ICTCon 2025 Program Schedule

All accepted papers at ICTCon 2025 are for Oral presentation and has been allocated 10 minutes of effective presentation time. Additional 2-5 minutes are allocated for questions by the session chairs, participants and turnaround time between speakers.

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. [Link]
9:45 AM – 11:15 AM	**Inaugural Ceremony:** Welcome address, addresses by Chief Guest: Mr. N. K. Barua, Executive Director & Refinery Head IOCL, Bongaigaon, Guests of Honour, Patron, and Conference Advisors (5 minutes each), followed by the release of the Conference Proceedings Booklet. [Link]
11:15 AM – 11:45 AM	**Tea Break and Group Photo Session.**
11:45 AM – 12:00 PM	**Keynote Talk 1:** Distinguished Speaker **Prof. Manish Kumar** [IIIT Allahabad] – *Data Analytics in Healthcare: Big Data Perspectives, Opportunities & Challenges.* [Link]
12:45 PM – 1:30 PM	**Workshop: Mr. Pankaj Jadhav** [ARK-TSI] — *AR/VR Across Industries: Preparing Future-Ready Students Through Immersive Technologies.* [Link]
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] — *Securing Visual Data: Current Advancements in Cryptography.* [Link]
3:00 PM – 4:15 PM	**Parallel Paper Sessions I–III:** (4–5 papers per session, 12 min each + Q&A). [Track-I], [Tack-II] and [Track-III]
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.**

Springer

Day 2 – Wednesday, 3rd December 2025

Time	Session Details
9:00 AM – 9:25 AM	**Guest Speaker Talk 2: Mr. Chirag Agrawal** [Amazon, USA] – *Designing Agentic Loops that Actually Ship* [Link]
9:30 AM – 10:15 AM	**Keynote Talk 2:** Prof. Dr. G. Kulanthaivel [NITTR, Chennai] — *" Integrating Industrial Revolution 5.0 and Society 5.0 for the Development of a Super-Smart Society".* [Link]
10:30 AM – 10:45 AM	**Tea Break.**
10:45 AM – 12:00 AM	**Parallel Paper Sessions IV–VI:** (3–5 papers per session; 12 min presentation + Q&A). [Track-IV], [Track-V] and [Track-VI]
12:00 PM – 1:00 PM	**Keynote Talk 3:** Dr. Shitala Prasad (IIT Goa) — *AI-enabled 6G: Future of Artificial Vision.* [Link]
1:00 PM – 2:00 PM	**Lunch Break.**
2:00 PM – 2:45 PM	**Keynote Talk 4:** Prof. Jonathan Chan (Vrije Universiteit Brussel, Belgium) — *Superresolution enhancements for hyperspectral imagery: AI potentials and challenges.* [Link]
2:45 PM – 4:00 PM	**Parallel Paper Sessions VII–VIII:** (3–5 papers per session). [Track-VII] and [Track-VIII]
4:00 PM – 4:15 PM	**Tea Break.**
4:15 PM – 5:00 PM	**Valedictory and Best Paper Award Ceremony.** [Link]
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]

Session Chair: Dr. Pankaj Pratap Singh, CIT Kokrajhar
Session Co-Chair: Dr. Deepak Gupta, MNNIT Allahabad

- **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]

Session Chair: Dr. Shitala Prasad, IIT Goa
Session Co-Chair: Dr. Deep Gupta, NIT Nagpur

- **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 59** Connected-2 Dominating Set-based Application Deployment in Fog Environment to Enhance Quality of Service
- **ID 102** Exophora in Assamese: A Computational Study Using Large Language Models

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

Session Chair: Dr. Piyush Kumar, NIT Patna
Session Co-Chair: Dr. Kaushlendra Pandey, CIT Kokrajhar

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]

Session Chair: Prof. Manish Kumar, IIIT Allahabad
Session Co-Chair: Dr. Ranjan Maity, CIT Kokrajhar

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 3]

Session Chair: Dr. Chandresh K Maurya, IIT Indore
Session Co-Chair: Dr. Apurbalal Senapati, CIT Kokrajhar

ID 78	A Comparative Performance Analysis of a Hybrid Machine Learning Model for Spam Detection in Social Media Context
ID 135	Advanced Fake News Detection Using Hybrid CNN-BiLSTM with Class Balancing
ID 118	Language-Guided Multi-Object Tracking and Person Re-Identification using CLIP
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 2]

Session Chair: Prof. Hemanta Kumar Kalita, CIT Kokrajhar
Session Co-Chair: Dr. Niyati Balyan, NIT kurukshetra

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 3]

Session Chair: Dr. Pranav Kumar Singh, CIT Kokrajhar
Session Co-Chair: Dr. Ranjan Patowary, CIT Kokrajhar

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 1]

Session Chair: Dr. Anuj Abraham, IIT Goa
Session Co-Chair: Dr. Sabyasachi Bhattacharyya, BVEC, Assam

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 Q&A 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.
