



**International Conference on Science Technology Engineering &  
Maths for Sustainable Development (ICSTEMSD-2023)**  
**16<sup>st</sup> to 17<sup>th</sup> February, 2023**



<b>Paper Presentation Schedule</b>			
<b>Date: 16-02-23</b>	<b>Track: 3: Applied computing &amp; IT</b>	<b>Session: 2 (2 p.m. to 5 p.m.)</b>	<b>Venue: R18 Classroom, 4<sup>th</sup> Floor, Phase I</b>
<b>Paper ID</b>	<b>Title</b>		
3	Object Detection using Python		
5	Crop Yield Prediction And Analysis Using ML And Blockchain		
10	Stock Price Prediction Using Machine Learning		
14	Comparative Analysis of forecasting techniques for it's effectiveness		
15	FACE DETECTION IN COLOR IMAGES USING SKIN COLOR DETECTION AND RGB NORMALIZATION		
18	Spliced Image Forgery Detection using FSM		
36	Smart Healthcare System for Prediction of Fungal- infection, Bacterial, Air-borne, Water-borne and Hormonal Diseases using AI		
56	Saathi - An AI Companion		
57	Anonymous Crime Tipping using Blockchain		
59	A Blockchain based pharmaceutical drug and device auditing system		
76	Ecommerce Data Management		
87	Devanagari Digit and Character Recognition Using Convolutional Neural Network		



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90	Real Time Credit Card Fraud Detection Using Spark 2.2
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**Faculty Coordinator: Prof. Antara Pal**

**Lab Assistant: Arpan Divekar**

<b>Paper Presentation Schedule</b>			
<b>Date: 16-02-23</b>	<b>Track: 7. Humanities and Applied Sciences</b>	<b>Session: 1 (2 p.m. to 5 p.m.)</b>	<b>Venue: Smart Classroom 2, 5<sup>th</sup> Floor, Phase I</b>
<b>Paper ID</b>	<b>Title</b>		
19	Neutrinos; Detection, sources and their fluxes.		
28	A study of Mathematical aspect of Google Page Rank Algorithm		
29	The effect of Sleep Length on academic performance of students		
31	Image Compression Using Singular Value Decomposition		
33	Analysis of Co-SoRTS based on assessment module using PBL in Physics		
39	Cluster Decay of even-odd and odd-odd Super Heavy Nuclei		
48	Nonverbal Communication and its Importance at Workplace		
49	Implementation of TPM for Reducing Losses and Increasing Overall Equipment Effectiveness		
50	Library Budget and its methods		



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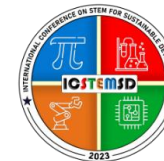
51	Review: Adsorption of toxic metal ions by employing coir pith
63	DISPLACEMENT-AMPLIFYING COMPLAINT MECHANISM FOR SENSOR APPLICATIONS FOR VIBRATION MEASUREMENT IN INDUCTION MOTOR
64	Fabrication and Response Replication of Unstructured and Prestructured MR Elastomer and Elastomer using Steel Net
65	Real Life Applications of Mathematics
69	Organic–Inorganic hybrid coating using silica-sol
74	Modelling the Learners' Behaviors using Classification Algorithms in WEKA Environment
88	Design and implementation of cyber tip off system
93	Impact of lockdown due to COVID-19 on Human life and Environment in India

**Faculty Coordinator: Prof. Neha Pagaria**

**Lab Assistant: Prathamesh Kantulvar**



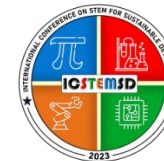
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<b>Paper Presentation Schedule</b>			
<b>Date: 16-02-23</b>	<b>Track: 2, 4 &amp; 5</b> Track 2: communication and networking Track 4: Recent Trends in Electrical Engineering. Track 5: Electronics Technologies	<b>Session: 3 (2 p.m. to 5 p.m.)</b>	<b>Venue: Smart Classroom 1, 5<sup>th</sup> Floor, Phase I</b>
<b>Paper ID</b>	<b>Title</b>		
70	System for Monitoring and Alerting Coal Mine Safety Using IOT		
80	Automatic Attendance Web Server		
81	MAPPING OF KINETIC AND POTENTIAL ENERGIES FOR DIFFERENT RENEWABLE SOURCES		
83	Review and Comparison of Efficiency and Methodology of 3D Scanner		
84	A Review on Grid-connected Solar-Wind Hybrid System for Electrical Application		
4	Automated Greenhouse using Arduino		
27	Exploring the Efficiency and Effectiveness of an Automated Robotic Vacuum Cleaner		
60	Active Suspension Using PID Control with MATLAB		



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62	Review on Smart Appliances Using Various Technologies
79	Safety Monitoring Robot for Coal Mine
85	Dynamic Real Time Cruise Control System (DRT-CCS) with Active Accident Alert using GSM and secured RFID based Ignition System
71	Analysis of the Matched Detector's Performance utilising AWGN and OFDM under Low SNR Region
9	Efficient and Real time communication between Disabled and Normal People
13	Analysis of objective functions for routing protocol for low power lossy networks (RPL)
16	Machine Learning-Based Indoor Localization Using Wi-Fi Fingerprints
17	A Deep Learning-Based PDConv Model for Plant Disease Detection, Classification and Prediction
32	PiGen - A Personal Cloud Storage and File Sharing Platform
58	Gesture Vocalizer (Sign to speech converter glove)
77	A Survey of Mitigation Techniques of Denial-of-Service Attack on Internet of Things

**Faculty Coordinator: Prof. Nidhi Sanghvi**

**Lab Assistant: Snehal Jadhav**



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<b>Paper Presentation Schedule</b>			
<b>Date: 16-02-23</b>	<b>Track: 1 &amp; 6</b> Track 1: Special Track on Sustainable Development Track 6: Advanced research in Science Technology and E-learning	<b>Session: 4 (2 p.m. to 5 p.m.)</b>	<b>Venue: R19 Classroom, 4<sup>th</sup> Floor, Phase I</b>
<b>Paper ID</b>	<b>Title</b>		
6	An Efficient Ridesharing Model using Machine Learning based on Riders		
8	Artificial Nose : Machine Learning model for categorization & identification of spices		
11	Deep Learning Model for Simulating Self Driving Car		
26	SURVEY ON MONKEYPOX DETECTION USING COMPUTER VISION		
40	Migration of Knowledge Base Articles between Salesforce Cloud Instances		
43	Predictive Model for Detecting COPD		
66	Modern Symmetric Key Encryption		
75	Application of Smart Bag Using Arduino		
78	V2X Safety and Security Issues: A Review		
86	Oh, My Baby is Crying !		



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89	Smart Battery Charging For EV.
92	Prediction of Multiple diseases using Machine Learning

**Faculty Coordinator: Prof. Renuka Nagpure**

**Lab Assistant: Hrishikesh Tadiwal**

<b>Paper Presentation Schedule</b>			
<b>Date: 16-02-23</b>	<b>Track: Online</b>	<b>Session: 5 (2 p.m. to 5 p.m.)</b>	<b>Venue: Presentation Hall, 4<sup>th</sup> Floor, Phase I</b>
<b>Paper ID</b>	<b>Title</b>		
73	Emerging Technologies in Electricity Distribution contributing Sustainability		
34	Antimagic Labeling of certain families of digraphs using hooked Skolem sequence		
72	Group Discussion: As an innovative tool to be employable in the professional industry.		
44	Physicists and Computer engineers do commute.		
91	An Overview on the Adoption of Blockchain technology in the trading of Energy		

**Faculty Coordinator: Prof. Amu S.**

**Lab Assistant: Sae Tambat**