



## WIN 6.0 2025 Conference Schedule

<b>21.2.25: Morning Sessions</b>		
<b>Registration starts from 9:00 AM</b>		
<b>Inauguration (9:30 AM) (Lighting lamp and Saraswati Vandana) (Main Auditorium)</b>		
<b>Inaugural Speech (Prof. Banani Chakrabarti, President, IEM-UEM Group) (Main Auditorium)</b>		
<b>Inaugural Speech (Prof. (Dr.) Satyajit Chakrabarti, Director, IEM-UEM Group) (9:35 AM - 9:45 AM) (Main Auditorium)</b>		
<b>Inaugural Speech (Mr. Snehashis Banerjee) (9:45 AM - 10:00 AM) (Main Auditorium)</b>		
<b>Invited Speech - Ricky Takkar, Cornell University (online) (10:00 AM - 10:30 AM) (Main Auditorium)</b>		
<b>Keynote Speech: Dr Sikhar Patranobis, IBM Research ( online ) (10:30AM - 11:00AM) (Main Auditorium)</b>		
Session Coordinator: Prof (Dr.) Nirmal Das, Post Doctoral fellow, OTAGO Univ, NZ		
Tea		
Technical session (11:10 AM - 12:00 PM)		
<b>Industry 6.0 (Hall 1)</b>	<b>Web 6.0 (Main Auditorium)</b>	<b>Socio Technology (Hall 2)</b>
<b>Session chair—Dr. Sanmitra Sarkar, Senior Director and Global Head, Capgemini</b>	<b>Session chair: Dr. Kuntal Dey, Accenture labs</b>	<b>Session Chair: Prof. (Dr.) Nandadulal Jana, NIT Durgapur</b>
34(offline): Modified YOLOv5: Enhancing Underwater Object Detection through Image Enhancement and Feature Aggregation	61(offline): Integrating Rigid and Non-rigid Registration Techniques in Web 6.0 Interfaces	162 (offline): Deep-Learning for Bio-Medical Waste Management: A Study of CNN-based Detection and Classification Model
166(online): Solarglide Auto Parking	86 (offline): Aegis: FTL Framework with Differential Privacy for Network-based IDS	74 (offline): Multi-Sensor Monitoring and Flood Pathway Analysis of Glacial Lake Outburst Floods (GLOFs)
97(online): FoodFresh: A Multi-Chain Blockchain Solution for Interoperable and Transparent Food Supply Chain Networks	6(online): Phishing Detection using DNS and IP Filtering	40 (online): IoT Enable Secured Indoor Environment Monitoring System for Patient Care
<b>Keynote Speech: Dr Gabor Benedek, Lynx Analytics, Singapore (online) (12:00PM - 12:30 PM) (Main Auditorium)</b>		
<b>Title of the talk: How GenAI transforms Knowledge Graph applications?</b>		
Session Coordinator: Prof Dr Nirmal Das, Post Doctoral fellow, OTAGO Univ, NZ		
<b>Lunch Break</b>		

Post-Lunch Sessions	
Technical session (1:15 PM - 2:00 PM)	
<b>Session Chair: Dr. Nabojyoti Majumder, IIIT Allahabad (Online) (Hall 1)</b>	
31(online): Directed Interaction Network Prediction Using Functional Activity and Neighborhood Approach	
142 (online): Identification Techniques of the Initial Phase of Alzheimer’s disease built on Machine Learning methods	
150 (online): AI-Enhanced Context-Aware Intelligent Form Validator	
<b>Keynote Speech: Prof. (Dr.) Debabrata Samanta RIT KOSOVO, 2PM - 2:30 PM (Online) (Main Auditorium)</b>	
<b>Title of the talk: The Evolution of AI: Deep Learning, Web 6.0, and Industry 6.0 in Harmony</b>	
<b>Keynote Speech: Prof. (Dr.) Amit Konar, Jadavpur University (in Person) (2:40 PM - 3:40 PM) (Main Auditorium)</b>	
Tea	
<b>Keynote Speech: Prof. (Dr.) Phillip Bradford, Univ of Connecticut (online) (4:00 PM - 4: 30 PM) (Main Auditorium)</b>	
<b>Keynote Speech: Dr. Erik Cambria Nanyang Technical University (online) (4:40 PM - 5:20 PM) (Main Auditorium)</b>	
Session Coordinator: Prof. (Dr.) Swarnendu Ghosh (2:00 PM - 5:20 PM)	

22.2.25 10 AM - 1 PM		
<b>Keynote Speech: Prof. (Dr.) Rajkumar Buyya, FELLOW, IEEE, FELLOW ACADEMIA EUROPEA, Distinguished Professor, Melbourne University, Australia. (Online) (10:00 AM - 11:00 AM) (Main Auditorium)</b>		
<b>Keynote Speech: Prof. (Dr.) Debashis De, MAKAUT, India (in person) (11:00 AM - 11:40 AM) (Main Auditorium)</b>		
Session Coordinator: Prof. (Dr.) Nirmal Das, Post Doctoral fellow, OTAGO Univ, NZ		
Technical session (11:40 AM - 1:00 PM)		
(Main Auditorium)	(Hall 1)	(Hall 2)
<b>Session chair: Dr. Sanmitra Sarkar, Senior Director and Global Head, Capegemini</b>	<b>Session Chair: Prof. (Dr.) Amitava Nag, Professor and Dean, CIT Kokrajhar</b>	<b>Session Chair: Prof. (Dr.) Rajat Kumar Pal, University of Calcutta</b>
164 (offline): NooGenie: Unlocking Noonan Syndrome with Llama3	168(offline): UAV-Based Avalanche Victim Detection: An Integrated Approach Using Deep Learning and Aerial Surveillance	41 (offline): Automatic Cluster Detection in Hyperspectral Images using a Qutrit-based Grey Wolf Optimizer
128 (online): AI-Powered Real-Time QR Code Phishing Prevention Framework with Adaptive Threat Intelligence	28 (online): Next-Gen Marketplace and Real-Time Inventory Control Suite: An Advanced Platform for Seamless Sales and Automated Inventory Management	35 (offline): Development of New Fidelity Theorems in Quantum Communication
9 (online): An AI Tool for Text-to-Image Generation Using Stable Diffusion Model	125 (online): Advancing Sign Language Interpretation: A Deep Learning Approach for Multimodal Gesture Recognition	33 (online): Evaluation and potential future advancements in Enhancing Image Resolution with ESRGAN
<b>Lunch Break</b>		

<b>22.2.25 2 PM - 6 PM</b>		
<b>Keynote Speech: Prof. (Dr.) Matthew Chua, NUS, Singapore. 2:00 PM-2:30 PM (Online) (Main Auditorium)</b>		
<b>Keynote Speech: Mr. Aninda Bose (Springer), 2:30 PM-3:10 PM (Online) (Main Auditorium)</b>		
Session Coordinators: Prof. (Dr.) Sukanya Mitra, Prof. Bipasha Guha Roy		
Technical session (3:15 PM - 4:20 PM)		
<b>(Hall 2)</b>	<b>(Hall 1)</b>	<b>(Main Auditorium)</b>
Session chair: Prof. (Dr.) Jadav chandra Das, MAKAUT.	Session chair: Prof. (Dr.) Santanu Phadikar , MAKAUT	Session chair: Prof. (Dr.) Goutam kumar Pal, ISI Kolkata
147 (offline): A Review on Smart Weather Prediction using Machine Learning Approaches	141(offline): DAMLoc: Data Augmentation for Minority Location Classes applying CGAN for Indoor Localization	87 (online): Qubit-based Quantum System Implications on Robotic Swarm and Function Optimization
167 (offline): Modernizing Manufacturing: Leveraging Generative AI in Smart Factory Adoption with Oracle Generative AI	158 (online): Precise Web Programming with Embedded Domain-Specific Languages and Dependently-Typed Architecture	63 (online): MediDose and MediBox: NFC-Integrated Smart Wearables and IoT-Based Medication Adherence Solutions
88 (online): Multi-Modal AI for Mental Health Prediction and Intervention	163(online): HRLGEDL: A Novel Hybrid RNN-LSTM-GRU Embedded Deep-Learning Model to Improve the Analysis of Fake News	144 (online): Enhanced Hyperparameter Optimization in CNN for Image Classification
29(online): Lane Detection Using Machine Learning		
<b>Keynote Speech: Prof. Dr. Sandip Singh Sengar, Cardiff Metropolitan University, U.K., 4:40 PM - 5:10 PM (online) (Main Auditorium)</b>		
Session Coordinator: Prof. (Dr.) Nirmal Das, Post Doctoral fellow, OTAGO Univ, NZ		
<b>Valedictory talk: Prof. (Dr.) Jyoti Sekhar Banerjee (5:10 PM - 5:40 PM) (Main Auditorium)</b>		
<b>Vote of Thanks (Main Auditorium)</b>		
High Tea		