

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

Day 1 – Tuesday, 2nd December 2025

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

Day 2 – Wednesday, 3rd December 2025

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

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.