solar PV Systems	Sri S. Khadervali, Sri C. Harsha Vardhan Reddy, Smt. C. N. Arpitha and Sri G. Hussain Basha	Test Engineering & Management	2020	0193-4122



43	Inspection of Defects in CFRP based on Principal Components	Saleha Tabassum	International Journal of Recent Technology and Engineering	2020	2277-3878
44	Modeling and Analysis of Environmental Impact on Solar PV using Matlab/Simulink	Dr. K. Amaresh, Dr. T. Mariprasath, Sri M. Bhaskar Reddy and Smt. Saleha Tabassum	Test Engineering & Management	2020	0193-4120
45	Bridgeless Converter Based Multiple SMPS Output for Better Power Quality Using PEC Method	K. Kalyan Kumar, K. Somanju	The journal of oriental research madras	2020	0972-7175
46	Utilization Of Non-Conventional Sources Of Energy With Power Quality Improvement For Local Non Linear Load Using Mlms	T Kishore Kumar, K. Janesh Paul	Journal of Education: Rabindra Bharati University	2020	0886-9367
47	Implementation of a lithium-ion battery charging scheme with multiple levels	CH. Hussain Basha, M. Aslam Baig	Journal of Education: Rabindra	2020	0976-2132

			Bharati University		
48	Pressure on magnetic water properties of glass fiber reinforced concrete	M. Bhaskar Reddy, M.S. Jyothsna	ANVESAK	2020	0378-4568
49	Utilization of waste heat energy for thermoelectric generator module using arduino	Dr. K. Amaresh, S. Abdul	ANVESAK	2020	0378-4568
50	A compliant voltage control method using battery energy storage for interfacing DC microgrid	K. Ramamohan Reddy, K. Omkar reddy	ANVESAK	2020	0378-4568
51	Transformer Insulation Degradation Studies by Dissolved Gas Analysis	Dr. T. Mariprasath, Sri T. Kishore Kumar, Sri P. Durga Prasad and Kum. A. Jyothirmayi	Test Engineering & Management	2020	0193-4120
52	Autonomous Load Sharing Technique in Solar Photovoltaic System based DC Microgrid	Dr. T. Mariprasath, Sri S. Khader vali, Sri C. Harsha Vardhan Reddy and Dr. K. Amaresh	International Journal of Ambient Energy	2020	0143-0750

53	Condition and Monitoring of Distribution Transformer using Thermal Imager	Dr. T. Mariprasath, Sri K. Rama Mohan Reddy, Sri N. Sidhik and Sri K. kalyan Kumar	Test Engineering & Management	2020	0193-4120
54	Robust Cooperative Control in Multiarea System using Differential Game Theory under Weak Grid Condition	S. Khadarvali	ARPJ Journal of Engineering and Applied Sciences	2019	1819-6608
55	Modeling and Control of Voltage Controlled DSTATCOM in Low Voltage Distribution Grids	R. Jaya Lakshmi and Dr. K. Amaresh	IJR	2019	2236-6124
56	Power Quality Improvements in Grid connected PV systems using Novel	K. Kalyan Kumar, T. Kishore Kumar	IJRTE	2019	2277-3868
57	POWER QUALITY IMPROVEMENTS IN GRID CONNECTED PV SYSTEMS USING NOVEL	K. Kalyan Kumar, T. Kishore Kumar, N. Siddhik	IJRTE	2019	2277-3868
58	Experimental Analysis of new charge controller for solar PV Systems	Shaik Kahadar Vali, C. Harsha Vardhan Reddy, C.N.Arptha	ICASET	2019	0193-4120

59	Robust Cooperative Control in Multi Area Power System Using Differential Game theory Under Weak Grid Condition	S. Khadarvali, Dr.V.Madhusudhan, Dr.R.Kiranmayi	ARNP Journal of Engineering and Applied Sciences	2019	1819-6608
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