

ACADEMIC YEAR 2023-2024

Publications details

S.No	Author Name	Title of the Paper	Name of the Journal / Conference	Volume No, Issue No Month & Year	Indexing	Online Link of the paper
1.	Dr. K.Mohana Sundaram	Adaptive Controller for Bridgeless New SEPIC Integrated Landsman Converter for PFC in Induction Motor	Electric Power Components and Systems	Volume 51, July 2023	SCIE	https://www.tandfonline.com/doi/full/10.1080/15325008.2023.2228786?scroll=top&needAccess=true&role=tab
2.	Dr. P. Pandiyan	Technological advancements toward smart energy management in smart cities	Energy Reports	Volume 10, Novmber2 023	SCIE	https://doi.org/10.1016/j.egy r.2023.07.021
3.	Dr. P. Pandiyan	A deep convolution neural network model based on feature concatenation approach for classification of tomato leaf disease	Multimedia Tools and Applications	August 2023	SCIE	https://link.springer.com/article/10.1007/s11042-023-16347-0
4.	Dr.A. Karthick	Partial Discharge based Recognition of Water Droplets Location in High Voltage Insulator using Convolutional Neural Network–Bacterial Foraging Algorithm based Optimized Machine	Measurement -Elsevier	Volume 221, September 2023	SCIE	https://www.sciencedirect.com/science/article/pii/S0263224123010916

5.	Dr.C.Dinesh	Detection of Diabetes through Microarray Genes with Enhancement of Classifiers Performance	Diagnostics	Volume 13, August 2023	SCIE	https://www.mdpi.com/2075-4418/13/16/2654#:~:text=The%20analysis%20involved%20520%20participants,%2C%20and%20SVM%20models%2C%20respectively.
6.	Dr.K. Mohana Sundaram	Multiple Sensor based Human Detection Robots: A Review	International Journal on Smart Sensing and Intelligent Systems	Volume 16, Jan 2023	SCI	https://doi.org/10.2478/ijssis-2023-0009
7.	Dr.A. Karthick	Experimental Analysis and Optimization of Abrasive Waterjet Deep Hole Drilling Process Parameters for SS AISI 316L	Journal of Materials Research and Technology	Volume 26, October 2023	SCIE	https://www.sciencedirect.com/science/article/pii/S2238785423021701
8.	Dr.V.S.Chanrika	Performance Analysis of a Seven-Level Multilevel Inverter in Grid-Connected Systems	SSRG International Journal of Electronics and Communication Engineering	Volume 10, June 2023	SCOPUS	https://www.internationaljournalsssrg.org/IJEEE/paper-details?Id=507
9.	Dr.A. Karthick	Short-Term Forecasting of Electric Vehicle Load Using Time Series, Machine Learning, and Deep Learning Techniques	World Electric Vehicle journal	Volume 14, September 2023	WoS	https://www.mdpi.com/2032-6653/14/9/266
10.	Dr.A. Karthick	Review of Challenges and Opportunities in the Integration of Electric Vehicles to the Grid	World Electric Vehicle journal	Volume 14, September 2023	SCI	https://doi.org/10.3390/wevj14090259
11.	Dr.P.Ravikumar	Education Physiology Influence of Teacher Innovative Behaviour on Student's Academic Self-Efficacy and Intrinsic Goal Orientation	Journal for ReAttach Therapy and Developmental Diversities	Volume 6, September 2023	SCOPUS	https://www.jrtdd.com/index.php/journal/article/view/1337

12.	Dr. K.Mohana Sundaram	Performance analysis on single slope solar still with absorber coated using iron oxide nanoparticles at different water thickness	Solar Energy	Volume 264, October 2023	SCOPUS	https://www.sciencedirect.com/science/article/abs/pii/S0038092X2300717X
13.	Dr.C.Dinesh	Enhancement of Classifier Performance Using Swarm Intelligence in Detection of Diabetes from Pancreatic Microarray Gene Data	Biomimetics	Volume 08, October 2023	SCOPUS	https://www.mdpi.com/2313-7673/8/6/503
14.	Dr. Rangu Seshu Kumar	An effective energy management system for intensified grid-connected microgrids	Energy Strategy Reviews	Volume 50, October 2023	SCOPUS	https://www.sciencedirect.com/science/article/pii/S2211467X23001724
15.	Dr. Rangu Seshu Kumar	Seven level Switched Capacitor Multilevel Boost inverter for Renewable Energy Sources	2023 International Conference on Advances in Electronics, Communication, Computing and Intelligent Information Systems (ICAECIS), 19-21 April 2023	-	Scopus	https://doi.org/10.1109/ICAECIS58353.2023.10170409
16.	Dr. V. S. Chandrika	Efficient Integration of Photovoltaic Cells with Multiport Converter for Enhanced Energy Harvesting	2023 5th International Conference on Inventive Research in Computing Applications (ICIRCA)	-	Scopus	10.1109/ICIRCA57980.2023.10220754
17.	Mr.C.Dinesh	Biped robot-based walking on uneven terrain: Stability and zero moment point (ZMP) analysis	AIP Conference Proceedings	Volume 2831, September 2023	Scopus	https://pubs.aip.org/aip/acp/article-abstract/2831/1/020013/2911892/Biped-robot-based-walking-on-uneven-terrain?redirectedFrom=fulltext

18.	Ms.R.Revathi	High gain converter with PSO based MPPT in photovoltaic power generation system	AIP Conference Proceedings	Vol 2764, September 2023	Scopus	https://pubs.aip.org/aip/acp/article-abstract/2764/1/060019/2911068/High-gain-converter-with-PSO-based-MPPT-in?redirectedFrom=fulltext
19.	Dr. V. S. Chandrika	Enhanced Design and Performance Analysis of a Seven-Level Multilevel Inverter for High-Power Applications	2023 Second International Conference on Augmented Intelligence and Sustainable Systems (ICAISS) Vol , I , B 1862-E 1868	-	Scopus	https://ieeexplore.ieee.org/abstract/document/10250516
20.	Dr.P.Naveen	A Comprehensive Review on Analysing of Brain Signals Using Different Clustering Methods	2023 4th International Conference on Smart Electronics and Communication (ICOSEC)	-	-	https://ieeexplore.ieee.org/abstract/document/10275953
21.	Mr.V. Kamalkumar	Design and Development of Low Power and Area Efficient Design for VLSI Circuits	2023 4th International Conference on Smart Electronics and Communication (ICOSEC)	-	-	https://ieeexplore.ieee.org/abstract/document/10276181