2ND INTERNATIONAL CONFERENCE ON
ADVANCES IN INTELLIGENT COMPUTING AND APPLICATIONS
AICAPS 2026

SCHEDULE

DAY-1 (11/02/2026)

Time	Event
10:00 AM – 11:00 AM	Inauguration
11:00 AM – 11:30 AM	Tea Break
11:30 AM – 12:30 PM	Key Note 1
12:30 PM – 2:00 PM	Lunch Break
2:00 PM – 3:30 PM	Session 1
3:30 PM – 4:00 PM	Tea Break
4:00 PM – 5:00 PM	Key Note 2
6:30 PM – 8:00 PM	Cultural Programmes & Networking Dinner

DAY-2 (12/02/2026)

Time	Event
10:00 AM – 11:00 AM	Key Note 3
11:00 AM – 11:30 AM	Tea Break
11:30 AM – 12:30 PM	Session 2
12:30 PM – 2:00 PM	Lunch Break
2:00 PM – 3:30 PM	Session 3

DAY-3 (13/02/2026)

Time	Event
10:00 AM – 11:00 AM	Key Note 4
11:00 AM – 11:30 AM	Tea Break
11:30 AM – 12:30 PM	Session 4
12:30 PM – 2:00 PM	Lunch Break
2:00 PM – 3:00 PM	Valedictory

Session 1
11/02/2026 (2:00 PM – 3:30 PM)

Paper ID	Room 1 Track I - Artificial Intelligence and Cognitive Systems
AICAPS – 30	Autonomous Content Generation and Management for Startup Social Media Marketing using Agentic AI
AICAPS – 32	Predictive Modeling of Cardiovascular Disease An Integrated Machine Learning Approach with Feature Selection and Dimensionality Reduction
AICAPS – 35	Data-Driven Crop Yield Forecasting in Tamil Nadu Using Advanced Deep Learning Models
AICAPS – 62	Hinglish Abusive Comment Detection Using Transformer-Based Models
AICAPS – 74	MAL-VSR : A Dual-Stream Architecture and Dataset for Malayalam Visual Speech Recognition

Paper ID	Room 2 Track I - Artificial Intelligence and Cognitive Systems
AICAPS – 182	Explainable AutoML for Efficient Detection of Thyroid Cancer
AICAPS – 197	Authorship Attribution of Malayalam Biblical Texts using Deep Learning
AICAPS – 218	CBAM-Enhanced Deep Learning Framework Using ResNet-101 and Mask-RCNN for Pill Identification in Pharmaceutical Quality Control
AICAPS – 239	Knowledge Graph-Based Semantic Framework for Infodemic Analytics: Insights from COVID-19 Tweets
AICAPS – 246	A Hybrid Transformer–Autoencoder–SVM Framework for Suicide Risk Detection from Reddit Text

Paper ID	Room 3 Track- III Computer Vision and Image Processing
AICAPS – 25	Vision Transformers for Precise Multi-class Diagnosis of Ocular Diseases
AICAPS – 26	Distance Perception in Vision-Language Models for Blind Navigation and Scene Interpretation
AICAPS – 56	An Adaptive Ensemble-Based Multi-Focus Image Fusion Framework Using Classical Methods and Convolutional Neural Networks
AICAPS – 123	Attention-Enhanced Mask R-CNN for Accurate Blood Cell Segmentation and Classification
AICAPS – 227	Multimodal Emotion Recognition Using Optimized Spatio-Temporal Graph Convolutional Networks
AICAPS – 236	FindMe.AI: A Multi-Modal Framework for Real-Time Missing Person Detection Using YOLOv5 and BERT

Paper ID	Room 5 Track – II Security, Trust, Privacy and Authentication and Track – IV Networking, IoT and Sensors
AICAPS – 162	A Hybrid DCT–CNN Framework for Adaptive and Secure Video Steganography with Multi-Chaotic Key Encryption
AICAPS – 224	Adaptive Cryptographic Strategy Selection for Blockchain Evidence Systems: A Hybrid ECC Signing Framework
AICAPS – 187	A Unified Task Scheduling Approach for Performance Optimization in 3D MNoCs
AICAPS – 190	SARA: A Scalable Fault Tolerant Routing Algorithm for 3D MNoCs
AICAPS – 191	Decentralized Adaptive Task Scheduling for 2D Wireless NoCs
AICAPS – 233	Performance Analysis of Congestion-Aware Genetic Algorithm-Based Adaptive Routing in Fault-Tolerant NoC

Session 2
12/02/2026 (11:30 AM - 12:30 PM)

Paper ID	Room 1 Track I - Artificial Intelligence and Cognitive Systems
AICAPS - 64	AI-Driven Quality Evaluation of Indian Wines Using Machine Learning Models
AICAPS - 135	CHARM: Context -Based Hierarchical Association Rule Mining For Analyzing Purchase Patterns
AICAPS - 138	EcoGRU-Based Deep Learning Framework for Smart Carbon Emission Tracking and Sustainable Mobility

Paper ID	Room 2 Track - II Security, Trust, Privacy and Authentication
AICAPS - 177	Detection of Malicious URLs Using a Hybrid Data-driven Adaptable Framework
AICAPS - 248	Multimodal Knowledge-Enhanced Misinformation Detection with Adversarial Robustness and Explainable AI
AICAPS - 137	AI-Powered Blockchain Digital Banking Fraud Detection System

Paper ID	Room 3 Track- III Computer Vision and Image Processing
AICAPS - 38	SIGN-SPEAK
AICAPS - 49	AI-Augmented Genomic Screening: Leveraging Vision-Language Models for Early Disorder Detection
AICAPS - 57	A Machine Learning-Based Indian Sign Language Recognition System with Integrated Audio-Visual Aid for Children

Paper ID	Room 4 Track- III Computer Vision and Image Processing
AICAPS - 147	Pupil Detection and Emotion Analysis
AICAPS - 155	AI-Powered Surveillance for Intelligent Construction Site Management
AICAPS - 161	Explainable Traffic Image Classification: A Hybrid Grad-CAM and LIME Approach with Superpixel-aware Refinement

Paper ID	Room 5 Track - IV Networking, IoT and Sensors
AICAPS - 29	Investigation of Deep Learning Based Beam Steering for Metamaterial Antennas Integrated in UAVs for Enhanced Inter-Drone Communication
AICAPS - 88	A Smart Elevator Scheduling System Using Quantile Regression Deep Q-Network for Energy Optimization and Waiting Time Reduction
AICAPS - 140	Implementation of Solar Powered Polyhouse with Automated Irrigation, Environmental Monitoring and Control

Session 3
12/02/2026 (2:00 PM – 3:30 PM)

Paper ID	Room 1 Track I - Artificial Intelligence and Cognitive Systems
AICAPS - 141	Evaluation of Low-Rank Matrix Decomposition Techniques for Data Compression
AICAPS - 153	AI-Powered Voice Agent for Electricity Department
AICAPS - 154	Smart Safety Systems: Leveraging AI and Big Data for Real-Time Construction Workforce Management

Paper ID	Room 2 Track- III Computer Vision and Image Processing
AICAPS - 71	Temporal-Aware Crowd Anomaly Detection Framework for Violence Recognition Under Video Frame Discontinuities
AICAPS - 81	Crop Health Identification by Exploiting CNN-ViT Synergy: Detecting Multi-Nutrient Deficiencies
AICAPS - 136	A DETAILED APPROACH TO CLASSIFYING DEMENTIA

Paper ID	Room 3 Track- III Computer Vision and Image Processing
AICAPS - 179	PGPNet-X: A Multi-modal and Explainable Pill Detection System
AICAPS - 196	Deep Learning–Based Radiographic Analysis for Musculoskeletal Condition using MURA Dataset
AICAPS - 241	Comparative Performance Analysis of Deep Convolutional Neural Networks for Automated Liver Tumor Classification in Ultrasound Imagery

Paper ID	Room 4 Track - IV Networking, IoT and Sensors
AICAPS - 178	SmartQueryViz:An AI-Driven MongoDB Query Generator and Visualizer for Sensor-Based Applications
AICAPS - 195	An Intelligent Water Temperature Control System Using Deep Q-Learning for Personalized Comfort and Energy Efficiency