

AICTC 2026

TENTATIVE SCHEDULE

Session Details	Paper ID	Paper Title	Mode
<p>DATE-17-APR-26</p> <p>SESSION 1</p> <p>TIME :12 PM-2 PM IST</p> <p>SESSION CHAIRS</p> <p>Dr. N. K Joshi</p> <p>Dr. Nonita Sharma</p> <p>Moderator:</p> <p>Jyoti Prabha</p>	<p>INAUGRAL LINK: https://meet.google.com/nyr-osns-axz</p> <p>TIME:10:30 -11:30 AM IST</p>		
	<p>Session 1 Link: https://meet.google.com/xjb-kkub-yoh</p>		
	184	Quantum Neural Networks - A Hybrid approach to Convolutional Neural Networks	Offline
	367	A GAN-Enabled Host-Based Intrusion Detection and Prevention Framework for DDoS Mitigation using SDN-Driven Real-Time Control	Offline
	361	Beyond Training Data: Architectural Determinism in Large Language Model Randomness	Offline
	300	Deep Learning-Based Analysis and Evaluation of Wheat Crop Health: A Comprehensive Review	Offline
	508	Prediction of Major Depressive Disorder from EEG Signals using a Hybrid Machine Learning Model and MODMA Dataset	Offline
	15	Comprehensive Review of Pre-Processing Techniques for Brain Tumor Prediction	Online
	109	A Systematic Literature Review on Predicting Genetic Disorders from Medical History Using Machine Learning	Online

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Session 2 Link: <https://meet.google.com/xed-mqsm-cxw>

SESSION-2

(12:00 PM-00:00 PM IST)

DATE :17-APR-26

SESSION CHAIRS

Dr. Zalak Thakrar

Dr. Nirav Mehta

Dr. Ajay Khunteta

**MODERATOR:
NIKITA GUPTA**

315	AUTOMATIC SPEECH RECOGNITION SYSTEMS: A COMPREHENSIVE REVIEW OF DATASET AND MODEL	Online
235	Design and Implementation of an Autonomous Cellular Edge Router on MT7628 SoC with SIM-Aware Network Reconfiguration	Offline
506	Feature Refinement and Structural Compression: Role of Attention Mechanism and Knowledge Distillation for Robust Acoustic Scene Classification	Online
592	Cybersecurity Enhancement in Industrial Digital Twins Using Behavioral Anomaly Detection and Blockchain-Backed Event Logging	Offline
27	A Review on Explainable AI for Medical Diagnosis: Improving Transparency in AI Healthcare Predictions	Online
2	Evaluating Data Augmentation Techniques for Aspect-Based Sentiment Analysis: A Joint and Pipeline Approach	Online
59	Analyzing the Impact of Chatbots in Different Sectors: A Review	Online

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<p>SESSION-3 (12:00 PM-02:00 PM IST) DATE-17-APR-26</p> <p>SESSION CHAIRS Dr. Amit Singla Dr. JS Brar Dr. Sanjay Gaur(JIET)</p> <p>MODERATOR: POOJA RATHORE</p>	<p>3 Link: https://meet.google.com/hhd-hoej-cst</p>		
	261	Optimizing Distributed Data Structures and Graph-Based Models for Scalable Cloud Computing	Online
	23	Hybrid Conversational AI for Context-Aware Health Information Retrieval	Online
	185	Smart Pharmacy Inventory Management in India: A Mobile-First Approach	Online
	186	Speech to Text Smart Glasses Using Embedded AI for Hearing Impairment	Online
	244	A Blockchain-Based Decentralized Crowdfunding Platform Using Smart Contracts	Online
	246	Design and Analysis of Composites Bandpass Frequency Selective Surfaces for X Frequency band Applications	Online
	217	An Adaptive Machine Learning Framework for Personalized E-Learning Based on Student Perception Analytics	Online

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<p>SESSION-4 (2:30 PM-04:30 PM IST)</p> <p>DATE-17-APR-26</p> <p>SESSION CHAIRS Dr. Yogesh Kumar Sharma Dr. Sanjay Gaur(GANDHI NAGAR) Dr. Sabyasachi Bhattacharyya</p> <p>MODERATOR: NANDINI ACHARYA</p>	<p>4 Link: https://meet.google.com/bes-smqg-dtf</p>		
	229	Clinically Constrained Causal and Counterfactual Ex-plainability for Breast Cancer Detection Across Multi-modal Imaging	Online
	245	Deep Learning Models for Potato Plant Disease Detection: A Comprehensive Review of Recent Research	Online
	140	Hybrid Deep Learning Approach for Emotion Recognition Using Eye-Tracking and Gaze in AR Environments	Online
	248	Comparative Analysis on the Performance of Regression Techniques for Weight Gain in Children	Online
	77	Machine Learning for Smarter Assistive Communication	Online
	247	A Machine Learning–Based Nutritional Meal Recommendation System for Underweight Children Using WHO Growth Standards	Online
	394	Edge-Enabled Smart Grid Optimization for Sustainable Urban Energy Systems	Online

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SESSION-5 TIME (2:30 PM-04:30 PM IST) DATE -17-APR-26 SESSION CHAIRS Dr. Jyoti Gajrani Monalisa Meena MODERATOR AASTHA SANCHETI	5 Link: https://meet.google.com/orv-kcsf-dvr		
	376	Design of a Context-Aware Hotel Recommendation Framework Using Hybrid Machine Learning Models	Online
	46	Roadmap to Deepfake Detection	Online
	265	Secure and Intelligent Healthcare Data Management using Blockchain and AI	Online
	352	AI in the hospitality industry: A systematic Literature Review	Online
	317	Predictive and Prescriptive Analytics	Online
	464	Societal Impact of ICT: Muslim Parents' Perspectives on Digital Devices and Young Children's Islamic Identity	Online
	396	Legal Document Similarity Using a Regression Model on Enhanced Features by Bee Colony Optimization	Online
	427	A Comprehensive Study on Detection of Adulteration in Apples using Image-based Processing	Online

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SESSION 6 (2:30-04:30 PM IST) DATE-17-APR-26 Dr.Raj Sandu Dr. Prabjyoti Singh MODERATOR: AKSHARA SHARMA	6 Link: https://meet.google.com/ztw-dnhw-djy		
	350	A Deep Learning Approach for Plant Leaf Disease Classification Using VGG-16	Online
	355	Predicting Drug-Target Interactions using Machine Learning: A Data- Driven Approach for Accelerating Drug Discovery	Online
	501	Neuro-Symbolic Flood Intelligence: Synergizing Multi- Sensor Satellite Fusion with Retrieval-Augmented Generation (RAG) for Context-Aware Disaster Response	Online
	339	Design and Analysis of Inverter Air Conditioner using GTO	Online
	502	Adaptive Multi-Tier Log Classification: Synergizing Rule- Based Transformers and LLM Approach	Online
	398	A Hybrid Machine Learning Approach for Binary Network Intrusion Detection on the KDD Cup 99 Dataset: Integrating Feature Engineering and Anomaly Scoring	Online
	542	Obfuscation Detection in Drone APKs using Static Analysis	Online
	267	Vehicle Chasing Detection System for Emergency Vehicles to Intensify Road Safety for Smart Cities: A Systematic Study Approach	Online

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SESSION-7 (6:30PM-08:30PM IST) DATE-17-APR-26 SESSION CHAIR Dr. R SUJATA Dr Padma Joshi MODERATOR: KESHAV NARAYAN VYAS	7 Link: https://meet.google.com/mrq-gkhv-rez		
	539	An Agentic Multi-Agent Architecture for Cybersecurity Risk Management	Online
	562	Agentic AI for Clinical Urgency Mapping and Queue Optimization in High-Volume Outpatient Departments: A Simulation-Based Evaluation	Online
	536	Pedagogical AI in Mental Health: A Tri-Stream Fine-Tuned LLM Framework for Automated Clinical Supervision and Risk Triage	Online
	455	YOLOv11-Based Face Anti-Spoofing Using Deep Feature Classification	Online
	328	Learning Semantic Representations in Hilbert Space: A Quantum Approach to NLP Embeddings	Online
	588	Designing a Real-Time Digital Twin Framework for Smart Building Energy Optimization Using Sensor Fusion and Predictive Models	Online
	528	Designing End-to-End Business Solutions for Power Utilities: Integrating Geospatial Intelligence, Drone Operations, and Condition Monitoring The Narine-James Rapid Digital Execution Model	Online
	208	Machine Learning and Computer Vision Techniques for Weed Detection: A Systematic Review and Research Gap Analysis	Online

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SESSION-8 (11:30AM-1:30 PM GMT) DATE-17-APR-26 SESSION CHAIRS Dr.Ravish Gupta Venue: Tamale Technical University (TaTU),Ghana.	8 Link: https://meet.google.com/jzh-gzxu-xpc		
	351	Smart Auditing Systems and Digital Marketing Effectiveness in Financial Institutions in Ghana: The Role of Audit Independence and Technology Readiness in Enhancing Firm Value	Jonas Yomboi
	404	Digital Transformation Strategy and Organizational Performance. Evidence from ICT Enabled Firms in Emerging Economies	Diana Aduko Aburiya
	519	Blockchain Adoption and Supply Chain Sustainability in Public Infrastructure Construction Projects in Ghana	Prof Abdul Manan Dauda
	594	AI ADVANCEMENT ON SUSTAINABLE CONSUMPTION THROUGH TRUST AND CONSUMER AWARENESS	Esther Asiedu
	118	Leveraging Business Intelligence to Enhance Pharmacy Reporting: Botswana Case	Alton Thuo Mabina

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SESSION- 9 DATE- 17-APR- 26 TIME – 9 AM-11:00 AM AST SESSION CHAIR Dr.Saman Muhammad Omer Dr.Kamaram H. Manguri Jihad Anwar Qadir Venue: The University of Raparin (UoR)	9 Link: https://meet.google.com/cmo-fjne-qbo		
	239	The Role of Technological Capabilities in Crisis Management "An Analytical Study at Korek Telecommunication Company"	Bestoon Othman
	200	SHAP-Driven Interpretable Feature Selection for Multi-Class Depression Type Classification in Imbalanced Mental Health Survey Data	Hersh
	89	Validating Surface Area Decline in Dokan Lake Using Integrated Remote Sensing, GSV, and Official Hydrological Records	Shayan Ihsan Jalal
	100	The evolution of deep edge detection in image for objects classification	Halgurd Rasul Ahmed
	375	Earlier Evidence and Future Perspectives: Mini Meta-analysis and Systematic Review of Hybrid AI Algorithms for Evapotranspiration Modeling	Yousif Raad Muhsen
	490	Systematic Literature Review of Hybrid AI Algorithms for Reconnaissance Drought Index	Yousif Raad Muhsen
	113	Enhancing Prediction Accuracy with Data Mining Algorithm and Optimal Feature Selection	Karwan
	450	Causal Meta-Learning: Integrating Structural Causal Models for Reliable Out-of-Distribution Adaptation	Mustafa
	103	Real Estate Price Prediction in the Kurdistan Region: A Machine Learning Perspective	Zhwan Mohammed Khalid
	595	A Multi-Level Framework for Robust Drug Recommendation: Leveraging Ensemble and Hybrid Learning Models on Drug-Centric Data Analysis	Ali Fahem Neamah
	596	The Challenges and Opportunities of the Online Banking, Implications for Consumers in Iraq	Makwan Jamil Mustafa
	292	An Efficient and Lightweight CNN Model for Automated Mulberry Leaf Recognition	Saman M. Omer

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KEYNOTE SESSION

DATE- 18- APRIL-26 TIME- 10:30-11 AM IST	DR. SURESH VISHWAKARMA	ONLINE LINK: https://meet.google.com/cvf-ngyv-yno
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SESSION- 10 (11:30 PM-1:30 PM IST) DATE-18-APR- 26 Dr. Pankaj Sharma Dr. Devender Tiwari Dr. Jitendra Upadhyay MODERATOR: HARSHITA BHOJAK Venue:	10 Link: https://meet.google.com/hfw-ierr-wva		
	532	Artificial Intelligence and Game-Based Learning in STEM for All Educational Level: A Systematic Literature Review	Online
	538	A Systematic Literature Review on Deep Learning for Kidney Stone Analysis: Detection, Characterization, and Clinical Outcome Prediction from CT Imaging	Online
	174	A Data-Centric Evaluation of Fake News Detection Using Curated Datasets and Lightweight Models	Online
	499	A Lightweight Multi-Model Framework for Robust Facial Emotion Recognition with Cloud-Optimised Logging	Online
	444	TRACE: A Student-Operational Framework for Responsible Use of Generative AI in Undergraduate Coursework	Online
	299	A Hybrid Classical–Quantum Framework for Accelerating Machine Learning Algorithms	Online
	266	LiDAR Imaging for Ground and Airborne Mapping	Online

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SESSION- 11 (11:30 AM-1:30 PM IST) DATE-18-APR- 26 SESSION CHAIR Dr. Vimmi Pandey Dr. Suman Madan MODERATOR: Lakshya Gahlot Venue:	11 Link: https://meet.google.com/npz-bcdd-qtc		
	312	Multi-Layer Random Walks and Transfer-Learned Embeddings for Drug Repurposing	Online
	68	Unfolding Multi intelligence Advances (MITA) on Communication through Digital Twins Technology in EFL Students	Online
	69	Exploitation of Idiosyncrasies of Human-Robot Social Interaction with Generative AI in Constant Recalibration of the Intelligence Tutoring System of Sociology-Politic	Online
	196	AI-Generated Adventure Games in Language Learning: Evaluating the Impact of AI Dungeon on EFL Speaking Fluency and Collaborative Interaction	Online
	241	Towards apple leaf disease detection: A systematic review, open research challenges with future Perspectives	Online
	283	A Decentralized Zero-Trust Architecture for Securing AI Agent-to-Agent Communication in Web3 Ecosystems	Online
	333	Enhancing Pulmonary Fibrosis Prediction Using Multimodal AI with Large Language Models and Explainable Artificial Intelligence	Online
	428	Implementation of Unplugged Games within an Interdisciplinary Learning Model: Three Principles of Deep Learning for Early Childhood Education	Online

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<p>SESSION- 12 (2:30 PM- 4:30 PM IST)</p> <p>DATE-18-APR-26</p> <p>SESSION CHAIRS Neeraj Choudhary Dr. Pratibha Peshwa</p> <p>MODERATOR: Prerna Sharma</p> <p>Venue:</p>	<p>12 Link: https://meet.google.com/ozs-deww-sxt</p>		
	513	A Hybrid Explainable AI Framework for Diabetes Prediction Using Random Forest with LIME and SHAP	Online
	520	Fairness Without Demographics in Medical Imaging: Latent Group Discovery and Worst-Group Training for Dermatology Models	Online
	11	Adaptive and Intelligent Control Systems for Robotic Welding: Development, Challenges, and Recommendations	Online
	12	Analysis of Increasing the Efficiency of Food Packaging Technological Equipment	Online
	581	I-Enabled Digital Transformation and Career Transitions in Australia: A Mixed-Methods Study Using Platform Signals, Policy, and Labour-Market Data	Online
	593	Prompt Engineering, AHP, and Generative AI: A Hybrid Approach with ChatGPT and Grok for Multi-Criteria IT Vendor Selection	Online
	8	Research on the Thermal Reliability of Residential House Cable Connectors	Online

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SESSION- 13 (2:30 PM-4:30 PM IST) DATE-18-APR-26 SESSION CHAIRS Dr. Manali Gupta Dr. Sonia Arora MODERATOR: Venue:	13 Link: https://meet.google.com/bmp-tcsd-biq		
	74	A Review: Object Detection under Heavy Occlusion	Online
	73	A Deep Learning Approach for Parkinson's Disease Detection via Voice and Spiral Drawing Features	Online
	215	Predictive Patterns: Analysis of Gender and Grade Influences on Career Aspirations	Online
	281	A Conceptual Framework for AI-Driven Analysis of Muslim Youth Mental Health and Social Media Use in Malaysia	Online
	216	AI-Enhanced Recruitment and Selection: A Framework for Process Optimization and Employee Satisfaction	Online
	271	A Hybrid iHHO-RNN Method for Flower Classification	Online
	9	Overview and Efficiency Analysis of Heat Pump Applications in Energy Technologies	Online
	464	Societal Impact of ICT: Muslim Parents' Perspectives on Digital Devices and Young	Online