

International Conference on Multidisciplinary Engineering and Scientific Research 2026

18-19 May 2026 | Online Conference

Online Presentation Schedule

Google Meet Links will be shared with authors on or before 15 May 2026 through email

Day 1: 18 May 2026, Monday	
Activity	Time (IST)
Conference Inauguration	10.30 am to 11.30 am
Session L1	11.45 am to 01.30 pm
Session L2	02.00 pm to 03.45 pm
Session P1	04.00 pm to 04.40 pm
Session R1	02.00 pm to 03.40 pm

Day 2: 19 May 2026, Tuesday	
Session	Time (IST)
Session L3	11.00 am to 01.00 pm
Session L4	11.00 am to 12.30 pm
Session R2	01.00 pm to 02.30 pm

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Important Guidelines

- ❖ 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.
- ❖ **Non presented papers will not receive presentation certificate. Also, they will not be considered for the further publication process.**
- ❖ The time allotted for each paper is 10 minutes (8 minutes for presentation and 2 minutes Q & A)
- ❖ Authors are free to select their PPT template. Please add Paper Title, Authors Names and Affiliations in the First slide. Use appropriate font color and size.
- ❖ You are kindly invited to attend the Conference Inauguration on 18 May 2026.
- ❖ 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.
- ❖ Please refer to the conference website for updates. www.icmesr.com
- ❖ Please add the paper ID, Authors, Title and Session during communication so that we can assist you quickly.
Email: info.icmesr@gmail.com

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ICMESR 2026 : Paper Presentation Sessions

Session : L1 (Live Power Point Presentation - Online Mode)

Day and Date : **Monday, 18 May 2026** | Time: **11.45 am to 01.30 pm (IST)**

Paper ID	Paper Title	Authors
10005	Design and Experimental Validation of a Smart Demand-Controlled Kitchen Hood with Integrated IAQ Monitoring and CFD-Based Performance Analysis	Siddhita Vasant Mane
10007	Experimental Investigation of Mechanical Properties of Epoxy-UHMWPE Composites for Artificial Hip Joint Liners	Kiran Babaso Bansode, V. D. Wakchaure, S. A. Sonawane,
10020	Design and Development of ARNav: An Autonomous Rack Navigation Robot for Material Handling in Industrial Warehouse using ROS	Mallesh Chavan , Girija L. Teli , Prajwal D. Alekar, Vedant R. Hiwarde , Omkar M. Shinde
10027	Reduction Characteristics of Spur Gear Transmission Based on Particle Damping Materials	Komal Kabir Bhandare , S.N Khan , Pawankumar Sonawane
10018	CFD Analysis of Sequential Dual-Layer PCM Thermal Management for a Cylindrical Li-Ion Battery Using RT-35 and RT-42	Sarag Rajendra Motghare, Mahesh Kulkarni
10022	Development of a Modular Multi-Mode Mobile Robot Integrating AGV and AMR Functionalities	L B Abhang , Roshan Dnyaneshwar Narode
10015	Optimization of TPU 3D Printing for Prosthetic Finger Joints with Tensile and ANSYS Validation	Sampada. S. Ahirrao, Aditya. R. Wankhade, Dattaray. P. Kamble, Atharva Ghag
10001	Traction Envelope Characterization and Force-Modeling Framework for Universal Cart-Compatible Autonomous Tugbots	Devanshu Deepakkumar Nagmode, Vidula Sudhir Sardesai, Aditya Singh, Vaishnavi Vyankatrao Wange, Mahadevareddy
10008	Design and Development of 3D Scanner for Reverse Engineering	Abhishek Kiran Gulve, Rupesh Vilas Somavanshi, Sanket Sudhakar Baviskar, Anil Popat Darade, Rahulkumar Madhukar Sonar

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Session : L2 (Live Power Point Presentation - Online Mode)

Day and Date : **Monday, 18 May 2026** | Time: **02.00 pm to 03.45 pm (IST)**

Paper ID	Paper Title	Authors
20026	Glaucoma Detection Using Image Processing Techniques	Pavan M , Pavan V S , Pranav H Nayak , Sanath G Kowndinya , R Manjunatha
20025	Retinal Vessel Analysis for Early Detection of Retinopathy of Prematurity Using Image Processing	R Manjunatha,Kadambari M,Safa Fathima,Sania Anjum
20018	Box Office Revenue Prediction With Advanced Machine Learning Models	Sarvesh P, Prassanna Balaji , Sanjay M, Bharath Kumar, Ramya G
20010	Automation of Onion Storage Management and Monitoring System using PLC	S.S.Pandharkar, Asmita Bhagwat, Aditya Behale, Pranjali Lokhande
20009	Development of PLC controlled automated coffee vending machine	G.B.Mhaske, Pratiksha Shelar, Samiksha Khobare, Tejas Shinde, Aniket Wakchavare
20015	Early Switching Power Estimation of Digital Circuits Using Machine Learning	Bhavithra S, Karthikeyan G, Ijaz Ahamed I
20008	Design and Development of an Automated De-Riveting and Disassembly System for Circuit Breakers	Gaware Aniket Ashok, More Aniket Balasaheb, Warghude Devendra Sunil, Shelar Kanhaiyya Mukunda, L. B. Abhang
10009	Design and Implementation of a PLC-Based Sorting System for Warehouse Management	L B Abhang, Abhijit Kandalkar
10002	SCADA Controlled Multi-Ingredient Bottle Filling System using Conveyor Mechanism	M. D. Balsaraf, Shravani Arote, Anuja Kadam, Atharva Dighe

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Session : P1 (Poster Presentation - Virtual Mode)

Day and Date : **Monday, 18 May 2026** | Time: **04.00 pm to 04.40 pm (IST)**

Paper ID	Paper Title	Authors
20011	Design of a Low-Cost Hybrid Unmanned Aerial-Ground Vehicle for Pipeline Infrastructure Inspection	Aditya Kulkarni, Chaitanya Bante, Payal Chavan, Adityakant Mehta, Akshay Shinde
40035	Automater A Node Based Workflow Automation Tool	Param Dilip Khatod, Rohan Subhash Gadakh, Rushikesh Rajendra Gangurde, Apeksha Ashok Nikam, Yogita K Desai
40062	Machine Learning-Based Android Adware Detection	Pranali Rajendra Mane, Sanjaykumar P. Pingat
70006	Limitations of Large Language Models and Machine Learning Systems in Multimodal Autoimmune Disease Diagnosis	Surabhee Bhalerao

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Session : R1 (Recorded PPT / Video Presentation - Virtual Mode)

Day and Date : **Monday, 18 May 2026** | Time: **02.00 pm to 03.40 pm (IST)**

Paper ID	Paper Title	Authors
40001	Comprative Analysis of Machine Learning Models for Cardiovascular Disease Prediction	Akhil Tripathi
40002	Smart Lab Report Analyser: An Intelligent System for Automated Extraction, Analysis, and Interpretation of Medical Laboratory Reports	Geevith N, Lakshnapathi Ravi, G. Sakthivel Kumaraan
40004	Crop Yield Prediction System using Random Forest and Linear Regression	Shrivatsav J, Sanjay Kumar V
40006	AI-based data analytics for consumer behaviour prediction in digital marketing	Ashutosh Sharma
40010	Automated Email Spam Classification with Adaptive and Explainable Learning	C Dilli Yadav,G Harish Raj, R. Vaishnavi,
40014	Mobile-Based Real Time Exercise Posture Analysis with Corrective Feedback	Laxmikant Kulkarni, Abhay Shitole, Samruddhi Bore, Megha Kadam
40015	Automated Tourist Detection and Behaviour Reporting System Using YOLO and BERT	Vaishnavi Anil Narode, Kalyani Dilip Karde, Srushti Nitin Waghmare, Srushti Sandeep Patil, Ashwini Nitin Mungase, Anilkumar Vishwanath Brahmane
40021	Outsourcing As A Pathway To Proficient Improvement & Career Progression For Program Developers	D Sunilkumar, J Pradeepkandhasamy
40027	EMOSIC: Emotion-Based Music Player	Antony A Chirayath, Aravind S Menon, Arun Prasad M, Nisy John Panicker
40040	Towards a Robust and Intelligent Hybrid Ensemble Framework for Next-Generation Facial Recognition Systems	Jaswanth N ,Joel Godwin S , S . S. Sathya
40044	AI-Enabled Framework for Continuous Cybersecurity Awareness in Healthcare SMEs: A Behavior-Centered Approach	Kalyan Killari, Rahul Azmeera, Abuzar Hamza
40058	CycleGAN-Based Face Aging and Rejuvenation System for Age-Invariant Facial Recognition	Anish Milind Bhanji, Sanjaykumar P. Pingat

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Session : L3 (Live Power Point Presentation - Online Mode)

Day and Date : **Tuesday, 19 May 2026** | Time: **11.00 am to 01.00 pm (IST)**

Paper ID	Paper Title	Authors
30006	Experimental and Analytical Study of RC Portal Frames Subjected to Lateral Load	Jahanvi Miteshkumar Suthar, Antariksh Mohaniya
30007	Spatial Analysis of Real Estate Growth Around Industrial Area Using Remote Sensing and GIS	Aniket Babasaheb Divate, Pravin Bhasme
30003	Sustainable Concrete with GGBS and M-Sand: Experimental and Machine Learning Approach	Peddakota Suresh, Badana Govindrajulu
80002	Fabrication and Comparative Evaluation Of Iodine And Copper-Based Electrolytes In DSSCs Using Organic And Metal Complex Dyes	Arsha Ravi, Suraj Soman
80003	Optimization Protocols for Fabrication of Dye-Sensitized Solar Cells Using Indigenous Blade Coating System	Sivaranjini P P, Suraj Soman
80011	Design and performance evaluation of a vibration isolator using polycomposite material for sustainable engineering application	Samruddhi Anil Patil, Samir Kumbhar, Sadanand Ghanavat
50004	Study of Laue Leaves Extracts (LLE) Inhibitive effectiveness of Mild Steel in 1M NaCl Solution Medium	Abraham Yerinmearede Erebugha, Keneotubo Ekuromokumo Okubo
50003	Sustainable Selection of Sheep Wool Reinforced Polymer Composites for Automotive Applications Using a Hybrid CRITICâ€™TOPSIS Framework	Mangesh S. Mohan, Ravindra K. Garmode, Vivek R Gaval, Dattatray P. Kakad
50005	Study of the Inhibitive effectiveness of Laue Leaves Extracts (LLE) on Mild in 1M H2SO4 Solution Medium	Abraham Yerinmearede Yerinmearede Erebugha, Alfred Onakemu Oyibo
60001	Influence of Slip and Variable Fluid Properties on Peristaltic Flow of Jeffrey Fluid in an Inclined Channel	Rajshekhar S Heera

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Session : L4 (Live Power Point Presentation - Online Mode)

Day and Date : **Tuesday, 19 May 2026** | Time: **11.00 am to 12.30 pm (IST)**

Paper ID	Paper Title	Authors
40050	Autonomous Delivery Robots for Last-Mile Logistics: A Comprehensive Review of Navigation, Optimization, and Human Acceptance	Payal P. Rajput, Vilas Kanthale
40009	Vulnerability Detection in Smart Contracts Using Automated Security Analysis Tools	Dharshini Sri S, Umamaheswari D, Jayapriya J
40030	Student Transit Portal: A Web-Based Platform for Managing Seasonal Native-Place Travel for Hostel Residents	Sivaprakash-S, Uma Maheswari-M, Ramya-S, Archana-M
40026	Context-Aware Deep Learning Architecture for Pothole Detection with Confidence-Based Risk Evaluation in Intelligent Transportation Systems	Arjun D, Sanjeevraj T, Asis Marceline V
40046	User behaviour analysis for product improvement using machine learning	Sathiyarayanan , Mathavan Ashok , S Akash , Abdul Samad
40032	Reinforcement Learning-Based Industrial Quadruped Robot for Rough Terrain Navigation	Apeksha Shelar, Abhishek Kumar Upadhyay
10010	Transaction Fraud Detection System using DL & ML	Pratiksha Subhash Bhutekar

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Day and Date : **Tuesday, 19 May 2026** | Time: **01.00 pm to 02.30 pm (IST)**

Paper ID	Paper Title	Authors
10016	Optimization of CNC Dry Milling Parameters for MSS 410 and MSS 420 Using Taguchi Method: A Comparative Study on Machining Temperature	Pradeep George, Pramod George
10019	Design and Testing of a Modular Autonomous Delivery Robot for Healthcare and Industrial Service	Aaryaman Kochar, Girija Dahimiwal, Vilas Kanthale
10023	Monte Carlo Simulation-Based Robustness Evaluation of Environmental Barrier Prioritization in Indian Chemical MSMEs Using AHP & TOPSIS	Teena P Benny, R Malkiya Rasalin Prince, D Arulkirubakaran
20012	Spring suspension based Bio robotic servo knee mechanism	Shivaji Padharakar, Manasi Jagdish Aher, Rashmi Nitin Sonawane, Chetan Dilip Sinare, Rutuja Dilip Satpute
20016	IOT Enabled Stem Learning Kit With An Educational Drone For Interactive Learning Applications	M.Selvakumar, Muhammed Sameer, Sowmya K
30001	Effect of Water-Binder Ratio on Strength Properties of M25 Grade LC3 Concrete under CO2 and Conventional Water Curing	Chhaya Rawat, Mehtab Alam, Vikas Prabhakar

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