

Papers published/presented by students

Sr. No.	Name of Student	Name of Journal / Conference	Title of Paper	Duration	Recognition / Award
1	Ujwal Jibhkate,	Electrochimica Acta ISSN No.: 0013-4686 Volume 429 https://doi.org/10.1016/j.electacta.2022.140944	Development of Low Complexity Open Circuit Voltage Model for State of Charge Estimation with Novel Curve Modification Technique	2022-23	SCI Journal
2	Mandar Mohite	Theoretical and experimental investigations on the performance of passive cooling arrangement for solar photovoltaic module.	Journal of the Brazilian Society of Mechanical Sciences and Engineering (2023) 45:32	2023	SCI Journal
3	Shraddha Meshram	IEEE, A second international Conference on Power, Control and computing technologies ICPC2T, NIT Raipur	Review of Hydrogen Fuel Cell as an emergent field in green technology	01st -03 rd March 2022	Best Paper Award
4	Shouvik Dey				
5	Piyush Ambekar,	Comparative Analysis of MPPT Techniques for Grid connected Three Phase Solar PV system.	Journal of East China University of Science and echnology, ISSN: 1006-3080,doi:10.5281/ zenodo.7254034, vol.65 issue. 4, 2022	2022	-----
6	Sahil Singh				
7	Aniket Lanjewar	Springer- 8th International Conference on Advances in Energy research (ICAER-2022) held at Indian Institute of Technology (IIT) Mumbai	Interface Design and Performance Analysis of Proton Exchange Membrane Fuel Cell using Python	7-9 July 2022	Scopus Indexed Journal
8	Siddhi Chauhan				
9	Ujwal Jibhkate,	Springer- 8th International Conference on Advances in Energy research (ICAER-2022) held at Indian Institute of Technology (IIT) Mumbai	Development of Integrated Setup for SOC-SOH estimation of Lithium Ion battery	7-9 July 2022	Scopus Indexed Journal
10	Deepti Sinha	International Conference on Computing, Electrical and Electronics Engineering (IC2E3-2023), NIT Uttarakhand	Revolutionizing rural electrification with PV Integrated energy storage system: The DC House Solution	8th -9th June 2023	
11	Purva Virulkar				
12	Omhari Shrivastava	International Conference on Computing, Electrical and Electronics Engineering (IC2E3-2023), NIT Uttarakhand	Design and Evaluation of Hydrogen Based Fuel Cell as a Green Energy Source	8th -9th June 2023	
13	Mohit Nagpure				
14	Vedant Ajane	International Conference on Power Engineering and Intelligent Systems (PEIS2023) Organized by NIT, Delhi.	State of Charge estimation of Li-Ion Battery using Random Forest Regression Model with modified Parameters for Multiple Cycles	24 th – 25 th June 2023	
15	Devesh Mishra				
16	Tejas B. Sawai	5th International Conference on	Bearing Fault Detection in	16 th – 17 th June 2023	

17	Suryakant Mudke	Energy, Power and Environment: Towards Flexible Green Energy Technologies (ICEPE), NIT Meghalaya	Induction Motor using Ensemble Learning		
18	Siddhi Chauhan	5th International Conference on Energy, Power and Environment: Towards Flexible Green Energy Technologies (ICEPE), NIT Meghalaya	Power Converter Design for Fuel Cell Applications	16 th – 17 th June 2023	
19	Aniket Lanjewar				
20	Shraddha Meshram	Power Electronics Drives-II, 2nd IEEE International Conference on Emerging Frontiers in Electrical and Electronics Technologies (ICEFEET 2022), NIT Patna	Static PEMFC Model Simulation to Demonstrate the Working with Converter	24th-25th June 2022	
21	Shouvik Dey				
22	Tanu Gupta	4th International Conference on Electronic Systems, Signal Processing and Computing Technologies (ICESC-2022) at RCOEM, Nagpur	Modelling and Simulation of BLDC Electric Drive System for Hydrogen Powered E-Ricksaw	20-21 Dec. 2022	
23	Om Hari				
24	Ritesh Jaiswal				
25	Mohit Nagpure				
26	Shraddha Meshram	International Conference on Innovation in Engineering, Science and Management (ICIESM-2022), Wainganga College of Engineering and Management, Nagpur	Simulation of static PEM fuel cell Model to Aggrandize use of Renewable Energy	28th Feb'2022 to 01st March 2022	
27	Shouvik Dey				