



Conference Publication during the AY 2023-2024

Sl. No.	Name of the author	Title of the paper	Name of the conference	National / International	Year of publication	ISBN/ISSN number of the proceeding	Name of the publisher
1	Hemasunder B, Pradeep Chavan, Nilabh Dish	Study on The Significance of Process Parameters in Improvising the Tensile Strength of FDM Printed Carbon Fibre Reinforced PLA	International Conference on Applied Mathematics, Modeling and Simulation in Engineering (AMSE) , India (Virtual)	International	2023-2024	22147853	ELSEVIER
2	Hemasunder B, Pradeep Chavan, Nilabh Dish	CFD and Thermal Analysis of Radiator using Magnesium Oxide and Silver Nano fluids	Journal of Physics: Conference Series, Volume 2089, Issue 1, id.012001, 7 pp.	International	2023-2024	17426588	ELSEVIER
3	Guttikonda Manohar	Mechanical characterization and parametric optimization of stir cast AA6063-Borosilicate glass powder composites	2ND INTERNATIONAL CONFERENCE ON ADVANCED EARTH SCIENCE AND FOUNDATION ENGINEERING (ICASF 2023): Advanced Earth Science and Foundation Engineering	International	2023-2024	9780735448384	AIP
4	Sri Lakshmi	Prosumer Centric Strategy for Utilization of EV in Microgrid	024 IEEE 4th International Conference on Sustainable Energy and Future Electric Transportation (SEFET)	International	2023-2024	979-8-3503-8400-0	IEEE
5	Kadiri Thirupal Reddy	DevOps Life Cycle Implementation on Real Life Scenarios	2024 International Conference on Knowledge Engineering and Communication Systems (ICKECS)	International	2023-2024	979-8-3503-5969-5	IEEE

6	Papiya Dutta	Anomaly Detection in Conventional Meters and Electricity Consumption Using Optimized Extreme Gradient Boosting	3rd IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics, ICDCECE2024	International	2023-2024	979-8-3503-1861-6	IEEE
7	Satyabrata Singha	IoT in Health Sector: An optical sensor for detection of tuberculosis in suspected patients' blood sample	2023 IEEE Globecom Workshops, GC Wkshps	International	2023-2024	979-8-3503-7022-5	IEEE
8	Shubhrajyoti Kundu	An Analysis of Frequency Response in Integrated Power System Using Power Electronics Controller Tuned with Whale Optimization Technique	2024 Third International Conference on Smart Technologies and Systems for Next Generation Computing (ICSTSN) Electronic	International	2023-2024	979-8-3503-9156-5	IEEE
9	Shubhrajyoti Kundu	S-Estimator based Linear Robust Static State Estimation of Power Systems Considering Uncertain Noise Characteristics	Third International Symposium on Sustainable Energy and Technological advancements Online	International	2023-2024	978-981-97-6976-6	IEEE
10	Dr. Chandralekha M	Neural networks in electrical power distribution systems (accepted for publication in IEEE Xplorer)	Global Conference on Communications and Information Technologies (GCCIT)	International	2023-2024	979-8-3503-8891-6	IEEE
11	Subhadip Goswami	A novel approach for detecting islanding Detection scheme in PV Grid Tied System By Scalogram Image Based	2024 IEEE 1st International Conference on Green Industrial Electronics and Sustainable Technologies	International	2023-2024	NA	IEEE
12	Subhadip Goswami	A Novel Approach for Detecting Islanding Using Machine Learning Technique	IEEE SILCON 2024	International	2023-2024	NA	IEEE


13	Dr. Ankur Saxena	A Novel FEM Methodology to Optimize Microfluidic Pressure in 2D Microchannel for Biomedical Device	4th International E-Conference on Mechanical and Material Science Engineering: Innovation and Research	International	2023-2024	1660-6795	Scopus
14	Dr. Ankur Saxena	Innovations in Patient Safety: A Novel Approach with Smart Ventilator Sockets	4th International E-Conference on Mechanical and Material Science Engineering: Innovation and Research	International	2023-2024	2321-2810	Scopus
15	Dr. Ankur Saxena	Intelligent Computing Methods for Healthcare Blood Cell Analytics	4th International E-Conference on Mechanical and Material Science Engineering: Innovation and Research	International	2023-2024	1660-6795	Scopus
16	Dr. Ankur Saxena	A Novel Drone Technology for Agricultural Crop Protection	4th International E-Conference on Mechanical and Material Science Engineering: Innovation and Research	International	2023-2024	1551-7616	Scopus
17	Dr. Ankur Saxena	Design and Development of IoT-Based Sensor for Protection of EV Battery	4th International E-Conference on Mechanical and Material Science Engineering: Innovation and Research	International	2023-2024	1551-7616	Scopus
18	Dr Papiya Dutta	Firefly and Aquila Optimization Based Clustering and Routing in IoT Assisted Wireless Sensor Network	2024 Second International Conference on Networks, Multimedia and Information Technology (NMITCON)	International	2023-2024	979-8-3503-7289-2	IEEE Xplore
19	Dr Papiya Dutta	Hyperparameter Tuning of Deep Convolutional Neural Network for Hand Gesture Recognition	2024 Second International Conference on Networks, Multimedia and Information Technology (NMITCON)	International	2023-2024	979-8-3503-7289-2	IEEE Xplore
20	Dr. Satyabrata Singha	Enhancing PAM-4 Modulation with Zigzag Constellation and Variable Extinction Ratios Using Microring Modulators	International Conference on Sustainable Science and Technology for Tomorrow (SciTech-24)	International	2023-2024	NA	Tripura University

21	Dr. Subhajit Aich	Numerical Modeling on effect of biomass blending with a high ash Indian Coal	NCWECCUS - 2023	International	2023-2024	NA	NIT Rourkela
22	Mr. Hemasunder B	Study on The Significance of Process Parameters in Improvising the Tensile Strength of FDM Printed Carbon Fibre Reinforced PLA	Materials Today: Proceedings / ELESVIER	International	2023-2024	2214-7853	ELSEVIER
23	Mr. Hemasunder B	CFD and Thermal Analysis of Radiator using Magnesium Oxide and Silver Nano fluids	Materials Today: Proceedings/ ELESVIER	International	2023-2024	2214-7853	ELSEVIER
24	Mr. Hemasunder B	State of art on FEM approach in inverse heat transfer problems for different materials	Materials Today: Proceedings	International	2023-2024	2214-7853	ELSEVIER
25	Mr. Pradeep Chavan	CFD Analysis on BS VI Exhaust System of Two Wheele	Nano World Journal	International	2023-2024	S287-S291	ELSEVIER
26	Mr. Pradeep Chavan	Study on The Significance of Process Parameters in Improvising the Tensile Strength of FDM Printed Carbon Fibre Reinforced PLA	Materials Today: Proceedings/ ELESVIER	International	2023-2024	2214-7853	ELSEVIER
27	Mr. Pradeep Chavan	CFD and Thermal Analysis of Radiator using Magnesium Oxide and Silver Nano fluids	Materials Today: Proceedings/ ELESVIER	International	2023-2024	2214-7853	ELSEVIER

28	Dr. Nilabh Dish	CFD Analysis on BS VI Exhaust System of Two Wheele	Nano World Journal	International	2023-2024	S287-S291	ELSEVIER
29	Dr. Nilabh Dish	Study on The Significance of Process Parameters in Improvising the Tensile Strength of FDM Printed Carbon Fibre Reinforced PLA	Materials Today: Proceedings/ ELESVIER	International	2023-2024	2214-7853	ELSEVIER
30	Dr. Nilabh Dish	CFD and Thermal Analysis of Radiator using Magnesium Oxide and Silver Nano fluids	Materials Today: Proceedings/ ELESVIER	International	2023-2024	2214-7853	ELSEVIER
31	Dr. N. Srihari Rao	A Study on Security Issues Related to Distributed Denial-of-Service (DDoS) Attacks on Computer Systems	1st International Conference on Recent Trends in Engineering & Management Science	International	2023-2024	NA	Andhra Layola Engineering College, Vijayawada
32	Dr. N. Srihari Rao	ONLINE AUTONOMOUS LEARNING OF UNIVERSITY PROGRAMMING COURSES BY UNDERGRADUATE STUDENTS	International Conference on Recent Innovations in Engineering and Technology	International	2023-2024	NA	SAI SPURTHI INSTITUTE OF TECHNOLOGY
33	Shubhrajyoti Kundu	G-M Estimator Based Linear Robust Static State Estimation of Power Systems Considering Uncertain Noise Characteristics	CISTEE 2023 SPRINGER	International	2023-2024	1876-1119	NIT Durgapur

34	TAWSEEF AHMAD	USING MACHINE LEARNING TO PREDICT MENTAL HEALTH TRENDS POST COVID-19 PANDEMIC IN CONFLICT SETTINGS	ICGPMSS	International	2023-2024	978-625-367-078--8	TRNC
35	Manohar Gosul	BREAKING BARRIERS: CHATGPT AS A CATALYST FOR MENTAL HEALTH EDUCATION IN CONFLICT ZONES	IAC	International	2023-2024	978-625-367-656-8	IKSAD
36	Dr. Satyabrata Singha	In-situ Microring Resonator-based Optical Sensor for Detection of Honey Adulterants	ICMS-2024	International	2023-2024	NA	Tripura University
37	Papiya Dutta	Firefly and Aquila Optimization Based Clustering and Routing inIoT Assisted Wireless Sensor Network	NMITCON	International	2023-2024	979-8-3503-7289-2	IEEE
38	P Yanna Reddy	Simulation of Battery Driven Electric Vehicle with RegenerativeBraking	ICCPCT	International	2023-2024	979-8-3503-7281-6	IEEE
39	Shubhrajyoti Kundu	An Analysis of Frequency Response in Integrated Power SystemUsing Power Electronics Controller Tuned With WhaleOptimization Technique	ICSTSN	International	2023-2024	979-8-3503-9156-5	IEEE
40	Hemasunder B	Design and development of a 3D printer and machineprototyping CNC milling machine operation	AIP Conference Proceedings	International	2023-2024	1551-7616	AIP

41	Vivek Dubey	A Deep Convolutional Kernel Neural Network based Approach for Stock Market Prediction using Social Media Data	ICICCS	International	2023-2024	2768-5330	IEEE
42	Suneev Anil Bansal	Mathematical modeling and reliability analysis for pellet manufacturing unit of a polymer section	Materials Today Proceedings	International	2023-2024	2214-7853	Elsevier
43	Suneev Anil Bansal	Aluminium-graphene metal matrix nanocomposites: Modelling, analysis, and simulation approach to estimate mechanical properties	Materials Today Proceedings	International	2023-2024	2214-7853	Elsevier
44	AK Sahu	Design and Analysis CMOS-Based DRAM Cell Structures for High-Performance Embedded System	Micro and Nanoelectronics Devices, Circuits and Systems	International	2023-2024	978-981-19-2308-1	Springer Nature
45	Suneev Anil Bansal	Effect of graphene size variation on mechanical properties of aluminium graphene nanocomposites: A modeling and	Materials Today Proceedings	International	2023-2024	2214-7853	Elsevier


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