



## WIN 6.0 2026 Conference Schedule

<b>01.07.2026</b>
<b>Morning Sessions (10:00 AM – 1:00 PM)</b>
<b>Breakfast (9:30 AM – 10:30 AM)</b>
<b>Registration starts from 10:00 AM</b>
<b>Inauguration (11:00 AM)</b> <i>(On Stage-Chief Guest-Prof. (Dr.) Rajkumar Buyya, Mr Snehashis Banerjee, Prof. (Dr.) Subhadip Basu, Prof. (Dr.) Pavel Bastl)</i>
<b>Lighting lamp and Vande Mataram sangeet followed by Saraswati Vandana (Main Hall)</b>
<b>Tea Break</b>
<b>Presentation of Global Excellence Award- Icon of Inspiration. Category: Research to Prof. (Dr.) Rajkumar Buyya (11:30 AM – 11:40 AM) (Main Hall)</b>
<b>Invited Speech (Prof. (Dr.) Rajkumar Buyya) (11:45 AM – 12:45 PM) (Main Hall)</b>
<b>Lunch Break (1:00 PM – 2:00 PM)</b>
<b>Post – Lunch Sessions</b>
<b>Invited speech by Mr. Snehashis Banerjee, TCS Research. (2:00 PM-2:30 PM) (Main Hall)</b> <b>Talk Title: Future of Work in the age of AI</b>
<b>Presentation of Global Excellence Award- Icon of Inspiration. Category : Research to Prof. (Dr.) Subhadip Basu (2:30 PM – 2:45 PM) (Main Hall)</b>
<b>Invited speech by Prof. (Dr.) Subhadip Basu, Jadavpur University. (2:45 PM-3:15 PM) (Main Hall)</b> <b>Talk Title: Charting New Horizons: From Ideas to Impactful AI Innovations</b>
<b>High Tea (3:15 PM – 3:45 PM)</b>
<b>Invited speech by Dr. Tanushyam Chattopadhyay, Chief AI Officer, Birla Group. (3:45 PM-4:00 PM) (Main Hall)</b>

<b>02.07.2026</b>		
<b>Morning Session (10:00 AM – 1:00 PM)</b>		
<b>Breakfast (9:30 AM – 10:30 AM)</b>		
<b>Keynote Speech: Mr. Samiran Gupta, Vice President, Stakeholder Engagement and Managing Director, Asia Pacific for ICANN (10:00 AM - 11:00 AM) (ONLINE)</b> <b>Talk Title: Introduction to ICANN (<a href="#">Online Meeting Link</a>)</b>		
<b>Keynote Speech: Dr Mohit Jain, Principal Researcher, Microsoft Research (11:00 AM - 12:00 Noon) (ONLINE)</b> <b>Talk Title: AI in Healthcare (<a href="#">Online Meeting Link</a>)</b>		
Overall Session Coordinator: Prof. (Dr.) Mousumi Laha		
Technical session (12:00 Noon - 1:00 PM)		
<b>Track 1 (Physical)</b>	<b>Track 2 (Online)</b>	<b>Track 3 (Online)</b>
<b>Session chairs:</b> 1. Dr. Ritajit Majumdar, IBM Research. 2. Prof. (Dr.) Abir Chatterjee, UEM, Kolkata <b>Coordinator: Prof. Ankita Ray Chowdhury, Shubham Shaw (Physical)</b>	<b>Session Chairs:</b> 1. Prof. (Dr.) Moutushi Biswas Singh, IEM, Kolkata 2. Prof. (Dr.) Chandreyee Chowdhury, Professor at Jadavpur University <b>Coordinator: Prof. (Dr.) Manjarini Mallik, Anurika Mondal (<a href="#">Online Meeting Link</a>)</b>	<b>Session Chairs:</b> 1. Dr. Sanmitra Sarkar, Agentic AI Global Head, Capgemini 2. Prof. (Dr.) Ajay Kumar Khan, Mizoram University. <b>Coordinator: Prof. Heerok Banerjee, Bihan Ray (<a href="#">Online Meeting Link</a>)</b>
<b>Paper ID: 253</b> EmoBengDial: A Multi-Embedding Soft Voting Ensemble Framework for Fine-Grained Emotion Analysis in Bengali Dialogues	<b>Paper ID: 37</b> Robust Driver Drowsiness Monitoring using Integrated Facial Landmark	<b>Paper ID: 160</b> An Optimized Deep Reinforcement Learning Framework for Human-Robot Collaborative Assembly in Industry 6.0 Digital Twins
<b>Paper ID: 147</b> Decoding Fraudulent Transactions: An Explainable Gradient Boosting Approach with SHAP-Based Insights	<b>Paper ID: 208</b> Detecting Deceit: A Deep Learning Perspective on Phishing Website Identification and Current Landscape	<b>Paper ID: 11</b> Concize: An AI-Powered Meeting Companion with a Retrieval-Augmented Generation Pipeline
<b>Paper ID:198</b> A Comparative Study of Explainable AI-Based Machine Learning Models and SHAP analysis for credit risk prediction	<b>Paper ID: 217</b> AI-Driven Bi-Directional Recruitment Ecosystem: A Hybrid Multi-Criteria Ranking Approach	<b>Paper ID: 226</b> A Blockchain-Integrated DevOps Framework for Secure and Scalable Supply Chain Management in Agricultural Produce Market Committees (APMC)
<b>Paper ID: 53</b> Mitigating Stealthy Cyber-Attacks in VPP-Based Modern Grids using Machine Learning Observers	<b>Paper ID:63</b> Pose-Based Gait-Recognition Using a CNN-LSTM Framework for Fall Risk Prediction	<b>Paper ID:34</b> Comparative Analysis of Neural Enhanced Learned Index System
<b>Poster Presentation, Judge: Dr. Sanmitra Sarkar, Agentic AI Global Head, Capgemini (12:00 noon – 1:00 PM) (Venue: 10<sup>th</sup> Floor IEDC)</b>		
<b>Lunch Break (1:00 PM – 2:00 PM)</b>		

**Post – Lunch Sessions**

**Keynote Speech: Prof. (Dr.) Pavel Bastl, Faculty of Mechanical Engineering, Czech Technical University in Prague (2:00 PM - 3:00 PM) (Main Hall)**  
**Talk Title: Evolutionary optimization of mechanická structures.**

Overall Session Coordinator: Prof. (Dr.) Manjarini Mullick

Technical session (3:00 PM - 5:00 PM)

**Track 1 (Online)**

**Track 2 (Online)**

**Track 3 (Online)**

**Session chairs:**1. Prof. (Dr.) Rabi Narayan Behra, IEM, Kolkata.  
 2. Prof. (Dr.) Ajay Kumar Khan, Mizoram University.  
**Coordinator: Prof. Banashree Mandal, Mekhla Sen**  
[\(Online Meeting Link\)](#)

**Session Chairs:** 1. Prof (Dr) Swati Chowdhuri, IEM Kolkata  
 2. Dr. Sandip Mandal, UEM, Kolkata  
**Coordinator: Prof. (Dr.) Chandrima Thakur, Alekhya Gangopadhyay**  
[\(Online Meeting Link\)](#)

**Session Chairs:** 1. Prof. (Dr.) Baisakhi Das, IEM, Kolkata  
 2. Prof. (Dr.) Pavel Bastl  
 3. Prof. (Dr.) Jyotsna Kumar Mandal  
**Coordinator: Prof. (Dr.) Piyali Datta, Rajdeep Das**  
[\(Online Meeting Link\)](#)

**Paper ID: 239**  
 Adaptive Time Interval Based Sea Surface Temperature Monitoring using Underwater Wireless Sensor Networks

**Paper ID: 50**  
 Portable Multi-Sensor System for Disease Prediction

**Paper ID: 132**  
 Skin Cancer Detection on Resource Constrained Embedded Devices Using Edge Impulse

**Paper ID: 30**  
 Development of a Meta-Learning-Based Web Prediction System for Student Academic Performance with Automated Feedback

**Paper ID: 222**  
 AI-Based Multimodal Fraud Detection in E-Commerce Complaints Using Image-Text Consistency and Digital Forensics

**Paper ID: 258**  
 Intrinsic Neural Firewalls for Cyber-Physical Systems: Robust Anomaly Rejection via Deep Delta Residual Overwrites

**Paper ID: 3**  
 Multi-Level Data Fusion of ERA5 Reanalysis and Satellite Data for Enhanced Climate Geospatial Insights

**Paper ID: 138**  
 A Web-Based Annotation Platform for Automated Named Entity Recognition in the field of Indian Mythology

**Paper ID: 256**  
 DeepLabV3-Guided Automatic Prompt Generation for Zero-Shot Road Segmentation Using SAM

**Paper ID: 49**  
 AI-IoT Integration in Hospitality: Enhancing Service Efficiency and Green Performance

**Paper ID: 247**  
 EduGraphRAG: An Adaptive Agentic Graph-Based Retrieval Framework for Educational Question Answering

**Paper ID: 197**  
 Learning Explainable Cross-Lingual Phonetic Representations for Hindi and Urdu Speech

**High Tea (3:30 PM onwards)**

**03.07.2026**  
**Morning Session (10:00 AM – 1:00 PM)**

**Keynote Speech: Prof Dr Siddhartha Bhattacharyya, Florida Institute of Technology, USA (9:30 AM – 10:00 AM) (ONLINE)**  
**Talk Title: Trustworthy AI Engineering for Industry 6.0 Autonomy ([Online Meeting Link](#))**

**Keynote Speech: Prof. (Dr.) Subhajit Roy Chowdhury, IIT Mandi Professor and Chairperson of the Centre for Human-Computer Interaction (CHCi)**  
**(10:00 AM - 11:00 AM) (Main Hall)**

Overall Session Coordinator: Prof. (Dr.) Chandrima Thakur

**Technical session (11:00 AM - 1:00 PM)**

Track 1 (Physical)	Track 2 (Online)	Track 3 (Online)
<b>Session chairs:</b> 1. Prof. (Dr.) Amitava Nag, CIT Kokrajhar 2. Prof. (Dr.) Ajay Kumar Khan, Mizoram University <b>Coordinator: Prof. Debasree Sarkar, Rahi Chakraborty (Physical)</b>	<b>Session Chairs:</b> 1. Prof. (Dr.) Debashish De, MAKAUT 2. Prof. (Dr.) Subhajit Roy Chowdhury <b>Coordinator: Prof. (Dr.) Deepsuhra Guha Roy, Anamitra Sarkar (<a href="#">Online Meeting Link</a>)</b>	<b>Session Chairs:</b> 1. Dr. Kuntal Dey, Senior Principal, Accenture Labs. 2. Prof. (Dr.) Pavel Bastl <b>Coordinator: Prof. Bibekananda Kundu, Rochishnu Bose (<a href="#">Online Meeting Link</a>)</b>
<b>Paper ID: 78</b> An AI-Based Real-Time Framework for Traffic Monitoring and Emergency Response in Smart Cities	<b>Paper ID: 129</b> RAA-LSTM: A Regime-Conditioned Attention Framework for Adaptive Financial Forecasting	<b>Paper ID: 204</b> Quantitative Radiomics and Qualitative Imaging Assessment of Atlas-Conditioned Deep Learning for US-to-MRI Synthesis
<b>Paper ID: 215</b> A Robust Dataset for Precision Agriculture: Empirical validation of Sensor Nodes and Laboratory feature mapping	<b>Paper ID: 149</b> Margin-Aware ROI Expansion for Robust Brain MRI Compression under Segmentation Uncertainty	<b>Paper ID:240</b> A Deep Attention-Based Multimodal Learning Framework for Early Parkinson’s Disease Detection and Severity Classification
	<b>Paper ID: 68</b> Abandoned Object Detection Using Deep Learning Models	<b>Paper ID: 230</b> EEG-Based Detection of Neurological Disorder Using Machine Learning and Deep Learning
<b>Paper ID: 73</b> GPA: A Human Inspired Geometry-Preserving Anchoring Framework for Continual Learning	<b>Paper ID: 200</b> Hybrid Deep Learning Framework for Multimodal CT–MRI and PET–MRI Image Fusion	<b>Paper ID: 127</b> Human-Centered Blockchain Oracles: A Privacy-Preserving Trust Framework for Cybersecurity-Critical Data Feeds

**Lunch Break (1:00 PM – 2:00 PM)**

**Post – Lunch Sessions**

**Presentation of Global Excellence Award- Icon of Inspiration. Category : Research to Prof. (Dr.) Nirupam Chakraborti, Faculty of Mechanical Engineering, Czech Technical University in Prague (2:00 PM – 2:05 PM)**

**Keynote Speech: Prof. (Dr.) Nirupam Chakraborti, Faculty of Mechanical Engineering, Czech Technical University in Prague (2:05 PM - 3:05 PM) (ONLINE)-  
Talk Title: Data-Driven Evolutionary Algorithms  
([Online Meeting Link](#))**

**Keynote Speech: Prof. (Dr.) Mas Rina Mustafa, Faculty of Computer Science and Information Technology, University Putra Malaysia (3:05 PM - 3:35 PM) (ONLINE)-  
Talk Title: From Seeing to Understanding: The Evolution of Multimodal AI Towards Industry 6.0.  
([Online Meeting Link](#))**

Overall Session Coordinator: Prof. Heerok Banerjee

**Technical session (3:35 PM - 5:00 PM)**

**Track 1 (Online)**

**Track 2 (Online)**

**Track 3 (Online)**

**Session chairs:**  
1. Prof (Dr) Biswadip Basu Mallik, IEM, Kolkata  
2. Prof. (Dr.) Pavel Bastl  
**Coordinator: Prof. (Dr.) Piyali Datta, Rajdeep Das**  
([Online Meeting Link](#))

**Session Chairs:**  
1. Prof. (Dr.) Debashish De, MAKAUT,  
2. Prof. (Dr.) Sandip Mandal, UEM Kolkata  
**Coordinator: Prof. (Dr.) Sukanya Mitra, Shinjan Bhatta**  
([Online Meeting Link](#))

**Session Chairs:**  
1. Prof. (Dr.) Debika Bhattacharya, IEM, Kolkata  
2. Dr. Debarati Dey Roy  
**Coordinator: Prof. (Dr.) Manjarini Mallik, Sampurna Nag**  
([Online Meeting Link](#))

**Paper ID: 164**  
Unified Deep Learning with DMD Feature Selection and Physics-Informed Regularization for End-to-End Kidney Stone Detection and Clinical Decision Support

**Paper ID: 71**  
Arogya: A Multimodal AI-Powered Health Consultation Platform

**Paper ID: 156**  
TRUST-TWIN: A Verifiable Agentic Digital Twin Framework for Sustainable Industry 6.0 Supply Chains

**Paper ID: 83**  
Deep Learning based Grad-CAM Model for Heart Attack Prediction using ECG Image

**Paper ID: 238**  
An Automated Machine Learning Framework for Identifying High-Risk COVID-19 Patients

**Paper ID: 255**  
A Hybrid SARIMA–TCN–BiLSTM–Attention Framework with Explainable AI for Retail Sales Forecasting

**Paper ID: 110**  
AuraMed: A Unified Phygital Ecosystem Leveraging Agentic AI and LoRa Mesh Networks to Automate Hospital Operations and Bridge Connectivity Gaps in Healthcare

**Paper ID: 144**  
Human-Centric Digital Twin Framework for Sustainable Industry 6.0 Smart Factories

**Paper ID: 137**  
BioQ-HEAL: A Cascaded Framework for Medical Text Summarization

**High Tea (3:30 PM onwards)**

**Distribution of Smart Verse Hackathon Prize by Honorable Vice Chancellor (5:00 PM – 5: 15 PM) (Main Hall)**

**Distribution of Poster Presentation Prize by Honorable Vice Chancellor (5:15 PM – 5: 30 PM) (Main Hall)**

**Valedictory Talk (5:30 PM - 5:45 PM) (Main Hall)**

**Vote of Thanks – Prof. (Dr.) Amartya Mukherjee, IEM Kolkata, (Main Hall)**