



International Conference on "Sustainability & Innovation in Engineering, Technology and Applied Sciences (IC-SIETS-2026)"

(26TH-27TH February '2026)

www.icsiets2026.com

SCHEDULE



Day	Time	Session	Details / Theme	Mode	Affiliation	
DAY -1 - 26TH FEB'2026 OFFLINE						
Day 1 Thursday 26th Feb'2026	8.30 am – 9.30 am	Registration + Break Fast				
	10:00 am – 10:45 am	Inaugural Ceremony	Welcome, Lamp Lighting, Chief Guest Address, Vote of Thanks	Offline	YCCE, Nagpur	
	10:45 am– 11.45 am	Keynote Address I	Dr. Subrato Chakroborty Topic: Reliability Analysis of Structures: Adaptive Machine Learning Approach	Offline	IEST, SHIBPUR	
	12:15 pm – 1. 15 pm	Keynote Address II	Dr. Paulina Faria, Topic: Understanding "Building with earth - from the past to the future".	Virtual Mode	Nova, University of Lisbon	
	12:15 pm - 1.30 pm	Offline Parallel Technical Session 1, 2 Track: Sustainable Civil and Environmental Engineering		Offline Parallel Technical Session 1, 2 Track: Advancements in Computing and Artificial Intelligence in Engineering-Technology and Health Care Sciences		
	1.30 pm -2.30 pm	Lunch Break				
	2.30 pm - 4.30 pm	Offline Parallel Technical Session 3,4 Track: Sustainable Civil and Environmental Engineering				YCCE, Nagpur
	15:30 pm – 15:45 pm	Tea Break				



**International Conference on "Sustainability & Innovation in Engineering,
Technology and Applied Sciences (IC-SIETS-2026)"**

(26TH-27TH February '2026)

www.icsiets2026.com

SCHEDULE



DAY -2 - 27TH FEB'2026 ONLINE						
Day	Time	Session	Details / Theme	Mode	Affiliation	
Day 2 Friday 27th Feb'2026	10:30 am – 11.30 am	Keynote Address III	Dr. Shadab Hussain	Online	Lead Engineer Data & GenAI, Texas. US	
	11:45 am– 1.00 pm	Online Parallel Technical Sessions – Track: Sustainable Civil and Environmental Engineering; Electronics and Telecommunications Engineering; Applied Sciences and Emerging Technologies; Business and Management Innovations; Mechanical and Electrical Engineering Innovations		Online Parallel Technical Sessions – Track: Advancements in Computing and Artificial Intelligence in Engineering-Technology and Health Care Sciences	YCCE, Nagpur	
	1.30 pm - 2.30 pm	Keynote Address IV	Prof. Sudhir Kumar Barai Topic: Understanding Recycled Aggregate Concrete through the Lenses of Machine Learning	Offline	BITS, Pilani	
	2.30 pm -3.30 pm	Valedictory Ceremony		Awards, Feedback, Vote of Thanks		
	3.30 pm onwards	HIGH TEA				

**International Conference on
"Sustainability & Innovation in Engineering, Technology and Applied Sciences
ICSIETS-2026 (26TH-27TH February '2026)
Organised by Department of Civil Engineering,
Yeshwantrao Chavan College of Engineering, Nagpur**

PHYSICAL MODE 26th FEBRUARY'2026 TRACK : Sustainable Civil and Environmental Engineering

VENUE: CE-204 Dept. of Civil Engg. YCCE

Parallel Session -1 12:15 pm to 1.30 pm

TRACK	Parallel Session -1 Co-ordinator	Paper Id	PAPER TITLE	Salut ation	Author name
Sustainable Civil and Environmental Engineering	Dr.S.S.Meshram Contact No.95035527202	39	Sustainable Concrete Development using Ternary Agro-Industrial Waste Blends as Cement Replacement	Mr.	Ayush Chakshupal Bahadure
		47	PARAMETRIC STUDY OF FLY ASH BASED CONCRETE WITH THE INCLUSION OF CARBON NANOTUBES (CNT): A REVIEW	Ms.	Khushi Sainath Chandragade
		59	"Bionanomaterials for Heavy Metal Detoxification by Adsorption Mechanisms"	Mr.	Rohit Pradeeprao Deshmukh
		62	A Review Paper on Optimal Structural Design of Rapid Sand Filter using Staad pro	Mr.	Rahul Ganpat Dhakate
		63	Review Paper on Optimal Design Considering Soil Structure Interaction using Staad Pro	Mr.	Mehul Rajkumar Loya
		71	EFFECT OF CURING REGIMEN ON MECHANICAL PROPERTIES OF ELECTRONIC WASTE	Mr.	RE VAT SUNIL SAWANT
		72	Removal of Industrial Dyes Using Biochar Derived from Tender Coconut Waste: A Review	Mr.	MOHAMMAD SHAHID ARSHAD
		74	Development of Concrete Using Different Industrial Waste Materials	Mr.	SHASHWAT RAM NIBUDEY
		78	Machine Learning-Based Prediction of Properties of Geopolymer Concrete with Comparative Cost Analysis	Mr.	Atul S. Kurzekar
		79	Performance Evaluation of Quaternary Concrete Incorporating Locally Sourced Bagasse Ash, Eggshell powder and Copper Slag.	Ms.	YUKTA BHOJRAJ ZADE , NANDINI SHANKAR TAJNE
		89	Design and Analysis of a 24x7 Water Distribution Network Using WaterGEMS for Bhilai's DMA Zoning	Mr.	Rushal Abhay Borkar
		94	Design and Hydraulic Optimization of Urban Sewer Network, For Shegaon City	Ms.	Aarti Vijay Rasekar
		103	Design of an Integrated Model for Parametric Material Assessment of Braced Mega Frame Core Tube Systems in Super Tall Buildings	Mr.	Pushpam M Pagariya
		502	Microplastics in Water and Wastewater Systems: Sources, Impacts, Detection, and Treatment Technologies – A Review	Ms.	komal tathode
107	Design and Hydraulic Modelling of UGD System with Comparative Study on STP Technologies: Akot City	Mr.	Jivak Sanjay Tayde		

**International Conference on
"Sustainability & Innovation in Engineering, Technology and Applied Sciences
ICSIETS-2026 (26TH-27TH February '2026)
Organised by Department of Civil Engineering,
Yeshwantrao Chavan College of Engineering, Nagpur**

PHYSICAL MODE 26th FEBRUARY'2026 TRACK : Sustainable Civil and Environmental Engineering

VENUE: CE-205 Dept. of Civil Engg. YCCE

Parallel Session -2 12:15 pm to 1.30 pm

TRACK	Parallel Session -2 Co-ordinator	Paper Id	PAPER TITLE	Salutat ion	Author name
Sustainable Civil and Environmental Engineering	Dr.V. N Mendhe Contact. No :9860604482	118	BubbleDeck Slab Technology: An Initial Investigation On Material Efficiency And Structural Integrity	Ms.	Vidhi Vijin Kamble
		119	Eco-Friendly Adsorbents for Fluoride Removal: Trends and Technological Prospects	Ms.	Ashwini S. Borse
		123	A Review of Biocement as an Intelligent and Smart Material for Various Soil Conditions	Ms.	Payal Vivek Jayale
		135	Impact of Phase Change Concrete on Thermal and Mechanical Performance: A review	Mr.	NIKHIL V. DESHMUKH
		137	Taguchi's Optimization Technique For Phenol Adsorption Using Cotton Stalk Activated Carbon	Mrs.	Samidha A. Tangadpalliwar
		140	Performance of Plastic Waste as a Sustainable Alternative to Fine Aggregate in Concrete	Mr.	Karan Roshan Meshram
		144	Biogas Generation and Nutrient Recycling from Sugarcane Distillery Residues Through Anaerobic Digestion	Mr.	TEJAS RAJUMAR DURGekar
		145	Hydrodynamic Cavitation: Principles, Applications, and Challenges in Wastewater Treatment	Mr.	VEDHAS MILIND DORLIKAR
		146	Analysis and Design of RCC box culvert using self healing concrete	Ms.	HARSHALI VINAYAK PANCHABHAI
		147	Analysis and Design of Steel Roof Trusses for Warehouse	Mr.	Arya Pravin Khalatkar
		152	Adsorption of Malachite Green using Nitric Acid Activated Corn Cob Husk Bio Adsorbent	Ms.	Bhakti Surendra Jamunkar
		163	Structural analysis of Rcc beam-column joint strengthened with FRP using ANSYS	Mr.	Shafey Rashid Khatib
		179	Sustainable Management of Dairy Wastewater Using Anaerobic Biological Processes	Ms.	Monika Devpratap Tiwari
		486	GIS Based Estimation of Soil Bearing Capacity and Geophysical Data Using Borehole	Mr.	Laxmikant Nimbalkar
487	ANALYSIS AND ENHANCEMENT OF DRAINAGE SYSTEM OF NAGPUR CITY	Mr.	Sagar Shahu		

**International Conference on
"Sustainability & Innovation in Engineering, Technology and Applied Sciences
ICSIETS-2026 (26TH-27TH February '2026)
Organised by Department of Civil Engineering,**

PHYSICAL MODE 26th FEBRUARY'2026 TRACK : Advancements in Computing and Artificial Intelligence in Engineering-Technology and Health Care Sciences					
VENUE: CE 209 Dept. of Civil Engg. YCCE					
Parallel Session -1 12:15 pm to 1.30 pm					
TRACK	Parallel Session -1 Co-ordinator	Paper Id	PAPER TITLE	Salut ation	Author name
Advancements in Computing and Artificial Intelligence in Engineering-Technology and Health Care Sciences	Dr.A.A.Yadav Contact. No : 9158188488	5	AnonymousDetect_An_Machine_Learning_Model_For_Detecting_Fake_Profile_On_Instagram	Mr.	Vinay Sonwane
		49	VISION SEEKER:DEEP LEARNING BASED MISSING PERSON DETECTION AND RECOGNITION IN THE CCTV AND PRERECORDED VIDEO	Ms.	Amruta Tapas Paul
		56	A Systematic Analytical Review of Machine learning models for Forgery Detection and Localization in image document	Ms.	Mayuri Prakash Bamnote
		66	A Comprehensive Review of Obstacle Detection and Distance Measurement Techniques in Rail Transport	Mr.	Sachin Yadorao Meshram
		68	Book-Bot: An AI companion for Library Assistance	Dr.	Mrudula Nimbarte
		70	MediGraph:Semantic Knowledge Graph for Healthcare	Mr.	Hasnain Raza khan
		76	ClariNews-Fake News Detection Using ML	Ms.	Sharayu Sudhir Sangekar
		114	A Biophilic Approach to Digital Fragmentation and Engagement: Mycelial Hub	Mrs.	Mrs. Shweta Yenorkar, Mr.Mayank Shastri, Mr. Nishchay Ninawe
		133	Blockchain Enabled Cloud Data Storage	Ms.	Sofiya Khanam
		220	Predictive Maintenance of Lithium-Ion Batteries: A Review on Remaining Useful Life Prediction Models	Mrs.	Mrs.Kiran Dashrath Katwale
		348	Asthma Detection and Management using Artificial Intelligence: A Review	Ms.	Renuka D. Kadu
		402	Edge and Cloud Computing for IoT Based Smart Environment	Mrs.	Sana Ali
		498	Advancements in Computing and Artificial Intelligence in Engineering-Technology and Health Care Sciences	Ms.	Pragati Anil Dongare

**International Conference on
"Sustainability & Innovation in Engineering, Technology and Applied Sciences
ICSIETS-2026 (26TH-27TH February '2026)
Organised by Department of Civil Engineering,**

PHYSICAL MODE 26th FEBRUARY'2026 TRACK : Advancements in Computing and Artificial Intelligence in Engineering-Technology and Health Care Sciences					
VENUE: CE 208 Dept. of Civil Engg. YCCE					
Parallel Session -2 12:15 pm to 1.30 pm					
TRACK	Parallel Session -2 Co-ordinator	Paper Id	PAPER TITLE	Salutation	Author name
Advancements in Computing and Artificial Intelligence in Engineering-Technology and Health Care Sciences	Dr.R. M. Bhagat Contact. No : 8483002277	234	Enhancing food safety and traceability using Blockchain technology	Ms.	Bushra Khan
		301	CHILD MENTAL HEALTH MONITORING THROUGH TELEPSYCHIATRY	Ms.	Amruta Tapas Paul
		344	AI-Driven Personalized Pension Planner: A Comprehensive Review and Proposed Framework	Ms.	Smita Bhanudas Dhote
		358	Contextual Embedding for Word Sense Disambiguation.	Mr.	Anant Vilas Gobade
		364	Machine learning-based Sign language recognition and translation system	Mr.	Roshan Bhanuse, Shivani Wankhede, Divya Dhule, Payal Dongare & Ruchika Bawankule
		379	INTEGRATION OF IOT, AI AND SCADA FOR SMART DRINKING WATER TREATMENT PLANTS	Mr.	Amarendra Akre
		406	Handwritten MODI Digit Recognition Using Convolutional Neural Network	Mrs.	Lekha Nilesh Gadpade
		458	Knowledge, Attitudes, and Practices [KAP] toward Artificial Intelligence in Medical Education among Medical Students and Teachers: A Cross-Sectional Survey	Mrs.	Mrunmayi S. Kakde
		467	Adaptive Traffic Signal Optimization Using Reinforcement Learning: A SUMO-Based Study	Ms.	Anushka Narendra Kalbande
		473	Artificial Intelligence in Medical Biochemistry Laboratories: From Automation to Clinical Decision Support.	Ms.	Vaishnavi Pradip Yewale
		483	Crop Recommendation Model Using Machine Learning Based On Soil Analysis	Mr.	Mayur Tarachand Hedau
		497	A Multimodal, Explainable, and Bias-Aware AI System for Inclusive Skin Disease Risk Prediction	Ms.	Snehal Gopal Patil
		81	Fake job prediction using deep learning	Mr.	Prof. Kamlesh Kelwade
		83	RFID-Based Play Zone Access and Time Monitoring System using Watch with Alarm	Ms.	Tanvi Datarakar
		313	Enhancement of radioactive Images and Prediction of Fracture	Mrs.	Shraddha Gugulothu

**International Conference on
"Sustainability & Innovation in Engineering, Technology and Applied Sciences
ICSIETS-2026 (26TH-27TH February '2026)
Organised by Department of Civil Engineering,
Yeshwantrao Chavan College of Engineering, Nagpur**

PHYSICAL MODE 26th FEBRUARY'2026 TRACK : Sustainable Civil and Environmental Engineering

VENUE: CE-204 Dept. of Civil Engg. YCCE

Parallel Session -3 02.30 pm to 3.45 pm

TRACK	Parallel Session -3 Co-ordinator	Paper Id	PAPER TITLE	Author name
Sustainable Civil and Environmental Engineering	Dr.P. B. Pande Contact. No :9975635806	194	Evaluating Seismic Response of a G+6 Structure Using PBD and FBD	Pooja Gadekar
		195	Structural Behaviour of High-Rise Buildings with Transfer Floors: Seismic Response and Punching Shear Mechanisms – A Review	Atharv Chaudhari
		196	Study Of Different Bracing Systems in RC Structure for Seismic Resilience - A Comparative Performance Based Review	Pratik S. Dudhabale
		204	Study Of Sustainable Pervious Concrete Using Agro-Industrial Waste	Sanket G. Kalamkar
		236	Recommendation for Effects of Floating Column in Different Seismic Zones: A Review	Ketan Devendra Khadse
		238	Inspection and Strengthening Methodology of N-type Steel Truss Bridge	Suraj Mukesh Shambharkar
		245	Design and Optimization of Sewerage Networks using SewerGEMS software	Sakshi Shende
		275	Comparative Analysis of Fibre Reinforced Concrete: A Study on Mechanical and Durability Properties	Hrishkesh Rajendra Sawarkar
		280	Comparative Study of Seismic Performance of a Multi-Span Aqueduct With and Without Advanced Damping Systems -a Review	Dhanraj Vinod Wadekar
		296	A Critical Review of P-Delta Analysis and Stability Performance of Multistory Pre-Engineered Buildings	Sakshita Arun Dukare
		307	Carbon Nanotube-Incorporated High-Strength Concrete: A Review of Material Design, Performance Mechanisms, and Durability Enhancement.	SUYOG SUBHASH PAWAR
		308	Comparative Study on Structural Behaviour of Single-Column, Four-Column and Conventional Multi-Storey RCC Frame Structure Subjected to Seismic Loading	PARAS SUNIL DANDEKAR
		310	Effect of Bentonite Incorporation on the Physical and Rheological Properties of Polymer Modified Bitumen	Ankit Ishwardas Malviya
		312	Seismic Performance Analysis of Industrial Steel Structures with Various Bracing Systems: A Comprehensive Review	Sanvidhan Babarao Kamble
		349	Experimental Investigation on the mechanical properties of concrete using metakaolin and waste glass powder for sustainable construction	Manaswi Hemant Naik
359	Structural Analysis of Multistory Building with Shear Walls at Different Locations Using Various Methods	Praful Vasudeo Datir		

**International Conference on
"Sustainability & Innovation in Engineering, Technology and Applied Sciences
ICSIETS-2026 (26TH-27TH February '2026)
Organised by Department of Civil Engineering,
Yeshwantrao Chavan College of Engineering, Nagpur**

PHYSICAL MODE 26th FEBRUARY'2026 TRACK : Sustainable Civil and Environmental Engineering

VENUE: CE -205 Dept. of Civil Engg. YCCE

Parallel Session -4 02.30 pm to 3.45 pm

TRACK	Parallel Session -4 Co-ordinator	Paper Id	PAPER TITLE	Salutation	Author name
Sustainable Civil and Environmental Engineering	Dr.C.S.Waghmare Contact. No : 9766318003	362	Experimental Investigation on the Strength Properties of Agro-Waste Ash and Industrial Waste in Mortar	Mr.	Anurag Kharkar
		365	Comparative Study on Seismic Performance of Regular and Irregular RC Multi-Storied Building	Mr.	Sanket Narayan Thawri
		366	Comparative Analysis of Steel Structure under Seismic and Blast Loading	Ms.	Snehal Kishor Shinde
		368	Dynamic Analysis of Pile Foundation of a Railway Bridge	Mr.	ROHAN RAKESH SHARMA
		387	Seismic Performance Evaluation of Outrigger and Belt Truss System in High-Rise Structures: A Review	Mr.	Devanshu Vikas Ghodam
		392	Integrating BIM and Augmented Reality for the Analysis, Design and Visualization of a Cable stayed Bridge	Ms.	SAKSHI RAMESH BAGDE
		407	Comparative Study of RBC-Based Dairy Wastewater Treatment With and Without Aeration	Ms.	Shalini Prakash Kotangale
		409	A Sensor-Based Smart Soil Health Monitoring System for Weed Detection in Permeable Paver-Based Farms	Ms.	Yogita Thakre
		432	Comparative Seismic Performance Assessment of Fixed Base and Base Isolated Multi-Storey Structures	Mr.	Abhaykumar Vishwanath Ramteke
		450	Validation and Parametric Optimization of CPRF Systems	Dr.	Dr.Jayant Manohar Raut
		459	Integrated Bio-remediation Approach for Legacy Waste Management at Urban Dumpsites: Case study of Nagpur	Mr.	Prashant Subhash Waghmare
		475	Partial Replacement of Fine Aggregate in Concrete Mix Using Recycled Glass Powder for Transportation Infrastructure	Ms.	NIHARIKA JARUNDE
		479	Assessment of Pedestrian Crosswalks on Road Safety and Traffic Flow in Urban Areas	Ms.	Nikisha Dewanand Dharkar
		513	MICRO-LEVEL ANALYSIS THROUGH NIRS SENSOR OF LIGNOCELLULOSIC BIOMASS FOR BIOREACTOR APPLICATION	Ms.	Rakhi J. Kubade
527	Application of A Hybrid Multi-Criteria Decision-Making (MCDM) Approach for High-Speed Rail (HSR) Alignment Finalization	Mr.	Pratham Atul Kumatkar		
510	IoT and ML in Liquid Waste Water Management	Dr.	Dr.Madhuri S. Bhagat		

**International Conference on
"Sustainability & Innovation in Engineering, Technology and Applied Sciences
ICSSETS-2026 (26TH-27TH February '2026)
Organised by Department of Civil Engineering,
Yeshwantrao Chavan College of Engineering, Nagpur**

DAY 2- ONLINE MODE 27th FEBRUARY 2026

Parallel Session -1 11.45 am to 1.00 pm					
TRACK	Parallel Session -1 Co-ordinator	Paper Id	PAPER TITLE	Saluta tion	Author name
Sustainable Civil and Environmental Engineering	Dr. M. W. Wagh Contact No. 976442550	93	Machine Learning Approaches for Mechanical Rebar Couplers: A Comprehensive Review of Alternatives to Lap Splices	Mr.	Atul S. Kurzekar
		101	Performance and Application of Fibre-Reinforcing Bars: Literature Review and Case Studies	Mr.	Chandrashekar Prabhakar Joshi
		112	Interlinking Lakes as a Climate Change Adaptation Strategy to Combat Groundwater Decline in Bhandara District, Central India		Kumud Suresh Meshram
		216	A Review of Design & analysis of G+7 multistorey building by using STAAD PRO Software	Ms.	Trushna Anil Gabhane
		377	Seismic Behaviour of Hybrid Braced RC High Rise System with Buckling Restrained Brace And Viscous Damper	Ms.	Priyanka Ramesh Gahane
		397	Behavior of Industrial Chimneys Subjected to Dynamic Loading Using ANSYS: A Parametric and Modal Response-Based Approach	Mr.	Kuntal Tushar Zade
		454	A Review of Design and Analysis Of G+8 Multistorey RCC Building Using ETABS	Mr.	VIPUL MAHENDRA BHUGAONKAR
		208	Reinforcing Expansive Soils through Medical Waste Valorization: A Critical Review of Nitrile and Latex Glove-Based Stabilization Techniques	Ms.	PRAGATI DAMKE
		142	Comprehensive Review on Life Cycle Assessment of Concrete Using Agro-Industrial Waste for Sustainable Construction	Mr.	Chaitanya Diwanji
		503	Comparative Analysis of Life Cycle Assessment of Conventional Concrete by Partially Replacing Cement by Fly Ash with the Inclusion of Carb	Mr.	Vivek Dnyandeo Jayale
		528	SUSTAINABLE UTILIZATION OF RECYCLED CONSTRUCTION SAND IN STRUCTURAL CONCRETE: A MECHANICAL PERFORMANCE STUDY	Mrs.	Sheetal Marawar
		529	Agentic AI-Enabled Intelligent Resource Optimization Framework for Construction Inventory and Waste Management	Ms.	Aditi Mohan Ingle
Electronics and Telecommunications Engineering		9	An IoT-Enabled Multi-Sensor LPG Monitoring System with Predictive Analytics and Automated Refill Integration	Ms.	Abina Sri K
Electronics and Telecommunications Engineering		22	Intelligent Unauthorized USB Access Detection and Intrusion Alert System	Dr.	Abhilash Mandloi
Electronics and Telecommunications Engineering		23	AI-Assisted IoT Smart Whiteboard System for Real-Time Capture and Cloud Digitization	Mr.	Penmatsa S N V Ranga Prakash Varma
Electronics and Telecommunications Engineering		28	A Review on Deep Learning Approaches for Early-Stage Lung Cancer Detection and Diagnosis	Ms.	Sneha Marotrao Hargode
Electronics and Telecommunications Engineering		40	Smart water automation system	Ms.	Dhanashree Narendra bharti
Electronics and Telecommunications Engineering		193	An Intelligent Vision-Based System for Real-Time Abnormal Behavior Detection in Healthcare Environments	Mr.	Vaarshik Pemmasani
Electronics and Telecommunications Engineering		235	Vehicle Engine Stop System with Traffic Signal Break Detection	Ms.	Divya Sontakke

**International Conference on
"Sustainability & Innovation in Engineering, Technology and Applied Sciences
ICSIETS-2026 (26TH-27TH February '2026)
Organised by Department of Civil Engineering,
Yeshwantrao Chavan College of Engineering, Nagpur**

DAY 2 - ONLINE MODE 27th FEBRUARY 2026 TRACK : Advancements in Computing and Artificial Intelligence in Engineering-Technology and Health Care Sciences

Parallel Session -2 Co-ordinator 11.45 am to 1.00 pm				
TRACK	Parallel Session -2 Co-ordinator	Paper Id	PAPER TITLE	Author name
Advancements in Computing and Artificial Intelligence in Engineering-Technology and Health Care Sciences	Dr.M.S.Bhagat Contact No.9765861214	10	CoutureX Enchant: AI-Driven Smart Fashion Personalization	Darshana Kiruthika K V
		21	AI-Enabled Multi-Modal Smart Door Access System using Face Voice and Gesture Recognition	Abhilash Mandloi
		55	VitalEyes – An AI-Powered Multimodal Fall Detection System	Prathana Y
		75	Hybrid Rule-Based and Machine Learning Framework for Comprehensive Quality Evaluation of Freeze-Dried Jamun (Syzygium cumini) Powder	Keerthi sri Polineni
		84	KISSAN-MITRA: An AI-Enabled Web Platform for Crop Disease Detection, Yield Prediction, and Market Intelligence in Indian Agriculture	Amisha Pandit
		127	REVIEW ON PARKINSON'S DISEASE DETECTION USING MACHINE LEARNING	Syed Amirah Rizwan
		143	DF-NFLF-TO: A Deep Fusion Neuro-Fuzzy-Logistic Model for Fraud Detection under Extreme Class Imbalance	KIRTI AKASH NIMBHORKAR
		177	Estimation of Freshness in Seafood based on Machine Learning Algorithms	Sowmya S
		188	Meta-Adaptive Few-Shot Learning Framework for Robust Classification of Rare and Imbalanced Data Scenarios	Balajee Maram
		200	AI-Powered Clinical Text Understanding for ICD10 Code Prediction Using Hybrid Embedding and Retrieval Models	Subashini M
		208	Reinforcing Expansive Soils through Medical Waste Valorization: A Critical Review of Nitrile and Latex Glove-Based Stabilization Techniques	PRAGATI DAMKE
		242	AI-Integrated Diagnostic System for Varicose Veins Using Deep Learning and Health Signal Inputs	Swati Amod Paraskar
		303	Multi-Model Explainable AI for Employee Attrition Prediction	Kunal Rajendra Deshmukh
		371	Personalized Voice Cloning and Synthesis Enhancing Human Computer Interaction through Speech Replication	Gowtham Naik Mude
		389	Urban IoT System for AI-Driven Smart Solar	Nidhi patil
332	A Hybrid Ensemble Method For Accurate Software Defect Prediction	Thota Sai Lalith Prasad		

**International Conference on
"Sustainability & Innovation in Engineering, Technology and Applied Sciences
ICSSETS-2026 (26TH-27TH February '2026)
Organised by Department of Civil Engineering,
Yeshwantrao Chavan College of Engineering, Nagpur**

DAY 2 - ONLINE MODE 27th FEBRUARY'2026 TRACK : Advancements in Computing and Artificial Intelligence in Engineering-Technology and Health Care Sciences

Parallel Session -3 Co-ordinator 11.45 am to 1.00 pm					
TRACK	Parallel Session -2 Co-ordinator	Paper Id	PAPER TITLE	Salutation	Author name
Advancements in Computing and Artificial Intelligence in Engineering-Technology and Health Care Sciences	Dr.U.B.Patil ; Contact no. +91 82374 14264	14	An Intelligent Object Detection and Recognition Framework for Assisting the Visually Impaired	Ms.	Meenal M. Taley
		416	An Edge Computing-Enabled Smart Agriculture Framework for Real-Time Crop Monitoring	Mr.	ANANTHULA VIJAY KUMAR
		425	Global Research Trends in Cybersecurity: A Scientometric Analysis of Privacy, Threats, and Attack Mitigation	Mr.	Devender Rondla
		429	An Intelligent AI-Driven Decision Support Framework for Early PCOS Screening Using Clinical and Biochemical Data	Ms.	KALAKOTLA ARUNIMA
		477	Deep NLP Models for Extracting Mentions of Low-Frequency Diseases from Medical Texts	Dr.	Balajee Maram
		484	An Advanced Network Intrusion Detection System based on Deep Learning Models	Dr.	Sandhya Rani Medi
		496	Artificial Intelligence for Professional Development of Teachers: Applications, Benefits, Challenges and Ethical Aspects	Mr.	S.Izaz Ahammed
		170	Utilization of Machine Learning Methods in Cancer Outcome Prediction	Mr.	PRACHI DAMODHAR SHAHARE
		298	AI-Driven Body Posture Recognition and Predictive Analysis of Long-term Health Risk	Ms.	Kusum Hari
		77	Knowledge Graph-Based Approaches for Personalized Cancer Treatment in Medical Oncology: A Review and Conceptual Framework	Mrs.	Qudsiya Naaz
		210	Performance Evaluation of AI Models for Investigating Post-COVID-19 Cardiovascular Disease	Ms.	SWATI SHRIRANG KHANDALKAR
		124	AI-Driven Surveillance for Helmet Detection and Number Plate Recognition	Ms.	Pooja G. Dhawane
		186	An Ensemble Learning model for Accurate Mental Stress State Prediction	Mr.	Prashant Govindrao Ghulaxe
Applied Sciences and Emerging Technologies		43	Comparative Study on Biodiesel using Trans – esterification Reaction	Dr.	BHAGYASHREE CHARI
		410	Learning Environments: A Comparative Study of Orphan and Non-Orphan Children	Ms.	Nanda P Dhoble (Thakre)
Business and Management Innovations		297	Understanding Trust Formation In AI Chatbot Interactions Among Generation Z Users	Mr.	Vishnu Mahesh V
Mechanical and Electrical Engineering Innovations		345	AN IOT-BASED MULTI-SENSOR DIGITAL TWIN FOR PREDICTIVE MAINTENANCE OF INDUSTRIAL MOTORS	Mr.	Aniruddha Tikaramji Khandekar
		390	DESIGN AND IMPLEMENTATION OF A LOW-COST QUALITY CONTROL SYSTEM FOR CARD CLOTHING (CARDING ROPE/WIRE)	Mr.	NANDKISHOR CHAVAN

**International Conference on
"Sustainability & Innovation in Engineering, Technology and Applied Sciences
ICSIETS-2026 (26TH-27TH February '2026)
Organised by Department of Civil Engineering,
Yeshwantrao Chavan College of Engineering, Nagpur**

DAY 2 - ONLINE MODE 27th FEBRUARY'2026 TRACK : Advancements in Computing and Artificial Intelligence in Engineering-Technology and Health Care Sciences

Parallel Session -4 Co-ordinator 11.45 am to 1.00 pm				
TRACK	Parallel Session-2 Co-ordinator	Paper Id	PAPER TITLE	Author name
Advancements in Computing and Artificial Intelligence in Engineering-Technology and Health Care Sciences	Dr.S. G. Hirekhan Contact no. +91 832 960 9364	315	An Intelligent Network Intrusion Detection System Using Hybrid Machine Learning and Deep Feature Extraction	1Dr.Shaik Ali Moon,2Dr Balajee Maram,3Dr B V Srinivasulu,4Dr Pamuri Vijaya Kumar Reddy
		316	An Experimental Study on Mechanical Properties of Bendable Concrete by Using Fly Ash and Recron 3S Fibers	Dr.A.Ravi Theja 1, B.Kalyan Kumar 2
		317	Effect of Plastic Optical Fiber on Light Transmitting Concrete	C.Madhu Anjeneyulu 1, A.Mahendranath 2
		319	A Comparative Enquiry Into Intelligent Control Strategies For High-Gain Bidirectional Dc-Dc Converters Employed In Electric Carriages	Mr.S.Maddilety 1, Mr. S.Shakeer Basha 2 and Mr. D Md Gouse 3
		320	A NEURAL-GUIDED THREE-PHASE PHOTOVOLTAIC CHARGING FRAMEWORK FOR THE ELEVATION OF POWER QUALITY IN MODERN ELECTROMOTIVE	Mrs.Vijaya Lalitha 1, Ms. S.Heera Afana 2 and Dr. V.Chandra Jagan Mohan 3
		321	A SLIDING-MODE GOVERNED THREE-PORT PARTIAL-POWER CHARGER FOR ENHANCED STABILITY AND SWIFT ENERGY TRANSFER IN ELECTRIC VEHICLES	Mr.M Suman 1, Mr. S.Haji Suraj 2 and Mrs. K. Rajitha
		322	PERFORMANCE OPTIMIZATION OF CLOUD-BASED API SERVICES USING CACHING AND CDN STRATEGIES	Uday Kumar Kalae
		327	Strength and Durability of Concrete by Using Silica Fume and Ggbs	S.Md.Ilias 1, B.Naveen
		328	Strength and Durability Study of Geopolymer Concrete by Using Ggbs, Rice Husk Ash	N.S.Gayathri 1, P.Kondamma 2
		329	Study on Strength and Durability Studies of Concrete by Partial Replacement of Coarse Aggregates by Demolished Aggregates	K.Shammud Basha 1, G.Kiran Kumar
		331	WEAPON DETECTION IN SURVEILLANCE SYSTEM USING DEEP LEARNING	Thota Sai Lalith Prasad 1, Narsimha 2 and Dr B Venkata Srinivasulu 3
		332	A Hybrid Ensemble Method For Accurate Software Defect Prediction	Thota Sai Lalith Prasad 1, Sarangi Jyoshnapriya 2 and Jiguri Lakshmi Vydehi 3
		339	Interpretable Machine Learning For Sustainable Land Use: Analyzing Climate Change Impacts on Agriculture in Eurasia	Mrs A.Bindukala 1, Phaneendra Patibandla 2, Mrs K.Manikyamma 3, Mrs M.Hima Bindu 4
		342	Reimagining Patient Safety With Explainable AI: Insights From Pharmacovigilance Research	Dr.M.Subba Reddy 1, Veera Brahmam Gutthi 2, Mrs S.Chennamma 3, Mr A.D Sivarama Kumar
		351	Adaptive Intelligence in Fault Prediction: Tackling Imbalance and Generalization Challenges via Cross-Project Learning	Mrs K.Manikyamma 1, Deepthi D 2, Mr K.Amarendrath 3, Dr.M.Subba Reddy
		355	A Refined FOPID-Governed Power Transfer Device for Exalted Power Quality and Regenerative Boon Utilisation in Dual-Mode Traction Networks	Dr.K.Manohar 1, Mr. D.Sai Viswa Teja 2 and Mrs. Y.Mounika 3
		493	Artificial Intelligence as a New Literary Critic: Reimagining Textual Analysis in English Literature	Dr. Srabani Sundaresan
		520	Neurosymbolic AI Integration for Secure and Trustworthy Enterprise and Healthcare Search Architectures	Mohammed Naycem Hemang Upadhyay Swaril Parikh
		522	Model compression strategies for efficient multi-agent LLM orchestration	1Hanish Chalicham 2Sai Sasidhar
		524	Digital Transformation and Its Influence on Decision-Making Processes in Businesses	1Dr. Sarang Javkhedkar, Dr. Poojapara J Kulkarni Dr. Akhil Ramteke, 4Dr. Yooesh Gharmure