

Conference Schedule

Online Presentations | 13-14 February 2026



International Conference on Emerging Technologies 2026

Hosted by

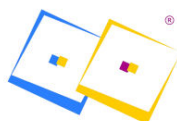


Marathwada Mitra Mandal's Institute of Technology (MMIT)

Lohegaon, Pune, India

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Technology Research and Innovation Centre, Pune, India

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Online Presentation links will be shared through email on or before 11 Feb 2026

Date & Day: 13 Feb 2026, Friday

Activity	Time (Indian Std. Time)
Inauguration	10.00 am to 10.45 am
Keynote 1	11.00 am to 11.45 am
Session CE1	12.00 pm to 02.00 pm
Session EE1	12.00 pm to 02.00 pm
Session C1	12.00 pm to 02.00 pm
Session CE2	02.00 pm to 04.00 pm
Session BM1	02.00 pm to 04.00 pm
Session M1	02.00 pm to 04.00 pm

Date & Day: 14 Feb 2026, Saturday

Activity	Time (Indian Std. Time)
Keynote 2	10.00 am to 10.45 am
Keynote 3	10.45 am to 11.30 am
Session CE3	11.30 am to 01.30 pm
Session E1	11.30 am to 01.30 pm
Session C2	01.00 pm to 02.15 pm
Session CE4	01.00 pm to 03.00 pm
Valedictory	03.30 pm to 04.00 pm



Important Guidelines

- ❖ You are kindly invited to attend the Conference Inauguration on 13 Feb 2026, Friday.
- ❖ Please attend all keynote speeches, as they offer invaluable insights from experts and enhance your knowledge of cutting-edge developments and trends in the field.
- ❖ All sessions will be initiated 10 minutes before scheduled time. All authors are requested to join at least 5 minutes before the start of the session.
- ❖ Authors are requested to attend the full session from the start. The internal session sequence may be subject to change in case of No Show Paper.
- ❖ Use the [Conference Presentation Template](#) available on the Conference Website
- ❖ **Non presented papers will not be considered for the further publication process.**
- ❖ The time allotted for each paper is **Strictly 12 minutes (10 minutes for presentation and 2 minutes Q & A)**
- ❖ The session can be attended by all authors. The answers during Q & A can be given by any author. Corresponding authors are requested to share the meeting links with co-authors.
- ❖ Please refer to the conference website for updates. www.icemtec.com
- ❖ Please add the paper ID, Authors, Title and Session during communication so that we can assist you quickly. Email: icemtec@gmail.com



ICEMTEC 2026: Paper Presentation Sessions

Session: CE1 Day/Date: 13 Feb 2026, Friday Time: 12.00 pm to 02.00 pm (IST)		
Paper ID	Paper Title	Authors
11007	VR-SAFE: A Mechanism-Aware, Device-Adaptive Framework for Hazard-Constrained Curation of Equirectangular Video	Vipin Rajendran, Malathi S
11124	Assessment of Sugarcane Bagasse Availability for Biofuel Production in Western Maharashtra: A Data-Driven Case Study	Dipali Indrajeet Ghadage
11013	Comparative Analysis of Hybrid Models in Fake News Detection	Naishadha Badithala, P. V. S Kaushik Reddy, R. Annamalai
11023	A Review of Artificial Intelligence Literacy Frameworks in Higher Education: Models, Challenges, and Future Directions	Mounika Mada, Shivani Goel
11054	Benefits of Artificial Intelligence Image-Based Exploration Techniques in Agriculture	Dattatray Sadashiv Arade
11056	Study of Artificial Intelligence for Product Development Life Cycle Management	Kathika Roy, Sumathi Sidharth, Rasika Pardeshi, Saniya Satpute
11094	Data-Driven Carbon Footprint Analysis in Smart Cities Using Machine Learning	Yatharth Singh, Kumud Saxena, Sana Anjum
11012	InvenQrise : Smart Inventory Control with QR Code Integration	Santoshkumar Biradar, Deepika Ajalkar, Aditya Surendra Awagan, Gayatri Ashok Kadavkar, Nikhil Vivek Mungi, Rupali Parte

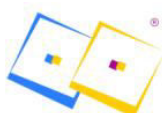


Session: **EE1** | Day/Date: **13 Feb 2026, Friday** | Time: **12.00 pm to 02.00 pm (IST)**

Paper ID	Paper Title	Authors
12002	Machine Learning-Guided Coverage Closure for Complex SoC Verification	Durga Bhavani, Mutluri
12008	Electricity Tariff Optimization Using Particle Swarm Optimization (PSO) for Residential Load Management	Sheetal S.Shinkhede, Dharmistha Vishwakarma
12009	SARS: An AI-IoT Enabled Smart Anti-Rodent System for Automated Detection and Deterrence	Ashutosh R Thakur, Samruddhi S Khedkar, Mohini G Mashere
12019	Impact of COVID-19 on Electric Mobility in India: A Comparative Analysis and the Strategic Role of Hybrid Wireless Charging.	Ankit Balhara
12010	Design of a Non-Isolated High-Gain DC-DC Converter for Efficient Fast Charging of Long-Distance Electric Vehicles Applications	Anandhan KC, Brundha M, Gowtham T, Poovarasan K, Karputha pandi P
12011	Development of Emerging Transformerless Ultra-High gain DC-DC Cubic Converter Architecture	Anandhan KC, SakthiVel R V D, Thejasvini S, Sedhu, Karputha pandi P
12013	Enhanced Performance Analysis of Non-Isolated High-Gain Quadratic DC-DC Converters for Electrical Vehicle Applications	Vivek K S, Maheswari P, P.Karthikeyan, Balajee B, P.Selvan, karputha Pandi P
12021	An Embedded Sensor-Based Approach for Real-Time Food Spoilage Detection	Vijay Gaikwad, Reva Deshpande, Hrutika Kakade, Shrawani Dohatare, Varada Dravid
19007	Precision Farming Through Smart Irrigation And Real Time Monitoring	Sivasankari K, Aswitha A, Subhanu S, Jayasri PA

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Session: **C1** | Day/Date: **13 Feb 2026, Friday** | Time: **12.00 pm to 02.00 pm (IST)**

Paper ID	Paper Title	Authors
15001	Synergistic Role of Nano-Clay and Polypropylene Fibers in Rheology and Cracking Performance of Polyurethane-Foam Lightweight Concrete	P. Manikanta, T. Sreedhar Babu, G. Yesuratnam
15005	Feasibility of utilization of Wheat Husk Ash in Pervious Concrete for storm water management	Nameeta Vernekar
15011	Developing Eco-Friendly Concrete Composites Using M-Sand, Metakaolin, and GGBS	Yogendra Onkar Patil, Shashi Ranjan Kumar, Chaitanya Mishra
15012	Buildability Assessment in Extrusion-Based 3D Concrete Printing: Material, Process, and Interface Perspectives	Shiva Nandhini S, Nivin Philip
15013	Influence of Healing Agent on Crack Closure Efficiency in Self-Healing Concrete	Taniya Anna Jacob
15016	Life Cycle and Carbon Footprint Evaluation of OPC- Free 3D Printable Geopolymer Concrete	Rena Farzana S, Nivin Philip
15021	Influence of Fibre Characteristics on Workability, Microstructure, and Performance of BFRC	Theerdha Ram, Pinky Merin Philip
15015	Experimental study on the mechanical properties of chemically treated jute fibers in concrete	Pankaj M Dayare, Jessly Rajan, Nilesh Lende, Vaibhav Bhagat, Meet Waghela, Ishan Yadav



Session: **CE2** | Day/Date: **13 Feb 2026, Friday** | Time: **02.00 pm to 04.00 pm (IST)**

Paper ID	Paper Title	Authors
11037	Computer Vision and Image Processing Application in External Quality Inspection: An Overview	Poonam Prashant Kshirsagar, Mahesh Shivajirao Kumbhar
11058	A Comprehensive Review of Object Detection Techniques in 4K and 8K Ultra-High-Resolution Imagery	Sonali L. Pulate, R. P. Labade, S.V.Chaudhari
11080	Survey Analysis Report for the Development of Deep Learning Algorithm based Smart Tourism Exploration and Narration System	Dattatray S, Arade, Shriram D. Raut
11134	Efficient Facial Emotion Recognition Using Attention-Driven Convolutional Neural Networks	Juanola Pearl J, Newlin Shebiah R
11073	The Impact of Artificial Intelligence on Enhancing Guest Experiences through Operational Efficiency in Luxury Hotels in Kuala Lumpur	Fatama Tuz Johura, Rozaini Binti Rosli, Shah Bin Taufiqur Rahman, Most. Monowara Begum Mamy
11114	Indian Sign Language Recognition: A Comprehensive Review of Vision, Sensor, and Deep Learning Approaches	Purvesh P. Savalakhe, A. V. Sable, Om S. Naringe, Shrawani S. Bonde, Mayuri S. Pache, Harsh S. Kapile
11045	Adaptive Underwater Image Enhancement via Deep Learning with Stochastic Gradient Boosting–Guided Multi-Stage Correction	Narasimhulu Palem, Vijay Singh Rathore, Pradeep B.S, Venkata Subbaiah K, Shivam Yadav



Session: BM1 Day/Date: 13 Feb 2026, Friday Time: 02.00 pm to 04.00 pm (IST)		
Paper ID	Paper Title	Authors
18002	Employer Branding and Job Seekers' Perception: A Study on Gen Z Students Using Sentiment Analysis of Employer Reviews	A. Celina
18008	The Impact of Strategic Orientation, Digital Engagement, and Market Dynamism on the Performance of Bangladesh's Garment Industry	Md Shahriar Emon, Darian Low, Salma Honey
18009	Virtual Try-On Technologies and Consumer Purchase Decision Behaviour in Cosmetic E-Commerce	Divya Verma
18010	Banking the unbanked: Evaluating blockchain-based Fintech Innovations to Next-Gen Payment Banks	Shwetha Shetty, Sandeep S Shenoy, Dasharathraj K Shetty
18004	Low Cost Automated Glass Sanitization for Street Beverage Vendors Enhancing Hygiene and Business Sustainability	Piyush A Dalke, S. P. Trikal, S. V. Mutalikdesai, S.S. Khadse, A. G. Suralkar, V. D. Sarkate
18006	A Critical Review of Qualitative and Quantitative Multi-Criteria Decision-Making Methods in Complex Decision Environments	Suchismita Swain, Saroj Kumar Patra, Kamalakanta Muduli, S. Vijayalakshmi, Ved Prakash Gulati
18007	Medical 4.0 and Smart Healthcare Systems: An Empirical Analysis of Adoption Resistance	Suchismita Swain, Saroj Kumar Patra, Ramesh Kandela, S. Vijayalakshmi, Kamalakanta Muduli



Session: **M1** | Day/Date: **13 Feb 2026, Friday** | Time: **02.00 pm to 04.00 pm (IST)**

Paper ID	Paper Title	Authors
13012	Development and Characterization of Sustainable Rattan Fiber Reinforced Polylactic Acid (RF/PLA) Composites	Saroj Kumar Patra, Subhakanta Nayak, Neeraj Kumar Sharma, Suchismita Swain
13019	A Comprehensive Review on Torsional Dampers: Design, Applications, and Future Integration with Spiral Spring Systems	Avinash Ankush Patil, Vishal Narayanrao Sulakhe, Kiran Kaware, Pankaj Wankhede
13015	SAM-M: An ESP32 Based Self Awareness Module for Intelligent Mechatronic Systems	Vaishnavi Anil Ambore
13011	Optimization for Trim Portion of B-type Pillar of Regular Passenger Vehicle Using Natural Reinforcement	Sanskriti N Tonage, P D Patil, S S Pimple
13014	Development of a Vision-Based Autonomous Robot for Godown Material Management	Atharva Dattatray Shingare, Anjali J Joshi, Bhuvaneshwar D Patil, Mayuresh B Shinde
13006	Smart tollgate system using image processing, IOT and database verification	Akshay Balasaheb Abhang, Anjali J. Joshi
13018	AI-Powered Autonomous Weed Detection and Removal Robot	Mayuresh B Shinde, Bhuvaneshwar D Patil, Anjali J Joshi, Atharva D Shingare
13005	AI Powered Autonomous Warehouse Robot	Shreenivas Hanmant Tamann, Bhuvaneshwar D Patil, Anjali J Joshi, Akshay B Abhang
13020	A Finite Volume Flow Solver Algorithm Using Helmholtz Velocity Decomposition	Manasi C. Shete, S. Pavithran, Somnath Nandi



Session: **CE3** | Day/Date: **14 Feb 2026, Saturday** | Time: **11.30 am to 01.30 pm (IST)**

Paper ID	Paper Title	Authors
11038	Blockchain in Global Cryptocurrency Payments: A Comprehensive Review	Pratik Lomesh Karwade, Pragati Patil, Komal Naxine
11003	Predictive Resiliency for Enterprise Container Payment Systems	Jes Kiran Ch
11019	Blockchain-Based Verifiable Credentials for Institutional Social Responsibility	Chetna Achar
11047	ADHCE-IDS Adaptive Hybrid Embedding and Transformer-Based Packet-Level Intrusion Detection	R. Panneerselvi, J. Visumathi
11076	Performance Evaluation and Comparative Analysis of ASGWO-TAR: Adaptive Secure Grey Wolf Optimization with Trust-Aware Routing for Wireless Sensor Networks	Hitesh Parmar
11126	Clinic Appointment Management System: A Web-Based Solution for Efficient Healthcare Scheduling	Kalyani Gaikwad
11133	Observability-Driven DevOps Using Big Data Analytics	Sachin Balaso Avaghade
11018	An Integrated Competitive Coding Platform Using Docker Sandboxing and Redis Queue Matchmaking	Humanshu J. Ise, Aditya M. Shelar, Tanishq S. Jagtap, Pallavi P. Ahire, Jayshree S. Mahajan



Session: **E1** | Day/Date: **14 Feb 2026, Saturday** | Time: **11.30 am to 01.30 pm (IST)**

Paper ID	Paper Title	Authors
14003	A Design Approach for Thermal Enhancement in Heat Sinks Using Rectangular Fins under Nanofluids Condition	Yogita Lokhande, Suraj Ghadage, Avinash Khadtare
14004	Neuromorphic Computing for Real-Time Adaptive Control in Autonomous Energy Systems	Anjali Goswami, Anjali Krushna Kadao
14012	A Geospatial Decision-Support Framework for Optimizing Municipal Solid Waste Management in Peri-Urban Areas.	Nikhil Shamsunder Borkar, Smita B. Patil
14014	Comprehensive Review of Sustainability Barriers in Indian Chemical MSMEs: Challenges, Drivers, And Transformation Pathways	Teena P Benny, R Malkiya Rasalin Prince, D Arulkirubakaran
16005	Synthesis of Magnetic Nanoparticles for the Photodegradation of Organic Pollutants in Wastewater Treatment at Room Temperature	Pawan Kumar Singh, Surrya Prakash D
17003	Lie Symmetry Analysis and Exact solutions for the Deformed Burgers equation	S. Suresh Kumar
14008	Seasonal Variation's of Water Hardness and It's Ionic Control in River Ganga at Diamond Harbour, West Bengal (2025)	Divya Ghildyal, Manisha Chaudhary, Rishikesh Tiwari, Anjali Pandey
13021	Performance Evaluation and Optimization of a Piezoelectric Footstep Energy Harvesting System for Smart Infrastructure	Dayanand Yesane, Shivam Mahadiwale, Abhijit Dalvi, Athrav Ubale
17002	A Gaussian Rotor for Electrically driven Compressor : Continuous Domain Topology Optimization of IPMSM	Ilakya Elumalai, Vinothini Gurudevan, Mohamed Khanchoul



Session: **C2** | Day/Date: **14 Feb 2026, Saturday** | Time: **01.00 pm to 02.15 pm (IST)**

Paper ID	Paper Title	Authors
15002	Research Perspectives on Semantic and Exchange Challenges in IFC-Enabled Structural Workflows	Mandeep Kaur, Harpal Singh
15008	Seismic Performance Evaluation of Reinforced Concrete Portal Piers: Influence of Geometric Parameters and Pier Height	Dixit Parmar, Jahanvi Suthar,
15009	Environmental Life Cycle Assessment of Recycled Coarse Aggregate from Construction and Demolition Waste in India	Jamal Ahmad, Aryan Khan
15022	Safe Piling and Erection of Temporary Steel Bridge at Intertidal zone in Marine Construction Projects	Zafar Pasha MD
15024	Modelling of Line of Balance Method Using Microsoft Project Software for Planning and Scheduling Repetitive Construction Projects	Deshmukh Achyut, Bhirud Yuvaraj



Session: CE4 Day/Date: 14 Feb 2026, Saturday Time: 01.00 pm to 03.00 pm (IST)		
Paper ID	Paper Title	Authors
11098	Performance Analysis of an Efficient Net-Based CNN for Binary and Multiclass Breast Cancer Histopathological Image Classification	Pooja H. Mane, U. L. Bombale
11108	PlantGuard: A Hybrid AI Framework for Automated Plant Disease Detection	Vijaya Eligar, Hemanth, Nandini S, Navya G
11052	H-CNN–Dense: A Hybrid Deep Learning Model for Real-Time Atrial Fibrillation Detection from Single-Lead ECG	Poonam Chhabra, Rosy Madaan
11113	Automated Detection of Urinary Tract Infections Using Basic Machine Learning on Routine Laboratory Parameters	Saranya K, Mohan Kumar A
11069	Intelligent Digital Inhaler with Biometric Fingerprint Sensor and AI-IoT for Advanced Healthcare Applications Technology	P.P. Selvi, P.Karputha Pandi, T.Sivakumar, P.Karthikeyan
11083	Enhancing Pigeonpea Leaf Disease Detection Through a CNN–ViT–GAN Based Deep Learning System	Madhukar Rathod, V Sudha Rani, Srikanth Kummari
11125	Pancreatic Cancer Detection and Diagnosis Using Deep Learning	Rajashree, Sagarika Patel, Vishnu B, Keerthan D
11021	The Rise of Digital Twins in Personalized Healthcare: A Comprehensive Survey on Applications, Technologies, and Challenges	Komal Prasad, Shreya Bhoyar, Gouri Revanwar, Laksh Singhaniya, Sayali Shinde



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