ACADEMIC YEAR 2023-2024

Publications details-Conferences

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.	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
2.	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)	03-05 August 2023	Scopus	https://ieeexplore.ieee.org/xpl/conhome/10220576/proceeding
3.	DINESH C	Biped robot-based walking on uneven terrain: Stability and zero moment point (ZMP) analysis	AIP Conference Proceedings	Vol 2831, Issue 1	Scopus	https://pubs.aip.org/aip/acp/article-abstract/2831/1/020013/2911892/Biped-robot-based-walking-on-uneven-terrain?redirectedFrom=fulltext
4.	REVATHI R	High gain converter with PSO based MPPT in photovoltaic power generation system	AIP Conference Proceedings	Vol 2764, Issue 1	Scopus	https://pubs.aip.org/aip/acp/article-abstract/2764/1/060019/2911068/High-gain-converter-with-PSO-based-MPPT-in?redirectedFrom=fulltext

5.	CHANDRIKA V S	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)	pp. 1862–1868	Scopus	https://ieeexplore.ieee.org/abstract/document/10250516
6.	KAMALKUMAR V	Design and Development of Low Power and Area Efficient Design for VLSI Circuits	2023 4th International Conference on Smart Electronics and Communication (ICOSEC)	pp. 108–111	Scopus	https://ieeexplore.ieee.org/abstract/document/10276181
7.	SESHU KUMAR RANGU, CHANDRIKA VS	Monitoring and controlling of Solar Driven Real Time Smart Energy Management System Integrated with IoT Devices	2023 Second International Conference on Trends in Electrical, Electronics, and Computer Engineering (TEECCON)	pp. 347–352	Scopus	https://ieeexplore.ieee.org/document/10335856
8.	MOHANA SUNDARAM K, CHANDRIKA V S	Controller based SEPIC converter fuzzy for wind renewable energy system	International Conference on Signal Processing & Communication Engineering Systems: SPACES-2021	2512, 020100 (2024)	Scopus	https://pubs.aip.org/aip/acp/article-abstract/2512/1/020100/3052380/Controller-based-SEPIC-converter-fuzzy-for-wind?redirectedFrom=fulltext
9.	KAMALKUMAR V	Efficient Power Conversion in Single-Phase Grid-Connected PV Systems through a Nine-Level Inverter	2023 Second International Conference on Trends in Electrical, Electronics, and Computer Engineering (TEECCON)	23-24 August 2023	Scopus	https://ieeexplore.ieee.org/document/10335776
10.	REVATHI R	Automated Energy Monitoring System for Smart grids and Microgrids	2023 Global Conference on Information Technologies and Communications (GCITC)	01-03 December 2023	Scopus	https://ieeexplore.ieee.org/document/10425895
11.	SESHU KUMAR RANGU	Intelligent Battery Management System Integrated with Solar PV for Residential Applications	2024 Second International Conference on Smart Technologies for Power and Renewable Energy (SPECon)	02-04 April 2024	Scopus	https://ieeexplore.ieee.org/document/10537311
12.	A KARTHICK	Passive Cooling Method for Photovoltaic Panel	2023 7th International Conference on Electronics, Communication and Aerospace Technology (ICECA)	22-24 November 2023	Scopus	https://ieeexplore.ieee.org/document/10395810

13.	SARAVANAN G, PAZHANIMUTHU C, MOHAMED IBRAHIM A, VIGNESH C J	Implementation of Logistic Map Approaches in a Differential Evolutionary Algorithm for an Electric Vehicles	2023 International Conference on Intelligent Technologies for Sustainable Electric and Communications Systems (iTech SECOM)	18-19 December 2023	Scopus	https://ieeexplore.ieee.org/abstract/document/10435358/authors#authors

HoD/EEE