



ICAETM 2026 – TRACK 02/03 DAY 1, SESSION I

INTERNATIONAL CONFERENCE ON ADVANCES IN ENGINEERING, TECHNOLOGY AND MANAGEMENT

Date	Wednesday, 28 October 2026
Mode	Offline
Time	1:30 pm – 4.30 pm
Venue	209: Engg. Main Building
4.30 pm: High Tea break & common photo session	

Track 2: Smart Manufacturing, Automation & Intelligent Systems

Track 3: Thermal, Design, Energy, and Agriculture technologies

Session Coordinator: Dr. A. P. Kaldate

Session Chair: Dr. Dinesh Washimkar

TECHNICAL PAPER PRESENTATION SCHEDULE

Sr. No.	Paper ID	Author Name	Article Title
1	189	Siddhi Santosh Shelke	Road Surface Intelligence: A Systematic Survey of Pothole Detection from Classical Vision to Modern Deep Learning
2	214	Ayush Girish Bhansali	Universal Embedded Controller for Industrial Automation
3	263	Pritee Pradip Kamble	Design and Numerical Validation of a Compact Foldable UAV for Last-Mile Delivery Applications
4	328	Spruha Aniket Dhavale	Mechanical Performance of Friction Stir Welded AA5086 Aluminium Alloy: An Experimental Investigation
5	382	Ajit Balkrishna Shinday	Determining physico-chemical properties in shelf life of clarified juice prepared during jaggery manufacturing at cottage level: A henceforth neglected field
6	384	Ajit Balkrishna Shinday	Storage period extension of clarified juice prepared during jaggery manufacturing: A physico Chemical Approach for Decentralized Industrial Use
7	418	Digvijay Mohanrao Mohi	Design and Fabrication of an Aluminum Longitudinal Finned Tube Shell-and-Tube Heat Exchanger for Marine Gearbox Cooling Applications



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Track 3: Thermal, Design, Energy, and Agriculture technologies

Session Coordinator: Dr. R. L. Edlabadkar

Session Chair: Dr. G. S. Modak

TECHNICAL PAPER PRESENTATION SCHEDULE

Sr. No.	Paper ID	Author Name	Article Title
1	59	Om Nanasaheb Kate	CFD Analysis of a Convergent-Divergent Nozzle for a GPS-Guided Model Rocket Using Ansys Fluent
2	135	Sakshi Sunil Pawar	Design And Development of Special Purpose Gauge for Centre Distance and Thickness Inspection
3	223	Arya R. Vedpathak	Assessment of water consumption patterns among college hostel students
4	235	SAMIR SOHIL HADI	Performance Enhancement of AC Using Misting System
5	257	Yash Dilip Pawar	Design And Development of Axial Fan Test Rig
6	281	Shrushti Arjun Ghuge	Role of renewable energy in sustainable development



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ICAETM 2026 – TRACK 02/03 DAY 2, SESSION I



INTERNATIONAL CONFERENCE ON ADVANCES IN ENGINEERING, TECHNOLOGY AND MANAGEMENT

Date	Thursday, 29 October 2026
Mode	Online
Time	10:30 am – 12.30 pm
Venue	-
10 min.: Presentation time	
5 min. : Question & Answer	

Track 2: Smart Manufacturing, Automation & Intelligent Systems

Track 3: Thermal, Design, Energy, and Agriculture technologies

Session Coordinator: Dr. N. G. Jaiswal

Session Chair: Dr. U. V. Awasarmol

TECHNICAL PAPER PRESENTATION SCHEDULE

Sr. No.	Paper ID	Author Name	Article Title
1	42	Gaurav Shivji Tiwari	Alertmate: AI-Based Driver Fatigue Detection System Using CNN and Edge AI
2	58	Pooja Pradip Rajput	Sewage and Drain Inspection Mini-Robot
3	63	Pranav Shailendra Sathe	A Comprehensive Review on Pick-and-Place Robotic Arms: Design, Control, and Future Directions
4	80	Krutika Yuvraj Shinde	Design of Inspection gauge and Production Part Approval process of cng kit junction block
5	132	Aryakee Sachin Sorte	Design and Development of an Automated 3D Printing System with Embedded Slicing and AI Based Monitoring
6	241	Samarth Tukaram Dimble	Autonomous Swimming Pool Cleaning Robot
7	385	POONAM ARUN BHORE	Sustainable Electromagnetic Interference Shielding Using Agricultural-Waste-Derived Biochar-Based Hybrid Composites: A Review



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ICAETM 2026 – TRACK 02/03 DAY 2, SESSION II

INTERNATIONAL CONFERENCE ON ADVANCES IN ENGINEERING, TECHNOLOGY AND MANAGEMENT

Date	Thursday, 29 October 2026
Mode	Online
Time	1:30 pm – 3.30 pm
Venue	-
10 min.: Presentation time	
5 min. : Question & Answer	

Track 2: Smart Manufacturing, Automation & Intelligent Systems

Track 3: Thermal, Design, Energy, and Agriculture technologies

Session Coordinator: Dr. P. G. Kulkarni

Session Chair: Dr. D. S. Watvisave

TECHNICAL PAPER PRESENTATION SCHEDULE

Sr. No.	Paper ID	Author Name	Article Title
1	62	Rudra Vilas Kailaswar	The Design, Fabrication and Testing of a Multimode Seed Sowing Machine Using Remote
2	66	Ashmit Subhash Sarwade	Modifying Powertrain System for Performance Improvement
3	89	Swapnil Annasaheb Kale	Vibration Behaviour of Single Row Deep Groove Ball Bearing with Single and Multiple Su
4	155	Tushar Prakash Kamble	AI-Based Automatic Changeover System for Multi - Source Renewable Energy Microgrid
5	192	Hemangi Aakash Kulkarni	Design and Development of a Low Cost, Open-circuit Subsonic Wind Tunnel
6	248	Ganesh Balaji Chaudhari	Paper Title: Power Generation from Waste Materials for a Sustainable Future
7	250	Om Nimba Borse	Design And Development Of Magnetic Suspension System



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ICAETM 2026 – TRACK 02/03 DAY 2, SESSION III

INTERNATIONAL CONFERENCE ON ADVANCES IN ENGINEERING, TECHNOLOGY AND MANAGEMENT

Date	Thursday, 29 October 2026
Mode	Online
Time	4.00 pm – 6.00 pm
Venue	-
10 min.: Presentation time	
5 min. : Question & Answer	

Track 2: Smart Manufacturing, Automation & Intelligent Systems

Track 3: Thermal, Design, Energy, and Agriculture technologies

Session Coordinator: Dr. A. R. Barot

Session Chair: Dr. A. A. Bhosale

TECHNICAL PAPER PRESENTATION SCHEDULE

Sr. No.	Paper ID	Author Name	Article Title
1	86	Avanti Shantanu Joshi	High-Accuracy Multi-Class Plant Disease Detection Using Advanced YOLO Architectures
2	249	Alpesh Ashok Bhavar	Design and Fabrication of Automatic Multi-Hopper Weighing and Packing System using Smart HMI.
3	251	Amit Raghunath Gore	Mechanical Scissor Lift Developed for Small Construction Site Using Rope and Winch Mechanism.
4	253	Shivam Hanumant Salunkhe	Design and Development of a fire Detection and Fire Suppression System For Passenger Vehicle
5	256	Yash shingate	A Comparative Mechanical Study of Graphene- and MWCNT-Reinforced PLA Fabricated by Fused Deposition Modeling
6	258	Varad Ravindra Pise	Salt Spray Test Machine
7	449	Dhanesh Manohar Pawar	Comparative Study of Machine Learning Classifiers for the Identification of Five-level Tool Condition



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ICAETM 2026 – TRACK 02/03 DAY 3, SESSION I

INTERNATIONAL CONFERENCE ON ADVANCES IN ENGINEERING, TECHNOLOGY AND MANAGEMENT

Date	Friday, 30 October 2026
Mode	Online
Time	09.30 am – 11.30 am
Venue	-
10 min.: Presentation time	
5 min. : Question & Answer	

Track 2: Smart Manufacturing, Automation & Intelligent Systems

Track 3: Thermal, Design, Energy, and Agriculture technologies

Session Coordinator: Dr. M. M. Bhoomkar

Session Chair: Dr. D. S. Watvisave

TECHNICAL PAPER PRESENTATION SCHEDULE

Sr. No.	Paper ID	Author Name	Article Title
1	389	Aakanksha Preetam Gupte	Reducing Fuel Injector Non-Conformances Using DMAIC, QFD and FMEA: A case study in Diesel Engine Manufacturing
2	350	Arsh Jaiswal	A Cognitive AI-Based Predictive Framework for Intelligent Fault Detection in Smart Manufacturing
3	364	Durgadevi P. Jadhav	Development Of Graphene-TiO ₂ (TITANIUM DIOXIDE) Composite Materials
4	432	Sania R. Edlabadkar	A Review of Impact Analysis of Steel Projectiles on Composite Laminates
5	424	Shivendra More	Data Freshness and Maintenance Horizons in Digital Twin Decision Support for Manufacturing
6	425	Suyash Jadhav	Control Techniques for Precision Motion Stages in Semiconductor Lithography: A Review