



2nd International Conference on Deep Learning and Visual Artificial Intelligence (ICDLAI-2025)

20th - 21st December, 2025

CONFERENCE SCHEDULE

Date	Session Details	Session Expert Details	TIME	
20 Dec. 25	Registration	Registration Desk: JIET Conference Hall	9:15 AM – 10:15 AM	
	Inaugural Ceremony	Garlanding of Maa Saraswati Statue		10:15 AM - 10:20 AM
		Welcome Address & Conference Introduction Prof. Pratibha Peshwa Swami, Head, Department of CSE (AIML), JIET		10:20 AM - 10:25 AM
		Opening Remarks Prof. Avnish Bora, Director-JIET		10:25 AM - 10:30 AM
		Address by the Chief Guest, Dr Raj Sandu, Dean of Technology, AIBI Higher Education, Sydney, Melbourne		10:30 AM - 10:40 AM
		Address by the Guest of Honour Prof. Dharam Singh, Department of Computer Science, Namibia University of Science & Technology		10:40 AM - 10:50 AM
		Address by the Presiding Guest Prof. (Dr) K. R. Chowdhary Former Professor & Head, CSE Department, M B M Engineering College, JNV University, Jodhpur		10:50 AM - 11:00 AM
		Address by the General Chair Dr. Manoj Kuri, Former Principal, Engineering College Bikaner		11:00 AM – 11:05 AM
		Keynote Address Dr Amit Joshi, Director, Global Knowledge Research Foundation, Ahmedabad		11:05 AM - 11:35 AM
		Prof. Nilanjan Dey, Department of CSE, Techno International New Town, Kolkata		11:35 AM – 12:05 AM
	Felicitation and Vote of Thanks Dr. Vishal Gaur, Dept of Computer Application, Engineering College, Bikaner		12:05 AM - 12:10 PM	
High Tea			12:10 PM -12:30 PM	



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Date	Session Details	Paper ID	Paper Title	Mode
20 Dec. 25	<p style="text-align: center;">SESSION-1 (12:30 PM-01:30 PM)</p> <p style="text-align: center;">Session Chair Dr. Amit Singla HoD, Computer Science Department, SD Bihani PG College, SriGanganagar (Offline)</p> <p style="text-align: center;">Dr. J S Brar HoD, Computer Science Department, SGN Khalsa College, SriGanganagar (Offline)</p> <p style="text-align: center;">Dr Sanjay Gaur Dean, Research & Innovation, JIET (Offline)</p> <p style="text-align: center;">Session Location Lab 5, CSE Department, JIET</p>	Session 1 Link: https://meet.google.com/jgx-mmht-hqw		
		190	Code Smell Detection via Pearson Correlation and ML Hyperparameter Optimization	Online
		111	AI-Based Virtual Trainer for Personalized Learning	Offline
		262	Enhancing Artificial Intelligence (AI) Workforce Readiness through University-Industry Collaboration: A Case Study of AI Skills Development in Australian Higher Education	Offline
		39	Neural Network-Based Surrogate Modeling for Fast Solid Mechanics Simulations	Online
		108	ViT-CNN: A Lightweight Model for Efficient Hyperspectral Image Analysis	Online
		247	Environmental Monitoring and Conservation: An Ethical AI Perspective	Offline
	Session 2 Link: https://meet.google.com/jsj-huwb-zbi			
	<p style="text-align: center;">SESSION-2 (12:30 PM-01:30 PM)</p> <p style="text-align: center;">Session Chair Dr. Jyoti Gajrani, HoD. Dept. of CSE Engineering College, Ajmer (Online)</p> <p style="text-align: center;">Dr. Bhawna Sharma HoD. Dept. of CSE JECRC University, Jaipur (Online)</p> <p style="text-align: center;">Dr A M Khan Dean, Sciences & Humanities, JIET (Offline)</p> <p style="text-align: center;">Session Location Lab 6, CSE Department, JIET</p>	252	Analysis of Particle Swarm Optimization and Grey Wolf Optimizer for Feature Reduction in Deep Learning-based Object Recognition Tasks	Online
		198	A Robust and Scalable Framework for Deepfake Detection Using ResNet18-Based Transfer Learning	Online
		170	Deep Learning-Driven IoT System Using Dark Net Convolutional Neural Network for Papaya Growth Tracking and Productivity Improvement	Online
		251	Sustainable Modernization of Medium-Voltage Power Grids Using a Multi-Criteria Decision-Support Framework	Online
		122	Using Genetically Improved K-Nearest Neighbour algorithm for effective and efficient Android Malware analysis	Online
		109	Ingredient Recognition in Food Images via Vision Transformers with Object-Aware Embeddings	Offline
Keynote Session (12:30 PM-01:30 PM)	<p>Topic: "Emerging Trends in AI-Driven Automation, Generative AI, & Intelligent Testing" Speaker: Mr. Kathiresan Jayabalan, Ph.D Researcher, Mastercard Technologies, USA Session link: https://meet.google.com/ges-bvur-iab</p>			

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Date	Session Details	Paper ID	Paper Title	Mode
	Lunch (01:30 PM-02:15 PM)			
20 Dec. 25	<p style="text-align: center;">SESSION-3 (02:30 PM-04:00 PM)</p> <p style="text-align: center;">Session Chair</p> <p>Dr. Vikas Gupta Vidyavardhini's College of Engineering & Technology, Mumbai (Offline)</p> <p>Dr. Arun Purohit, Hod, Mech. Engineering Engineering College, Bikaner (Offline)</p> <p>Dr. Mukesh Kalla HOD, CSE Department, ICFAI University Jaipur (Online)</p> <p>Ms. Mamta Garg Dean, FCE, JIET (Online)</p> <p>Session Location Lab 5, CSE Department, JIET</p>	Session 3 Link: https://meet.google.com/bjb-jvms-wci		
		238	An Empirical Study of Encoder Architectures for Monocular Depth Estimation	Online
		279	Application of Artificial Intelligence Methods for Optimization of Industrial Welding Processes	Online
		171	BENCHMARKING TRADITIONAL AND DEEP MACHINE LEARNING MODELS FOR SEIZURE DETECTION WITH MULTI-SENSOR MODALITIES	Online
		34	A Knowledge Graph and Reinforcement Learning Framework for AI-Driven Drug Discovery and Repurposing	Online
		48	A Machine Learning-Driven Pipeline for Structured Data Extraction from Pharmaceutical Package Inserts Using OCR and Semantic Hashing	Online
		91	A Hybrid Image Fusion; ½Deep Learning Method for Brain Tumor Identification	Online
		51	Exploring the Impact of Machine Learning Approaches on the Evolution of Hybrid Recommender Systems	Online
		199	Leveraging Artificial Intelligence and Machine Learning for the Detection of Face-Swap Deepfake Videos: A Comprehensive Review and Proposal for a Novel Ensemble Approach	Online
	192	Analyzing Human Cognitive Proficiency Using Face Recognition in Deep Learning	Offline	
	Session 4 Link: https://meet.google.com/bci-atfz-pyi			
	<p style="text-align: center;">SESSION-4 (02:30 PM-04:00 PM)</p> <p style="text-align: center;">Session Chair</p> <p>Dr. Anand Sharma Associate Professor, MITS, Lakshargarh, Sikar (Offline)</p> <p>Dr. Prabhujyot Singh Churchill Institute of Higher Education, Sydney, Australia (Offline)</p> <p>Dr Bhuvnesh Rathore,</p>	106	MM-CNNRNN: An Algorithmic Framework for Multi-Modal Malware Detection Integrating Binary Code and System Call Sequences	Online
		273	Evolution of Remote Sensing and AI in Monitoring Urban Sprawl: A Chronological Review of Methodologies and Applications in India	Online
		138	Exploring The effect of Virtual Artificial Intelligence on Innovation Outcomes: The Mediating Role of Innovation Capability	Online
		191	Hybrid CNN-BYOL Approach for Fault Detection in Induction Motors Using Thermal Images	Online
		278	Orchestrating AI Microservices for Adaptive Fraud Detection and Compliance in Modern Financial Systems	Online



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Date	Session Details	Paper ID	Paper Title	Mode
	Professor, CSE(AIML) Department, JIET	277	AI-Augmented Site Reliability Engineering: Enhancing Resilience and Compliance in Financial Systems	Online
	Session Location Lab 6, CSE Department, JIET	257	A Comparative Analysis of Classification Algorithms for Next-Generation Travel Recommender Systems	Online
		186	Real-Time Patient Deterioration Prediction in Intensive Care Units Using Recurrent Neural Networks	Offline
		253	Influence of AI-Based Talent Analytics on Employee Productivity and Retention: The Roles of Job Satisfaction and Leadership Support	Online
High Tea				4:00 PM
21 Dec. 25	Breakfast (9:00 AM-10:00 AM)			
	SESSION-5 (10:30 AM -12:00 PM) Session Chair Dr. Raman Chadha Professor, Chandigarh University, Chandigarh (Online) Dr. Hardeep Singh Sodhi Professor, Amritsar Group of Colleges, Amritsar (Online) Dr. Pankaj Sharma Assistant Professor, Engineering College, Ajmer (Online) Dr Rajendra Kachhwaha Professor, CSE(AIML) Department, JIET Session Location Lab 5, CSE Department, JIET	Session 5 Link: https://meet.google.com/imf-ytip-gvq		
		84	From Disposal to Circular Solutions: A Bibliometric Review of Global E-Waste Research Patterns	Online
		185	IOHGCRNet: An efficient Convolutional Neural Network for Isolated Offline Handwritten Gujarati Character Recognition	Offline
		167	Personality responsive persuasive design to achieve sustainable education	Online
		110	HDOCNET-A New Deep Learning Approach for Recognition of Historical Kannada Handwritten Manuscripts	Online
		205	Exploring AI-Enhanced Mathematical Modeling Techniques for Abrasive Water Jet Machining: A Multi-Approach Framework Integrating Neural Networks, Dimensional Analysis, and Predictive Algorithms	Online
		297	Lesion-Preserving Diffusion Editing for Counterfactual Phototype Invariance in Dermatology Classification	Online
		217	Design and Performance Analysis of Single and Dual Port MIMO Antenna using Trident Shaped Structure for 5G/6G Wireless Communication	Offline
		300	Intelligent Data Extraction and Matching System for Cargo Shipping Emails	Online
	SESSION-6 (10:30 AM -12:00 PM) Session Chair Dr. Nonita Sharma	Session 6 Link: https://meet.google.com/sah-tkxg-txk		
	226	Face Recognition using Deep Learning Approach for Student Attendance Monitoring	Offline	



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Date	Session Details	Paper ID	Paper Title	Mode	
21 Dec. 25	<p>Indira Gandhi Delhi Technical University for Women, New Delhi (Online)</p> <p>Dr. Sonia Arora Deputy Head CSE-AIML Noida Institute of Engineering & Technology, Greater Noida (Online)</p> <p>Dr. R Sujatha Professor, VIT, Vellore (Online)</p> <p>Dr Rajendra Purohit Professor, CSE Dept., JIET</p> <p>Session Location Lab 6, CSE Department, JIET</p>	233	Revolution Optimization Algorithm based Graph Neural Network for Buchi Automata Classification	Online	
		218	FetalTileNet: A Comprehensive Deep Learning Pipeline for Multi-Class Fetal Ultrasound Classification with Abnormality Detection	Offline	
		124	AI-Driven Ethical Engagement: A Framework for Research with Indigenous Communities in Namibia	Online	
		49	An Enhanced learning model for Detection of digits in images using deep learning techniques.	Online	
		223	Enhancing the Interpretability of CNN-Based Brain Tumor Detection in MRI Scans Using Explainable AI Techniques	Offline	
		174	Performance Comparison of Clustering K-SVD with MOD, K-SVD, SimCO, and BLOTLESS-Update in Sparse Dictionary Learning	Online	
		176	Few-Shot Pet Emotion Recognition Using Prototypical Networks with ResNet-34 Backbone	Online	
		SESSION-7 (10:30 AM -12:00 PM)	Session 7 Link: https://meet.google.com/xxj-eija-ycd		
		Session Chair Dr. Vishal Jain Professor, Vivekananda Institute of Professional Studies, New Delhi (Online)	219	Superspreading and Vaccination: The Role of Heterogeneity in Reducing Herd Immunity Thresholds	Offline
		<p>Dr. Jitendra Upadhyay Shrimad Rajchandra Institute of Management and Computer Application Bardoli, Gujarat (Offline)</p> <p>Dr Ashish Sharma Professor, CSE(AIML) Department, JIET</p> <p>Session Location Lab 7, CSE Department, JIET</p>	125	Security Threats in Smart Cities: Enhancing Intrusion Detection Systems	Online
			206	Comparative Analysis of Knowledge Graph Frameworks in Low-Resource Indic Languages	Online
			175	AI-Powered Multi-Modal System for Dental Disease Diagnosis and Prediction	Online
			248	An AI-based System for Activity Tracking, Progress Analysis, and Personalized Recommendations for Child Development	Offline
	178		Design and Evaluation of an AI-Powered Chatbot for Personalized Dietary Advice in Indian Context	Online	
		255	A Survey on Stock Market Prediction with Risk Management	Online	
		114	Security in the Margins: Categorizing Attacks and Requirements in Resources- Limited Sensor Networks	Online	



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21 Dec. 25	Valedictory Ceremony		Welcome Address & Conference Brief Prof. Pratibha Peshwa Swami, Head, Department of CSE(AIML), JIET	12:15-12:45PM
			Director's Address Prof. Avnish Bora, Director-JIET	
			Certificate Distribution	
			Vote of Thanks Dr. Vishal Gaur, Dept of Computer Application, Engineering College, Bikaner	
	Lunch (01:00 PM)			

All ICDLAI-2025 presented papers will be published in conference proceedings by Springer LNNS. ISSN: 2367-3370, Series: <https://www.springer.com/series/15179> indexed in SCOPUS, WTI AG, zbMATH, DBLP, EI Compendex, INSPEC etc.