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## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

### JOURNAL PUBLICATIONS

ACADEMIC YEAR 2022-2023

S.NO	AUTHOR NAME	PAPER TITLE	JOURNAL NAME	INDEXED (UGC CARE/ SCOPUS/ WOS)	LINK
1.	Dr.S.SELVI, et.,al.,	Detection and Segmentation of Meningioma Brain tumors in MRI brain images using curvelet transform and ANFIS	International Journal of Electrical and Electronics Research	SCOPUS	<a href="https://www.scopus.com/authid/detail.uri?authorId=56585603500">https://www.scopus.com/authid/detail.uri?authorId=56585603500</a>
2.	Dr.S.SELVI, et.,al.,	Naïve Bayesian Classification Based Glioma Brain Tumor Segmentation Using Grey Level Co-occurrence Matrix Method	International Journal on Recent and Innovation Trends in Computing and Communication	SCOPUS	<a href="https://www.scopus.com/authid/detail.uri?authorId=56585603500">https://www.scopus.com/authid/detail.uri?authorId=56585603500</a>



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3.	Dr.D.SILAS STEPHEN, et.,al.,	Power flow study of a power system with distributed generators	Neuro Quantology	SCOPUS	<a href="https://www.neuroquantology.com/open-access/Power+flow+study+of+a+power+system+with++distributed+generators_7965/">https://www.neuroquantology.com/open-access/Power+flow+study+of+a+power+system+with++distributed+generators_7965/</a>
4.	Dr.S.DEEPA, et.,al.,	DEVELOPMENT OF AN EMBEDDED SAFETY SYSTEM FOR AN ELECTRIC VEHICLE	Journal of Pharmaceutical Negative Results	SCOPUS	<a href="https://www.scopus.com/authid/detail.uri?authorId=6603408219">https://www.scopus.com/authid/detail.uri?authorId=6603408219</a>
5.	Dr.S.DEEPA, et.,al.,	Development of Energy Management System for Micro Grid Operation	Computer Systems Science & Engineering.	SCOPUS	<a href="https://www.scopus.com/authid/detail.uri?authorId=6603408219">https://www.scopus.com/authid/detail.uri?authorId=6603408219</a>
6.	Dr.B.MUTHURAJ, et.,al.,	Parameters' Optimization in Compressed Air Pressure Process Using Hybrid Fmin-GA-Based PID and Fractional Order Internal Model Controller	IETE Journal of Research	WOS	<a href="https://www.scopus.com/authid/detail.uri?authorId=56975506100">https://www.scopus.com/authid/detail.uri?authorId=56975506100</a>



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7.	Dr.B.MUTHURAJ, et.,al.,	Analysis of power optimization and enhanced routing protocols for wireless sensor networks	Measurement: Sensors	WOS	<a href="https://www.scopus.com/authid/detail.uri?authorId=56975506100">https://www.scopus.com/authid/detail.uri?authorId=56975506100</a>
8.	Dr.B.MUTHURAJ, et.,al.,	Deep Learning-Based Smart Hybrid Solar Water Heater Erection Model to Extract Maximum Energy	International Journal of Photoenergy	WOS	<a href="https://www.scopus.com/authid/detail.uri?authorId=56975506100">https://www.scopus.com/authid/detail.uri?authorId=56975506100</a>
9.	Dr.B.MUTHURAJ, et.,al.,	An IOT Innovation of Smart Solar Energy Consumption Analysis and Control in Micro Grid	International Journal of Photoenergy	SCOPUS	<a href="https://www.scopus.com/authid/detail.uri?authorId=56975506100">https://www.scopus.com/authid/detail.uri?authorId=56975506100</a>
10.	Dr.B.MUTHURAJ, et.,al.,	Experimental Investigation on Incorporation of Zinc-Ferrite Nanocoated Baffles for Improving the Performance of Field Power Electrical Transformer Integrated with a Solar Air Heater	Advances in Material Science and Engineering	SCOPUS	<a href="https://www.scopus.com/authid/detail.uri?authorId=56975506100">https://www.scopus.com/authid/detail.uri?authorId=56975506100</a>
11.	Dr.A.SIVAKUMAR, et.,al.,	Analyzing thermal performance of a solar PV using a nanofluid	Materials Today: Proceedings	SCOPUS	<a href="https://www.scopus.com/authid/detail.uri?authorId=57784786600">https://www.scopus.com/authid/detail.uri?authorId=57784786600</a>



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12.	Dr.A.SIVAKUMAR, et.,al.,	Study on the performance of a flat plate solar water heater using a hybrid nanofluid	Materials Today: Proceedings	SCOPUS	<a href="https://www.scopus.com/authid/detail.uri?authorId=57784786600">https://www.scopus.com/authid/detail.uri?authorId=57784786600</a>
13.	Dr.A.SIVAKUMAR, et.,al.,	An Experimental and Investigation on Asymmetric Modular Multilevel Inverter an Approach with Reduced Number of Semiconductor Devices	Journal of Electrical Systems	WOS	<a href="https://www.scopus.com/authid/detail.uri?authorId=57784786600">https://www.scopus.com/authid/detail.uri?authorId=57784786600</a>
14.	Dr.A.SIVAKUMAR, et.,al.,	An Investigation on the Activation Energy and Thermal Degradation of Biocomposites of Jute/Bagasse/Coir/Nano TiO <sub>2</sub> /Epoxy-Reinforced Polyaramid Fibers	Journal of Nanomaterials	SCOPUS	<a href="https://www.scopus.com/authid/detail.uri?authorId=57784786600">https://www.scopus.com/authid/detail.uri?authorId=57784786600</a>
15.	Dr.A.SIVAKUMAR, et.,al.,	Mitigation of supply current harmonics in fuzzy-logic based 3-phase induction motor	International Journal of Power Electronics and Drive Systems	SCOPUS	<a href="https://www.scopus.com/authid/detail.uri?authorId=57784786600">https://www.scopus.com/authid/detail.uri?authorId=57784786600</a>



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16.	Dr HARIRAMAKRISHN AN P, et.,al.,	A Deep Learning-Based Approach to Optimize Power Systems with Hybrid Renewable Energy Sources	Electric Power Components and Systems	WOS	<a href="https://www.scopus.com/authid/detail.uri?authorId=57208635674">https://www.scopus.com/authid/detail.uri?authorId=57208635674</a>
17.	Dr HARIRAMAKRISHN AN P, et.,al.,	Deep Learning for an Innovative Photo Energy Model to Estimate the Energy Distribution in Smart Apartments	International Journal of Photoenergy	SCOPUS	<a href="https://www.scopus.com/authid/detail.uri?authorId=57208635674">https://www.scopus.com/authid/detail.uri?authorId=57208635674</a>
18.	Mrs.G.MerlinSuba, et.,al.,	Modelling and Analysis of Non-Ideal Two stage Lift Luo Converter with Positive Output	International Journal of Electrical and Electronics Research (IJEER)	SCOPUS	<a href="https://www.scopus.com/authid/detail.uri?authorId=56893868900">https://www.scopus.com/authid/detail.uri?authorId=56893868900</a>
19.	Mrs.G.MerlinSuba, et.,al.,	A Novel Approach for Integrated Shortest Path Finding Algorithm (ISPSA) Using Mesh Topologies and Networks-on-Chip (NOC)	International Journal on Recent and Innovation Trends in Computing and Communication	SCOPUS	<a href="https://www.scopus.com/authid/detail.uri?authorId=56893868900">https://www.scopus.com/authid/detail.uri?authorId=56893868900</a>



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20.	Mr.V.Devaraj, et.,al.,	Isolated and Grid-Connected Hybrid Microgrid Model Frequency Stabilization by Novel Salp-Swarm Optimization Algorithm	SSRG International Journal of Electrical and Electronics Engineering	SCOPUS	<a href="https://www.scopus.com/authid/detail.uri?authorId=57961628600">https://www.scopus.com/authid/detail.uri?authorId=57961628600</a>
21.	Mr.N.Karthikeyan, et.,al.,	A Hybrid BCMPO Technique for Optimal Scheduling of Electric Vehicle Aggregators Under Market Price Uncertainty	IETE Journal of Research	SCOPUS	<a href="https://www.scopus.com/authid/detail.uri?authorId=58131628700">https://www.scopus.com/authid/detail.uri?authorId=58131628700</a>
22.	Mr.N.Karthikeyan, et.,al.,	Investigation of bidirectional converter utilizing battery energy storage for an isolated load system	International Journal of Power Electronics and Drive Systems	SCOPUS	<a href="https://www.scopus.com/authid/detail.uri?authorId=58131628700">https://www.scopus.com/authid/detail.uri?authorId=58131628700</a>



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23.	Mr.K.P DINAKARAN, et.,al.,	Experimental investigation on microhardness, surface roughness, and white layer thickness of dry EDM	Engineering Research Express	SCOPUS	<a href="https://www.scopus.com/authid/detail.uri?authorId=58175436400">https://www.scopus.com/authid/detail.uri?authorId=58175436400</a>
24.	Mrs.A.KALAIMANI, et.,al.,	Systematically efficiency enabled energy usage method for IOT based WSN environment	Measurement Sensors	SCOPUS	<a href="https://www.sciencedirect.com/science/article/pii/S2665917422002495">https://www.sciencedirect.com/science/article/pii/S2665917422002495</a>
25.	Dr.LAVANYA DHANESH, et.,al.,	A Novel Approach for Intrusion Detection System Using Equalized Multi-Routing Protocol in MANET	International journal of Intelligent System and Application in Engineering	SCOPUS	<a href="https://www.scopus.com/authid/detail.uri?authorId=56595199100">https://www.scopus.com/authid/detail.uri?authorId=56595199100</a>
26.	Vijaya Saraswathi et.al.,	Design and Development of an Intelligent Energy Management System for a Smart Grid to Enhance the Power Quality	Energy Engineering:	SCOPUS	<a href="https://www.techscience.com/energy/v120n8/52968">https://www.techscience.com/energy/v120n8/52968</a>



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27.	P. S. Ramaprabha et.,al.,	MAC-Based Secure Data Transmission in Vehicular Ad hoc Networks	Lecture Notes on Data Engineering and Communications Technologies	SCOPUS	<a href="https://www.scopus.com/authid/detail.uri?authorId=55353551600">https://www.scopus.com/authid/detail.uri?authorId=55353551600</a>
28.	R.DHARMA PRAKASH, et.,al.,	Simulation Model of PV System Function in Stand-Alone Mode for Grid Blackout Area	International Journal of Photo energy	SCOPUS	<a href="https://onlinelibrary.wiley.com/doi/10.1155/2022/6202802">https://onlinelibrary.wiley.com/doi/10.1155/2022/6202802</a>
29.	LAVANYA DHANESH, et.,al.,	Design and Implementation of a Floating PV Model to Analyse the Power Generation	International Journal of Photoenergy	SCOPUS	<a href="https://onlinelibrary.wiley.com/doi/10.1155/2022/3891881">https://onlinelibrary.wiley.com/doi/10.1155/2022/3891881</a>
30.	Devaraj, et., al.,	An Elite LOA-TFWO Approach for Load-Frequency Control of Islanded Micro-Grids Incorporating Renewable Sources	International Journal of Engineering Trends and Technology,	SCOPUS	<a href="https://www.scopus.com/authid/detail.uri?authorId=57961628600">https://www.scopus.com/authid/detail.uri?authorId=57961628600</a>





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31.	Silas Stephen, et.,al.,	A Study on the Impact of DC Appliances and Direct DC Power System in India	Lecture notes on Electrical Engineering	SCOPUS	<a href="https://link.springer.com/chapter/10.1007/978-981-19-2281-7_9">https://link.springer.com/chapter/10.1007/978-981-19-2281-7_9</a>
32.	Silas Stephen, et.,al.,	Power flow study of a power system with distributed generators	Neuro Quantology	SCOPUS	<a href="https://www.neuroquantology.com/open-access/Power+flow+study+of+a+power+system+with++distributed+generators_7965/?download=true">https://www.neuroquantology.com/open-access/Power+flow+study+of+a+power+system+with++distributed+generators_7965/?download=true</a>
33.	Ponkumar, G., et.al.,	Advanced Machine Learning Techniques for Accurate Very-Short-Term Wind Power Forecasting in Wind Energy Systems Using Historical Data Analysis	Energies	SCOPUS	<a href="https://www.mdpi.com/1996-1073/16/14/5459">https://www.mdpi.com/1996-1073/16/14/5459</a>