

# Tentative Program Schedule

## 3rd International Conference on Intelligent Computing and Technologies (ICTCon 2025)

Jointly Organized by CIT Kokrajhar and IIT Goa  
2nd–3rd December 2025

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### Day 1 – Tuesday, 2nd December 2025

| Time                | Session Details  |
|---------------------|--|
| 9:30 AM – 9:45 AM   | <b>Felicitation Ceremony:</b> Felicitation of Patrons, Chief Guest, Guests of Honour, Conference Chairs, and Advisory Board Members.   |
| 9:45 AM – 11:15 AM  | <b>Inaugural Ceremony:</b> Welcome address, addresses by Chief Guest, Guests of Honour, Patron, and Conference Advisors (5 minutes each), followed by the release of the Conference Proceedings Booklet. |
| 11:15 AM – 11:45 AM | <b>Tea Break and Group Photo Session</b>   |
| 11:45 PM – 12:00 PM | <b>Keynote Talk 1:</b> Distinguished Speaker <b>Prof. Manish Kumar</b> [ <a href="#">IIIT Allahabad</a> ] – <i>AI-Driven Intelligence for Edge and Cloud Systems</i> .                                   |
| 12:45 PM – 1:30 PM  | <b>Workshop:</b> Mr. Pankaj Jadhav, [ <a href="#">ARK-TSI</a> ] “AR/VR Across Industries: Preparing Future-Ready Students Through Immersive Technologies”.   |
| 1:30 PM – 2:30 PM   | <b>Lunch Break</b>   |
| 2:30 PM – 2:55 PM   | <b>Guest Speaker Talk 1:</b> Dr. Deep Singh [ <a href="#">Dr. B.R. Ambedkar University Delhi, New Delhi</a> ] – <i>Advances in Computer Vision and Smart Sensing</i> .                                   |
| 3:00 PM – 4:15 PM   | <b>Parallel Paper Sessions I–III:</b> (4-5 papers per session, 12 min each + Q&A).   |
| 4:15 PM – 4:30 PM   | <b>Tea Break</b>   |
| 4:30 PM – 5:00 PM   | <b>Day 1 Summary and Announcements.</b>  |
| 7:30 PM onwards     | <b>Gala Dinner and Networking Event.</b>   |

## Day 2 – Wednesday, 3rd December 2025

| Time                | Session Details   |
|---------------------|---|
| 9:00 AM – 9:25 AM   | <b>Guest Speaker Talk 2:</b> Mr. Chirag Agrawal [ <a href="#">Amazon, USA</a> ] – <i>Designing Agentic Loops that Actually Ship</i>   |
| 9:30 AM – 10:15 AM  | <b>Keynote Talk 2:</b> Prof. Dr. G. Kulanthaivel [ <a href="#">NITTR, Chennai</a> ] — <i>Title TBA.</i>   |
| 10:30 AM – 10:45 AM | <b>Tea Break.</b>   |
| 10:45 AM – 12:00 AM | <b>Parallel Paper Sessions IV–VI:</b> (3–5 papers per session; 12 min presentation + Q&A).  |
| 12:00 PM – 1:00 PM  | <b>Keynote Talk 3:</b> Dr. Shitala Prasad ( <a href="#">IIT Goa</a> ) — <i>AI-enabled 6G: Future of Artificial Vision.</i>  |
| 1:00 PM – 2:00 PM   | <b>Lunch Break.</b>   |
| 2:00 PM – 2:45 PM   | <b>Keynote Talk 4:</b> Prof. Jonathan Chan ( <a href="#">Vrije Universiteit Brussel, Belgium</a> ) — <i>Superresolution enhancements for hyperspectral imagery: AI potentials and challenges.</i> |
| 2:45 PM – 4:00 PM   | <b>Parallel Paper Sessions VII–VIII:</b> (3–5 papers per session).  |
| 4:00 PM – 4:15 PM   | <b>Tea Break.</b>   |
| 4:15 PM – 5:00 PM   | <b>Valedictory and Best Paper Award Ceremony.</b>   |
| 5:00 PM – 5:30 PM   | <b>Conference Closure and Photo Session.</b>  |

## Parallel Technical Sessions – Final 8-Session Schedule

The conference technical program is organised into 8 sessions; each session contains 4–5 papers. All accepted papers (36) are allocated exactly once.

### Session I — Medical & Clinical Imaging (5 papers) [Hall 1]

- ID 105**    Multiplane Brain MRI Analysis for Early Prediction of Alzheimer’s Disease
- ID 34**    Enhanced Reinforcement Learning Framework for Glioma Prognosis in Data-Constrained MRI Cohorts
- ID 141**    Deep Learning based models for coronary artery disease detection: A Review
- ID 124**    Malaria Detection from Blood Smear Images using Deep Learning Techniques
- ID 114**    Quantum Meets AI: Advancing Malaria Diagnosis using red blood cell smears with Quantum-Enhanced Neural Networks (QENN)

### Session II — Computer Vision: Detection & Segmentation (5 papers) [Hall 2]

- ID 4**    Cervical cancer detection and classification using modern deep learning approaches
- ID 139**    Classification and Interpretability of Palm leaf Diseases Using Deep Learning and Explainable AI
- ID 28**    Hybrid Multi-View 3D Object Detection from 2D Images: Fusion of Structure-from-Motion and Learned Depth Priors
- ID 118**    Language-Guided Multi-Object Tracking and Person Re-Identification using CLIP
- ID 59**    Connected-2 Dominating Set-based Application Deployment in Fog Environment to Enhance Quality of Service

### **Session III — Core AI & Generative Methods (4 papers) [Hall 3]**

- ID 38**     Comprehensive Framework Outline for Understanding Role of Image Generation and Novel Framework to Detect AI-generative Images
- ID 39**     Generative AI for Artifact Suppression in Wireless Image Transmission
- ID 57**     Eff-GradCAM: Recognition of facial expressions with deep learning-based model
- ID 126**    GREx: A Graph-Augmented Transformer Framework for Early Threat Detection in Clinical Text

### **Session IV — AI in Healthcare & Applications (4 papers) [Hall 1]**

- ID 27**     From Data to Diagnosis: Harnessing Machine Learning for Early Identification of Autism Spectrum Disorder
- ID 50**     Cervical Cancer Detection using a Machine Learning Framework with PSO-Assisted Feature Selection
- ID 82**     Lightweight Machine Learning for Real-Time Detection of Shockable Cardiac Rhythms in Paediatric Patients Using Wearable IoT Sensor Data
- ID 130**    Design of Assamese Diet Recommendation System Using Machine Learning Algorithms

### **Session V — Recommenders, NLP & Social AI (4 papers) [Hall 2]**

- ID 78**     A Comparative Performance Analysis of a Hybrid Machine Learning Model for Spam Detection in Social Media Context
- ID 102**    Exophora in Assamese: A Computational Study Using Large Language Models
- ID 135**    Advanced Fake News Detection Using Hybrid CNN-BiLSTM with Class Balancing
- ID 36**     Sentiment-Driven Financial Forecasting: A Review from Social Media Signals to Transformer-Based Time Series Models

**Session VI — Data Science, Security & Encryption (5 papers)**  
**[HALL-3]**

- ID 14** Marathi Text Summarization using Rule based Technique
- ID 115** Hybrid Representation Learning Framework for Robust Feature Selection in Leukemia Diagnosis
- ID 116** Hybrid image encryption and authentication scheme based on chaotic maps and RC4 algorithm
- ID 132** Performance Comparison of Multi-objective Task Scheduling Algorithms for Cloud Computing
- ID 85** Software as a service based Collaborative Platforms for E-Learning Environments

**Session VII — IoT, Smart Cities & Edge Systems (5 papers)**  
**[Hall 1]**

- ID 55** Adaptive Multi-Protocol IoMT Framework: AI-Driven Optimization for Security and Energy Efficiency
- ID 112** A User Prioritized Risk Assessment Framework for Ensuring Data Privacy in Secure Smart City Communications
- ID 89** Comparative Analysis of Lightweight AI Algorithms for Real-Time Intrusion Detection in Heterogeneous IoT Edge Devices
- ID 97** Light vs Radio: An AI-Based Security Assessment Framework for Optical and RF IoT Nodes
- ID 30** A Static Approach to Android Malware Detection using Ensemble Techniques and SMOTE-Based Data Balancing

**Session VIII — Technology Trends & Robotics (4 papers) [Hall 2]**

- ID 42** A State-of-the-Art Review on Issues, Concepts & Applications of Interval Type-2 Fuzzy Systems
- ID 1** Design and Analysis of Quantum Circuits for FRQI and NEQR Image Representation
- ID 47** ML Techniques for Hairstyle Prediction
- ID 63** Smart AI Traffic Management System

**Program Notes:**

- Each paper is allocated one presentation slot (12 minutes) followed by a 3-minute QA session (at the session chair's discretion).
- Sessions 1–8 contain five papers each.

- Poster sessions and workshop details will be announced separately.

**Summary:** ICTCon 2025 technical program contains **8 sessions** across thematic tracks with a total of **36 papers**. This allocation ensures focused, coherent sessions with balanced topical coverage.