

INTERNATIONAL CONFERENCE ON APPLICATIONS OF AI AND MACHINE LEARNING (ICAML-2025), 22nd- 23rd February, 2025

Venue: The Institution of Engineers (IEI), Madhya Marg, Sector 19-A,
Chandigarh, India, Pin: 160019

Schedule

22 nd February 2025		
930 to 1100 Hrs	Registration	
Inaugural Session (10:30 AM to 1:30 PM)		
1100 to 1105 Hrs.	Garlanding of Statue of Bharat Ratna Sir M Visvesvaraya	
1110 to 1115 Hrs.	Presentation of Bouquets	
1115 to 1120 Hrs.	Welcome Address by Prof. (Dr.) Baljit Singh Khehra FIE, Chairman, Pb. & Chd. State Centre	
1120 to 1135 Hrs.	Address on the theme of International Conference by Conference Chair	
1135 to 1155 Hrs.	Address by Dr. Harpreet Singh, Professor, Wayne State University, USA	
1155 to 1210 Hrs.	Address by Prof. (Dr.) T.S. Kamal FIE, Former Vice-President IEI	
1210 to 1230 Hrs.	Address by Keynote Speaker Prof. (Dr.) Valentina E. Balas, Aurel Vlaicu University of Arad, Romania	
1230 to 1250 Hrs.	Address by Keynote Speaker Dr. Manish Snehi, Senior Technology Architect, Infosys Limited, USA	
1250 to 1300 Hrs.	Address by Guest of Honour Dr. Ravinder Singh Jandu	
1300 to 1310 Hrs.	Address by Chief Guest Dr. Renu Vig, Vice-Chancellor, Panjab University, Chandigarh	
1310 to 1315 Hrs.	Releasing of the ICAML Proceedings	
1315 to 1320 Hrs.	Releasing of poster of "ICAML-2026"	
1320 to 1325 Hrs.	Presentation of Mementoes	
1325 to 1330 Hrs.	Vote of thanks by Er. Karnail Singh FIE, Hony. Secy., Pb. & Chd. State Centre	
Lunch (1330 to 1430 Hrs)		
1430 to 1630 Hrs	Technical Sessions	
23 rd February 2025		
1000 to 1230 Hrs	Technical Sessions	Online
Lunch (1230 to 1330 Hrs)		
1330 to 1530 Hrs	Technical Sessions	Online
Tea Break (1530 to 1545 Hrs)		
Valedictory Session (1545 Hrs. to 1635 Hrs)		

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Schedule of Presentations

Technical Session I (22nd February, 2:30-3:30 PM, Afternoon) Offline

Venue: Hall - 1

Author Name	Paper-ID	Title
Rishita Mantri	3	Bridging Art and Fashion: AI-Driven Techniques for Seamless Design Integration
Jayashree Ashok Salunkhe	46	Sarcasm Detection For Hindi Social Media Text
John Telesphory Mhagama	79	Recommender System Using Machine Learning Techniques: A Review Paper
Dr Mala Kamboj / Dr Achla Bharti	112	Artificial intelligence assisted intraoral image analysis to identify and distinguish oral potentially malignant disorders and oral cancer
Nikhil Dangi	139	An Enhanced Underwater Object Detection Using Optimised Deep Learning
Lalisa Diribsa Raga	268	Develop load-balancing applications in Software-Defined Networking (SDN) under Distributed Denial of Service (DDoS) attacks.
Manpreet Kaur Aulakh	272	A Comprehensive Review of Video Forgery Datasets: Availability, Features, and Analysis

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Schedule of Presentations

Technical Session II (22nd February, 3:30-4:30 PM, Afternoon) Offline

Venue: Hall - 1

Author Name	Paper-ID	Title
Suchetan Ghosh	142	Machine Learning-Driven Genetic Disorder Prediction with Explainable AI for Clinical Applications
Anand kumar / Aayush gupta / Vasu	153	Ai-powered innovations in traffic management system : a comprehensive review
Arunima Haldar	180	Deep Linguistic Analytics: A Vector-Based Framework for CSR Communication Analysis using LLMs
Kiranpreet Kaur	238	A Review on 6G Technologies Horizons – Characteristics, Challenges, and Research Directions
Amandeep Kaur	150	Exploring Multi-Object Tracking: Machine Learning and Transformer-based Methods and Dataset Analysis
Shikha Garg	8	Leveraging Smart Contract for Blockchain-Based Collaborative DDOS Mitigation in SDN-Enabled Autonomous Systems
Reshu	30	Exploring Features For Driver Fatigue Detection

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Technical Session III (23rd February, 10:00 AM - 11:15 AM)

Venue: Online

Author Name	Paper-ID	Title
Nagula Sai Sathvik	2	Real-Time Patient Monitoring using AIML
Preetham H B	16	Immediate Chemical Alerts For Drugging Crime Defence
Vishal Singh	41	Empowering Users: The Role of Cybersecurity Awareness in Protecting Personal Data
Anushka tyagi	53	Vigilant Vision: A Review on Real-Time Fight Detection Using Computer Vision and Deep Learning
Akanksha Dhamija	56	Investigative research on multiple document summarization in healthcare domain
Kakunoori Maneesh Reddy	65	Symptom Based Drug Recommendation System Using Machine Learning Algorithms

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Technical Session IV (23rd February, 11:15 AM - 12:30 PM)

Venue: Online

Author Name	Paper-ID	Title
ISSAC V	68	Revolutionizing Audiological Reporting through Audiogram Digitization and AI Integration
Kunal Aggarwal	80	AI-Powered Emotion Detection and Sentiment Analysis for Mental Health Care: A Comprehensive Review
Harshitha Dwaram	81	Unlocking Insights: Generating Synthetic Data with GANs Across Diverse Datasets
Akshat Sharma	94	Harnessing YOLOv4 and Faster R-CNN for AI-Driven Pothole Detection and Road Infrastructure Analysis
Jaiden Dsouza	98	Open Set Logo Detection and Blurring Using YOLOv5 and CSP ResNeXt-50
MRIDVI SHARMA	101	Trip Trove- Comparative Review Analysis

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Technical Session V (23rd February, 1:00 PM - 2:15 PM)

Venue: Online

Author Name	Paper-ID	Title
Arup Kumar BHattacharjee	109	A Novel Neural Network Approach for Solving Multi-Objective Capacitated Single Allocation Hub Median Problem
Ujan Pradhan	114	Anomaly Detection in Crowds: Predictive and Explainable Approaches Using RNNs, GANs, and XAI
Gottapu Hitesh	126	Real-Time Code Quality Prediction with Explainable AI and Interactive
Pruthvi Darshan S S	129	Driverless Autonomous Car Using Sensors and Deep Learning Techniques
Mohamed Azharudeen M	141	Spiking Meets Ann: A Hybrid Architecture For Energy-Efficient, Multimodal Language Modeling
Sukanya Singh	148	Enhanced Brain Tumor Segmentation Using a Detectron2 and CRF Based Hybrid Framework for Boundary Refinement
TRESA MARIA JOSYLIN	152	A Comparative Study of Autoencoder Architectures for Noisy Image Reconstruction
Yogesh K N	157	Leveraging Vision Transformers and MobileNet for Corrosion Detection: A Holistic Framework

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Schedule of Presentations

Technical Session VI (23rd February, 2:15 PM - 3:30 PM)

Venue: Online

Author Name	Paper-ID	Title
Vivek Chaudhary	175	Integrated Pothole Detection and Damage Assessment Model for Road Analysis
Dhyanesh S J	177	IOT-Based Surveillance System For Flood Monitoring Using Computer Vision
Varshini M S	182	Optimizing Knee Osteoarthritis Assessment Through Resnet-18 Classification
Pradhyumna Paloju	188	Early Identification of Critical Health Conditions of Breast, Chest, and Brain through Medical Imaging
Jefferin Kennedy J	220	Deep Learning Based Intelligent System For Visually Impaired Persons At Bus Station
Busra Beevi A	227	Multi-class Lung Disease Classification Using an Enhanced Vision Transformer: Performance Analysis and Clinical Implications
Pragya Rajput	254	Real-Time Facial Emotion Recognition Using CNN: A Comparative Analysis and Implementation of Deep Learning