

2026 International Conference on Sustainable AI for Social Impact and Global Development (SASIGD)

August 13-14, 2026

Venue: CBIT, Gandipet, Hyderabad, Telangana, India, 500075

Programme Schedule

Wednesday, 12 August 2026 (Pre-Conference Workshops)

S. No	Time	Session
1	10:00 AM – 11:15 AM	Pre-Conference Workshop– Session I
	11:15 AM – 11:25 AM	Tea Break
2	11:25 AM – 01:00 PM	Pre-Conference Workshop – Session II

Day 1 — Thursday, 13 August 2026

(Inaugural Ceremony, Keynotes & Paper Presentations)

S. No	Time	Session
1	08:00 AM - 09:30 AM	Registration
2	09:40 AM - 11:25 AM	Inaugural Ceremony (Assembly Hall)
	11:25 AM - 11:30 AM	Tea Break
3	11:25 AM - 12:00 PM	Address by Sri. S. Chandrasekhar Reddy , IG&DGP (IFC) Telangana
4	12:00 PM - 12:40 PM	Keynote Address-I by Luis Kun (Assembly Hall)
	12:40 PM - 1:30 PM	LUNCH
5	1:30 PM - 2:10 PM	Keynote Address-II by Syed Yasin (SMS Block-Seminar Hall)
6	2:15 PM – 3:15 PM	Paper presentation Sessions-I (PPS1): 14 Parallel Sessions (Annexure A)
	3:15 PM- 3:20 PM	Tea Break
7	3:20 PM – 4:30 PM	Paper presentation Sessions-I (PPS1): 14 Parallel Sessions (Annexure A)

Day 2 — Friday, 14 August 2026

(Keynotes, Paper Presentations, Panel Discussion, Valedictory Ceremony)

S. No	Time	Session
1	09:20 AM – 10:00 AM	Keynote Address-III by Dr. Bozena Pasik-Duncan (SMS Block - Seminar Hall)
2	10:00 AM – 10:40 AM	Keynote Address-IV by Dr. Hamidou Tembine (SMS Block - Seminar Hall).
	10:40 AM – 10:50 AM	Tea Break
3	10:50 AM – 12:45 PM	Paper presentation Sessions-II (PPS2): 12 Parallel Sessions (Annexure A)
		Student & Women Poster Presentations (Assembly Hall);
		Product Demonstrations (R&D Block)
	12:45 PM – 1:30 PM	LUNCH
4	1:30 PM – 2:00 PM	Panel Discussion, moderated by Bala Prasad Peddigari (Assembly Hall)
5	02:00 PM – 03:15 PM	Cultural Program
	03:15 PM – 03:20 PM	Tea Break
6	03:20 PM – 04:30 PM	Valedictory Ceremony

Annexure A

(Detailed Paper presentation Sessions)

Day 1 — Thursday, 13 August 2026: Paper presentation Sessions-I (PPS1): 14 Parallel Sessions

Day 1 — Thursday, 13 August 2026 Track 1a: AI for Environmental Sustainability (Regular Papers) Venue: N-Block Seminar Hall (ECE Dept.)		
Time	PID	Title
2:15 PM – 2:25 PM	114	Underwater Wastage Prevention and Monitoring via a Wireless Sensor Network for Sustainable Oceans
2:25 PM – 2:35 PM	124	Automated Waste Segregation System using YOLOv9e and Raspberry Pi 5
2:35 PM – 2:45 PM	221	AI-Enhanced Animal Identification in Agriculture
2:45 PM – 2:55 PM	433	Earthquake Prediction Using a Machine Learning Approach
2:55 PM – 3:05 PM	693	Agentic AI-Enabled Sustainable Supply Chain Optimization in Retail and Paint Manufacturing
3:05 PM – 3:15 PM	715	AI-Enhanced Gamified Environmental Education for Cultivating Ecological Awareness and Planetary Responsibility
3:15 PM – 3:20 PM	Break	
3:20 PM – 3:30 PM	790	Design and Evaluation of an AI-Enabled Cloud–Edge Architecture for Connected Precision Agriculture Farms
3:30 PM – 3:40 PM	820	GROWSENSE - Plant Health Monitoring System
3:40 PM – 3:50 PM	834	AIREON-Z: An Infrastructure for Multi-Sectoral Air Quality Intelligence and Climate-Resilient Governance
3:50 PM – 4:00 PM	1181	A Smart Mechanism for Accelerating CO ₂ Mineralization in Spodumene Tailings Through Hybrid Shrinking Core Model and Physics-Informed Neural Network Framework
4:00 PM – 4:10 PM	1191	Early Detection and Prediction of Thermal Faults in Electric Vehicles Using XGBoost for Enhanced Safety and Performance
4:10 PM – 4:20 PM	1461	Onion Condition Analysis and Shelf Life Prediction using Machine Learning Techniques
4:20 PM – 4:30 PM	1476	CarbonSense: Context-Aware Carbon Tracking with Uncertainty Quantification
4:30 PM – 4:40 PM	1565	A Multi-Metric Benchmarking Framework for Energy-Efficient Evaluation of Deep Learning Models

Day 1 — Thursday, 13 August 2026

Track 1b: AI for Environmental Sustainability (Regular Papers) |

Venue: N-Block E-Class Room (N-108) (ECE Dept.)

Time	PID	Title
2:15 PM – 2:25 PM	1632	Decoding Green Skepticism: Experimental Evidence on Generation Z's Responses to Carbon-Neutral Messaging and Credibility Cues
2:25 PM – 2:35 PM	1718	Ethics-Aware and Energy-Efficient Multimodal AI Framework for Sustainable Digital Innovation
2:35 PM – 2:45 PM	1747	AI-Driven Air Quality Prediction and Management System for Smart Indian Cities
2:45 PM – 2:55 PM	1760	A Semantic and Knowledge-Driven Framework for Explainable and Climate-Resilient Risk Modelling in Indian Aquaculture Systems
2:55 PM – 3:05 PM	1776	EcoMoveNet: A Deep Learning Framework for Predicting Long-Term Sustainable Commuting Behavior through Sentiment Analysis
3:05 PM – 3:15 PM	1871	From Reactive to Proactive Biosecurity: A Systematic Survey of AI-Driven Shrimp Disease Prediction
3:15 PM – 3:20 PM	Break	
3:20 PM – 3:30 PM	1881	Attention-Enhanced EfficientNet-B3 with CBAM for Optimized Tomato Leaf Disease Detection
3:30 PM – 3:40 PM	1897	A Machine Learning Based Air Quality Forecasting System and Integrated Web Dashboard for Nagpur City Using CPCB Data
3:40 PM – 3:50 PM	1935	AI-Driven Crop Disease Prediction and Management System using Multilingual Agent
3:50 PM – 4:00 PM	1949	A Wearable IoT Patch for Early Detection of Silent Neuroinflammation in High-Risk Individuals
4:00 PM – 4:10 PM	1954	AUV-Mounted Acoustic RIS for Proactive Critical Node Support in Underwater Sensor Networks
4:10 PM – 4:20 PM	1960	Variational Quantum Linear Solver for Time Series Forecasting: A Practical Implementation on Financial Data
4:20 PM – 4:30 PM	1971	AI-Based Waste Segregation: Automated Classification and IoT-based Monitoring

Day 1 — Thursday, 13 August 2026

Track 4: Green AI and Energy Efficiency (Regular Papers) |

Venue: L-Block, IT LAB-2 (L-104) (IT Dept.)

Time	PID	Title
2:15 PM – 2:25 PM	68	Lead-Time–Optimized Edge AI for Earthquake Early Warning Using Partial P-Wave Analysis
2:25 PM – 2:35 PM	130	Lightweight Machine Learning for Resource-Constrained Urban Traffic Prediction
2:35 PM – 2:45 PM	598	Sustainable Cloud-Native AI Orchestration for Real-Time Multi-Counterparty Derivatives and Collateral Management
2:45 PM – 2:55 PM	1340	FedAdapt: Adaptive Client Selection for Communication-Efficient FedADMM
2:55 PM – 3:05 PM	1808	A Decentralized Regenerative Agriculture Monitoring, Control and Forecasting with Solana Blockchain.
3:05 PM – 3:15 PM	1842	Hydrothermal Performance Evaluation of Hybrid Nanofluids in Heat Exchangers for Efficient Thermal Management of High-Density GPU Data Centers
3:15 PM – 3:20 PM	Break	
3:20 PM – 3:30 PM	1850	AI Guided Multi Scale Modeling of Fast Charging Lithium Ion Cells with Silicon Lithium Titanate and Graphene Enabled Electrodes
3:30 PM – 3:40 PM	1944	Hybrid Fuzzy Logic and Q-Learning Framework for Real-time Demand Response Optimization on Edge Computing Platforms

Day 1 — Thursday, 13 August 2026

Track 5: Ethics, Governance, and Policy in AI (Regular Papers) |

Venue: SMS-Block Seminar Hall (SMS Dept.)

Time	PID	Title
2:15 PM – 2:25 PM	59	Hybrid Sentiment and Machine Learning Approach for Detecting Cyberbullying on social media
2:25 PM – 2:35 PM	744	Earth as a Stakeholder: AI for Ecology, not Economy
2:35 PM – 2:45 PM	989	Real-Time Event Detection and Verification with Blockchain and Transformer-based NLP
2:45 PM – 2:55 PM	1216	Robust Text Detoxification: Synergizing Adversarial Defense with Mamba
2:55 PM – 3:05 PM	1604	Image Deepfake Detection Using Hybrid XceptionNet and Spatial Attention with Grad-CAM
3:05 PM – 3:15 PM	1605	X-FEND: An Explainable, Adversarially Robust Framework for Fake News Detection
3:15 PM – 3:20 PM	Break	
3:20 PM – 3:30 PM	1745	Legal Case Outcome Prediction Using Transformer-Based Models, Ensemble Learning, and Explainable AI Integration
3:30 PM – 3:40 PM	1814	Testability-Aware Ethical AI: A Policy-Driven Framework for Verifiable Fairness, Accountability, and Bias Auditing in Autonomous Systems
3:40 PM – 3:50 PM	1895	DARK WEB DATA MINING FOR CYBER THREAT INTELLIGENCE USING NLP
3:50 PM – 4:00 PM	1983	A Trust-Layered Framework for Discovering Authentic Student Opportunities

Day 1 — Thursday, 13 August 2026

Track 6: AI for Economic Empowerment (Regular Papers) |

Venue: AI&DS LAB-1 (AI&DS Dept.)

Time	PID	Title
2:15 PM – 2:25 PM	640	Generative AI-Driven Therapeutic Simulations for Accelerated Development of Neurodegenerative Disease Medicines
2:25 PM – 2:35 PM	680	A Privacy-Preserving Framework for Financial Fraud Detection Using Federated Learning and Explainable AI
2:35 PM – 2:45 PM	828	Addressing the Social Impact of Job Displacement in times of polycrisis using AI-enabled data analysis
2:45 PM – 2:55 PM	830	Hybrid Ensemble Learning and Fuzzy Inference Framework for Student Predictive Analytics
2:55 PM – 3:05 PM	986	An Intelligent Virtual Assistant Designed To Deliver Personalized Virtual Try-On Experiences
3:05 PM – 3:15 PM	1401	Secure Swipe: Machine Learning-Driven Fraud Prediction Model
3:15 PM – 3:20 PM	Break	
3:20 PM – 3:30 PM	1456	Craft Conn - Digital gateway for rural artisans to global market: preserving traditions through technology
3:30 PM – 3:40 PM	1674	JurisGPT: A Citation-Grounded Legal Assistant for Indian Startup and Corporate Law
3:40 PM – 3:50 PM	1801	Predictive Modeling of Rice Crop Yield in India: Analyzing the Impact of Climatic and Agronomic Factors
3:50 PM – 4:00 PM	1894	ACTRA: A Privacy-Preserving Framework for Auditing and Control of Time-Restricted Access in Cloud Environments
4:00 PM – 4:10 PM	1896	AI Confidence Calibration Failure Detection: An Evaluation on Financial Time-Series Data
4:10 PM – 4:20 PM	1925	Real-Time Spice Detection with MobileNetV2 on NVIDIA Jetson Nano and AGX Xavier
2:15 PM – 2:25 PM	1972	Empirical Comparison of Hallucination Mitigation Techniques in Closed-Domain Knowledge-Grounded QA
2:25 PM – 2:35 PM	1976	Export-Oriented Agro Value Optimization System Using Machine Learning and Market Intelligence

Day 1 — Thursday, 13 August 2026

Track 7a: AI for Smart and Resilient Cities (Regular Papers) |

Venue: D-Block Seminar Hall (MECH. Dept.)

Time	PID	Title
2:15 PM – 2:25 PM	233	Comparative Analysis of Determining Factors of Machine Failure Prediction using Sensor Data Fuzzy Logic
2:25 PM – 2:35 PM	254	A Compact Broadband EVL Metasurface Based Directive Slot Antenna for High Gain in C-band
2:35 PM – 2:45 PM	357	From Data to Diagnosis: Machine Learning Approaches to Mental Health in Tech
2:45 PM – 2:55 PM	390	AI-Based Internship Recommendation Engine for PM Internship Scheme
2:55 PM – 3:05 PM	414	Design and Implementation of an IoT-Based Smart Waste Monitoring and Collection System Using ESP32
3:05 PM – 3:15 PM	460	Breast Cancer Prediction Using Stochastic Gradient Descent with SHAP-Based Explainability
3:15 PM – 3:20 PM	Break	
3:20 PM – 3:30 PM	525	Explainable AI-Driven Cardiovascular Disease Diagnosis Using Vision Transformers and Machine Learning
3:30 PM – 3:40 PM	527	Unified Framework for Object Detection and Segmentation on Hyperspectral Images
3:40 PM – 3:50 PM	700	AI-Powered Traffic Management and Congestion Reduction System
3:50 PM – 4:00 PM	720	Federated Graph Neural Network for Real-Time Banking and Digital Payment Fraud Detection
4:00 PM – 4:10 PM	765	Meta-Learning for Faster NeRF Adaptation
4:10 PM – 4:20 PM	795	Crime Prediction Using K-Means Clustering Algorithm

Day 1 — Thursday, 13 August 2026

Track 7b: AI for Smart and Resilient Cities (Regular Papers) |

Venue: D-Block (D-102) Seminar Hall (MECH. Dept.)

Time	PID	Title
2:15 PM – 2:25 PM	856	Edge-AI Powered Explainable Deep Learning System for Real-Time Fire and Smoke Detection
2:25 PM – 2:35 PM	883	ROI-Based data hiding using DNA-XOR Hybridization and Secure Embedding
2:35 PM – 2:45 PM	987	An Intelligent Machine Learning Model for Spammer Identification in Industrial Mobile Cloud Systems
2:45 PM – 2:55 PM	1079	A Load-Aware Hybrid SDN Routing Architecture for Resilient Wireless Mesh Networks
2:55 PM – 3:05 PM	1082	Violence Detection in Surveillance Videos: Comparison of 2D and 3D CNN Architectures
3:05 PM – 3:15 PM	1287	INFRA-SCOPE: Smart Damage Detection for Safer Infrastructure
3:15 PM – 3:20 PM	Break	
3:20 PM – 3:30 PM	1385	A Survey on Traffic Sign Detection and Classification for Intelligent Transportation Systems
3:30 PM – 3:40 PM	1473	DroneVigil: Deep Learning for Crowd Density and Violence Detection
3:40 PM – 3:50 PM	1486	A Scalable IoT-Based Real-Time College Bus Tracking and Passenger Alert System
3:50 PM – 4:00 PM	1500	Mitigating Interaction Latency in Remote Browser Isolation: A Hybrid Architecture of Internal Injection and Predictive Modeling
4:00 PM – 4:10 PM	1581	Intelligent Traffic Signal System Based on Computer Vision and IoT

Day 1 — Thursday, 13 August 2026

Special Session (SS1) | AI and Inclusive Development

Venue: L-Block IT LAB-3 (L-106) (IT Dept.)

Co-Chairs:

Prof. Babita Verma, Bhilai Institute of Technology, Durg, Chhattisgarh, India

Dr. Satrugan Kumar, Koneru Lakshmaiah Education Foundation, Guntur, India

Prof. K. Subhashini spurjeon, Bhilai Institute of Technology, Durg, Chhattisgarh, India

Time	PID	Title
2:15 PM – 2:25 PM	238	Binary Hybrid Mother Optimization Algorithm with Green Heron Optimization (BMOA-GHOA) for Cancer Microarray Feature Selection
2:25 PM – 2:35 PM	248	Democratizing AI Education Through Multi-Tier Optimization: From Offline Edge Labs to Cost-Optimized Cloud Scale
2:35 PM – 2:45 PM	422	Enhancing Industrial Internet of Things Security: Challenges and Solutions for AI-Driven Intrusion Detection Systems
2:45 PM – 2:55 PM	565	Clustering on Rank-Transformed Data: A Comparative Study Using the Spearman Footrule Distance
2:55 PM – 3:05 PM	582	Density-Based Clustering for Air Pollution Hotspot Detection Using Multi-Pollutant Data
3:05 PM – 3:15 PM	917	Design and Experimental Deployment of a LoRaWAN-Based Smart Metering Network in a Laboratory Environment
3:15 PM – 3:20 PM	Break	
3:20 PM – 3:30 PM	1042	An Interpretable Hybrid BERT–Psycholinguistic Framework for Multiclass Mental Health Disorder Detection.
3:30 PM – 3:40 PM	1043	An Interpretable Deep Learning Framework with Integrated Gradients for Multi-Center Cardiovascular Disease Prediction.
3:40 PM – 3:50 PM	1057	Explainable CCO-XGBoost for Ride Cancellation Prediction in Urban Mobility Systems
3:50 PM – 4:00 PM	1218	Design of a Violence Detection System Using AI
4:00 PM – 4:10 PM	1573	Hybrid Deep Learning-Based Anomaly Detection and Predictive Maintenance Framework for Telematics Systems Using Multi-Sensor Time-Series Data
4:10 PM – 4:20 PM	1595	Agentic AI-Powered Course Recommendation System Using Multi-Agent Collaboration and Context-Aware Reasoning
2:15 PM – 2:25 PM	1708	Development of a User-Friendly Streamlit Application for Personal Carbon Emission Analysis in India

Day 1 — Thursday, 13 August 2026

Special Session (SS2) | Responsible and Sustainable AI & IoMT for Smart Healthcare

Venue: L-Block IT LAB-4 (L-107) (IT Dept.)

Co-Chairs:

Dr. Sonu Agrawal, Shri Shankaracharya Technical Campus, Bhilai (CG) India

Dr. Rohit Raja, Guru Ghasidas Vishwavidyalaya, Bilaspur (CG), India

Dr. Ani Thomas, Bhilai Institute of Technology, Durg (CG), India

Time	PID	Title
2:15 PM – 2:25 PM	291	A Comparative Study of Convolutional Neural Network Variants for Automated Breast Cancer Detection from Histopathological Images
2:25 PM – 2:35 PM	377	A Comprehensive Survey on Automatic Face Database Update Using AI and Machine Learning for Age-Invariant Face Recognition in UIDAI Aadhaar System.
2:35 PM – 2:45 PM	455	SHBIF: A Secure Hybrid Blockchain-IoMT Framework for Intelligent Healthcare with Dynamic Consent Management.
2:45 PM – 2:55 PM	467	Urban Flood Depth Prediction via CNN–LSTM by Learning Raw Rainfall Sequences Instead of Statistical Summaries
2:55 PM – 3:05 PM	477	Deep Learning for Image-Based Detection of Animal Types Using a Staging Approach for Indian Animal Breeding Programs
3:05 PM – 3:15 PM	522	Augmented Reality in Education -A Meta- analysis of Results in Learning and Strategies in AR Education
3:15 PM – 3:20 PM	Break	
3:20 PM – 3:30 PM	734	An Intelligent IoMT-Driven Machine Learning System for Accurate and Real-Time Elderly Fall Detection
3:30 PM – 3:40 PM	868	Green AI and Environmental Sustainability: Regulatory Challenges and Governance Mechanisms
3:40 PM – 3:50 PM	1450	ShopNet-Rec: Graph-Smoothed Hybrid Recommendations for E-Commerce
3:50 PM – 4:00 PM	1945	ICSecureNet: A Trustworthy Multimodal Learning Framework for Cyberattack Detection in Industrial Control Systems and IoT Networks

Day 1 — Thursday, 13 August 2026

Special Session (SS3) | AI-Driven Biotechnological Innovations for Climate-Resilient and Sustainable Agriculture

Venue: CSE Seminar Hall (C-203) (CSE Dept.)

Co-Chairs:

Prof. N.Deepa, Saveetha School of Engineering, SIMATS, Chennai, India

Nandagopal Seshagiri, Okta, Inc., California, USA

Time	PID	Title
2:15 PM – 2:25 PM	833	Harnessing Artificial Intelligence and Biotechnology towards Climate-Resilient and Sustainable Agricultural Systems
2:25 PM – 2:35 PM	857	ST-UrbanFormer: Uncertainty-Aware Spatio-Temporal Transformer Modeling for Fine-Grained PM2.5 Forecasting in Dense Urban Environments
2:35 PM – 2:45 PM	858	A Bayesian Network Assisted AI Framework for Probabilistic Water Quality Assessment in Data Sparse River Systems
2:45 PM – 2:55 PM	860	EC ² D-Net- An Early Contamination Aware CNN–LSTM Framework for Smart Water Distribution Networks
2:55 PM – 3:05 PM	968	Retinex-based Low-Light Image Enhancement using Generative Adversarial Networks (GAN)
3:05 PM – 3:15 PM	1177	A Light-Aware Attention-Based Deep Learning Model for Robust Plant Disease Detection Under Field Conditions
3:15 PM – 3:20 PM	Break	
3:20 PM – 3:30 PM	1178	Environment-Embedded Attention Network for Plant Disease Recognition Across Diverse Agricultural Conditions
3:30 PM – 3:40 PM	1203	Anomaly Driven Serverless Adaptation For Smart Manufacturing Edge With Cloud Internal For Security Aware Fault Tolerant Microservice Autoscaling
3:40 PM – 3:50 PM	1650	AdaB-DNN: Employee Stress Prediction with Accurate Feature Selection and Pattern Learning Process

Day 1 — Thursday, 13 August 2026

Special Session (SS4) | Recent Trends in AI based Cyber Physical Systems

Venue: TPO LAB -2 (CDC Dept.)

Co-Chairs:

Dr. Vandana Sharma, Christ University, Delhi NCR Campus, India

Dr Vishnu Pendyala, San Jose University, United States

Dr. Ahmed A. Elngar, Beni-Suef University, Egypt

Time	PID	Title
2:15 PM – 2:25 PM	463	MLA-UNet: A Lightweight Multi-Level Attention UNet for Lung CT Image Segmentation
2:25 PM – 2:35 PM	511	Evaluating Adversarial Robustness in Phishing URL Detection Under Realistic Manipulations
2:35 PM – 2:45 PM	854	A Multi-Stage Machine Learning Approach for Accident Severity Classification and Risk-Aware Hotspot Detection
2:45 PM – 2:55 PM	879	A Fuzzy Logic-Driven Federated Reinforcement Learning Framework with Consortium Blockchain for Green Edge Computing
2:55 PM – 3:05 PM	1449	Machine Learning Driven Intrusion Detection and Prevention System
3:05 PM – 3:15 PM	1821	Music Genre Classification Using Deep Learning
3:15 PM – 3:20 PM	Break	
3:20 PM – 3:30 PM	1822	A Hybrid Dual-Input Deep Learning Model for Precision Agriculture: Fusing Visual Leaf Symptoms and Soil Npk Values for Robust Crop Health Assessment
3:30 PM – 3:40 PM	1823	Automated Currency Verification System: Using Dual-Input CNN with RGB and Edge Feature Fusion
3:40 PM – 3:50 PM	1875	Comparative Analysis of Machine Learning Algorithms for Regional Breast Cancer Prediction

Day 1 — Thursday, 13 August 2026

Special Session (SS5a) | AI-Driven Sustainable and Ethical Solutions for Healthcare, Law, and Social Good

Venue: TPO LAB -3 (CDC Dept.)

Co-Chairs:

Dr. Mukesh Kumar, CGC University Mohali, Punjab, India

Dr. Gagandeep Kaur, CGC University Mohali, Punjab, India

Dr. Enas Mohamed Ali Quteishat, Sohar University, Sohar, Sultanate of Oman

Time	PID	Title
2:15 PM – 2:25 PM	819	Multi-Class Prediction of Obesity and Early Identification of Health Risks
2:25 PM – 2:35 PM	1075	Real-Time Smart Utility Communication Using Adaptive Hybrid LPWAN Architecture in Urban Environments
2:35 PM – 2:45 PM	1076	QoS-Aware Hybrid LPWAN Architecture for Reliable and Low-Latency Rural IoT Communication
2:45 PM – 2:55 PM	1081	Resource-Aware Device Activation Policy for Energy-Budgeted IoT Deployments in Agricultural Fields
2:55 PM – 3:05 PM	1083	A Federated TinyML and Blockchain-Enabled Authentication Framework for LPWAN IoT Systems
3:05 PM – 3:15 PM	1084	Bio-Inspired Frequency Allocation in Dense LoRa Networks for Autonomous Wildlife Tracking Systems
3:15 PM – 3:20 PM	Break	
3:20 PM – 3:30 PM	1085	A Federated Multi-Agent Beam Alignment Framework for Real-Time Massive MIMO-Based 6G Access Points
3:30 PM – 3:40 PM	1087	Real-Time Emotion-Responsive Beamforming Adaptation for Haptic Feedback in Remote Surgery via 6G
3:40 PM – 3:50 PM	1088	Drone-Assisted Massive MIMO 6G Architecture for Low-Latency Communication in Underserved Regions
3:50 PM – 4:00 PM	1092	Self-Supervised Learning Framework for Predictive Congestion Avoidance in Autonomous Wireless Networks
4:00 PM – 4:10 PM	1093	Federated Transfer Intelligence for Cross-Domain Wireless Network Performance Optimization
4:10 PM – 4:20 PM	1094	Context-Aware Generative Network Models for Autonomous Topology Evolution in Wireless Systems

Day 1 — Thursday, 13 August 2026

Special Session (SS5b) | AI-Driven Sustainable and Ethical Solutions for Healthcare, Law, and Social Good

Venue: TPO LAB -4 (CDC Dept.)

Co-Chairs:

Dr. Mukesh Kumar, CGC University Mohali, Punjab, India

Dr. Gagandeep Kaur, CGC University Mohali, Punjab, India

Dr. Enas Mohamed Ali Quteishat, Sohar University, Sohar, Sultanate of Oman

Time	PID	Title
2:15 PM – 2:25 PM	1095	Predictive Reinforcement Learning Architecture for Energy and Bandwidth Optimization in IoT Networks
2:25 PM – 2:35 PM	1100	Dynamic Topology Metamaterial Antennas with Programmable Beam Scanning for Hyperspectral Imaging
2:35 PM – 2:45 PM	1101	Self-Healing Bio-Compatible Antennas Using Nano-Metafluidics for Medical Implant Communication
2:45 PM – 2:55 PM	1102	AI-Tuned Fractal Antenna Designs for Low-Profile Ultra-Wideband Military Communication Systems
2:55 PM – 3:05 PM	1103	Multi-Polarisation Metasurface Antenna for Simultaneous Communication and Power Transfer in IoT
3:05 PM – 3:15 PM	1108	Dynamic Channel Reconfiguration via Quantum Dot Modulators in Optical mmWave Hybrid Systems
3:15 PM – 3:20 PM	Break	
3:20 PM – 3:30 PM	1110	Thermal Noise Cancellation in Ultra-High Frequency Microwave Systems Using AI-Based Predictive Filters
3:30 PM – 3:40 PM	1111	A Terahertz Photonic Crystal Communication Framework for Ultra-Low Latency Medical Imaging Networks
3:40 PM – 3:50 PM	1112	A Biologically-Inspired LiFi Communication Protocol for Underwater Swarm Robotics Coordination
3:50 PM – 4:00 PM	1113	Solar-Powered LiFi Architecture for Real-Time Communication in Remote Agricultural Monitoring Systems
4:00 PM – 4:10 PM	1114	Atmospheric Distortion Compensation in Free Space Optical Links Using Real-Time Image Processing Feedback
4:10 PM – 4:20 PM	1115	Smart Surface Reflector Design for Direction Controlled LiFi in Indoor Smart Building Automation

Day 1 — Thursday, 13 August 2026

Special Session (SS5c) | AI-Driven Sustainable and Ethical Solutions for Healthcare, Law, and Social Good

Venue: TPO LAB-1 (CDC Dept.)

Co-Chairs:

Dr. Mukesh Kumar, CGC University Mohali, Punjab, India

Dr. Gagandeep Kaur, CGC University Mohali, Punjab, India

Dr. Enas Mohamed Ali Quteishat, Sohar University, Sohar, Sultanate of Oman

Time	PID	Title
2:15 PM – 2:25 PM	1118	Self-Evolving Vision Transformer Architecture for Autonomous Scene Understanding in Industrial Surveillance
2:25 PM – 2:35 PM	1119	Texture-Context Dual Stream Segmentation Framework for Complex Urban Vision Environments
2:35 PM – 2:45 PM	1120	Cross-Spectral Deep Fusion Model for Robust Low Light and Thermal Image Enhancement in Smart Security Systems
2:45 PM – 2:55 PM	1121	Context-Aware Spatiotemporal Deep Encoding for Gesture Recognition in Augmented Reality Interfaces
2:55 PM – 3:05 PM	1122	An Adaptive Convolutional Vision Framework for Cross-Domain Object Recognition in Remote Environments
3:05 PM – 3:15 PM	1123	GSpatio-Temporal Deep Learning for Predictive Analysis of Cardiac Arrhythmias from Ultrasound Video Sequences
3:15 PM – 3:20 PM	Break	
3:20 PM – 3:30 PM	1124	Cross-Modal Attention-Based MRI–PET Fusion Framework for Real-Time Cancer Diagnosis
3:30 PM – 3:40 PM	1125	Emotion-Driven AI Interface for Assisting Radiologists with Contextual Analysis of Medical Imaging Reports
3:40 PM – 3:50 PM	1161	Emotion-Resilient Internet of Things: A System That Adapts to Human Mood Over Time

Day 2 — Friday, 14 August 2026: Paper presentation Sessions-I (PPS2): 12 Parallel Sessions

Day 2 — Friday, 14 August 2026 Track 2a: AI for Healthcare and Well-being (Regular Papers) Venue: D-Block Seminar Hall (MECH. Dept.)		
Time	PID	Title
10:50 AM – 11:00 AM	252	Exploring the Challenges in Healthcare and Insurance in USA: A Machine learning perspective
11:00 AM – 11:10 AM	324	AI-Based Medical Chatbot for Real-Time Healthcare Assistance
11:10 AM – 11:20 AM	342	XAI-Driven Multi-Disease Detection System Using Optimized Ensemble Machine Learning
11:20 AM – 11:30 AM	381	REVIEW ON MENTAL HEALTH PREDICTION AND ANALYSIS USING HYBRID DEEP LEARNING
11:30 AM – 11:40 AM	382	Enhancing Mental Health Well-Being Through AI-Enabled IoT Solutions
11:40 AM – 11:45 AM	Break	
11:45 AM – 11:55 AM	417	Comparative Analysis of CNN Architectures for Bone Fracture Classification
11:55 AM – 12:05 PM	581	SkinAlign: Reliability Aware Dermatological Image Classification with Surface Aware Augmentation
12:05 PM – 12:15 PM	687	Digital Health in Education: A Sensor-Cloud Prototype for Student Health Monitoring
12:15 PM – 12:25 PM	839	Comparative Analysis of Lightweight CNN Models for Multi-Label Chest X-ray Screening with Explainable AI
12:25 PM – 12:35 PM	898	An Integrated Regression and Deep Learning Framework for EGFR Mutation-Driven Drug Response Prediction

Day 2 — Friday, 14 August 2026

Track 2b: AI for Healthcare and Well-being (Regular Papers) |

Venue: CSE-Seminar Hall (C-203) (CSE Dept.)

Time	PID	Title
10:50 AM – 11:00 AM	899	Deep Learning-Based Medicinal Leaf Identification Using a Hybrid ResNet50 and VGG16 Architecture
11:00 AM – 11:10 AM	959	Volumetric Lung Nodule Segmentation and Malignancy Risk Prediction Using a Hybrid U-Net Transformer and Whale Optimization Algorithm
11:10 AM – 11:20 AM	983	Leveraging Medical Large Language Models with Agentic AI Systems in Precision Healthcare
11:20 AM – 11:30 AM	1070	Silent Heart Attack Detection in COVID19 and Non-COVID19 Patients using AI-based Approaches
11:30 AM – 11:40 AM	1330	Smart Digital Mobility Performance Stick
11:40 AM – 11:45 AM	Break	
11:45 AM – 11:55 AM	1335	Blockchain and the Future of Relationship Registration Indian Law Perspective on Marriage and Cohabitation
11:55 AM – 12:05 PM	1397	symptom-Based Disease Prediction Using Supervised Machine Learning and Chatbot Interaction
12:05 PM – 12:15 PM	1422	XAI-TransMed: Explainable AI Transformer-Based Medical Model for Alzheimer's Disease Detection and Progression Rate
12:15 PM – 12:25 PM	1436	An Optimized Hybrid Deep Neural Networks for Intelligent Fundus Disease Diagnosis
12:25 PM – 12:35 PM	1489	Machine Learning-Based Diabetes and Heart Disease Probability

Day 2 — Friday, 14 August 2026

Track 2c: AI for Healthcare and Well-being (Regular Papers) |

Venue: D-Block (D-102) Seminar Hall (MECH. Dept.)

Time	PID	Title
10:50 AM – 11:00 AM	1506	Joint Evidence Extraction and Selective Prediction for Trustworthy Biomedical Question Answering Using BioBERT
11:00 AM – 11:10 AM	1645	Model-Driven Diffusion for k-Space MRI Reconstruction Using SPIRiT-Inspired Stochastic Dynamics
11:10 AM – 11:20 AM	1646	Intelligent Hospital Asset Tracking via UWB Localization and Edge-Based TinyML Analytics
11:20 AM – 11:30 AM	1659	Real-Time Attention Monitoring and Adaptive Interventions for Children with ADHD: A Systematic Review
11:30 AM – 11:40 AM	1662	Attention-Enhanced Deep Learning Models for Reliable Skin Lesion Classification on HAM10000
11:40 AM – 11:45 AM	Break	
11:45 AM – 11:55 AM	1667	QurdDB: Simplifying Database Access Through Voice and Text
11:55 AM – 12:05 PM	1713	Machine Intelligence Techniques for High Performance Gene Optimization
12:05 PM – 12:15 PM	1714	Accessible Digital Healthcare: Multilingual Chatbots for Diverse Patient Communities
12:15 PM – 12:25 PM	1719	Chrono Vault: An Advanced AI-Driven Optimization Framework for Temporal Data Analysis, Intelligent Code Rephrasing, and Performance Enhancement
12:25 PM – 12:35 PM	1753	Risk Stratification of Type 2 Diabetes Using Explainable AI and HOMA-Based Metabolic Markers

Day 2 — Friday, 14 August 2026

Track 2d: AI for Healthcare and Well-being (Regular Papers) |

Venue: CSE-L (C-111) (CSE Dept.)

Time	PID	Title
10:50 AM – 11:00 AM	1803	RetinoAI: A Multi-Architecture Vision Transformer Framework for Scalable, Accessible Diabetic Retinopathy Severity Grading
11:00 AM – 11:10 AM	1806	Self-Supervised Contrastive Learning for Universal ECG Representation with Explainable Arrhythmia Detection
11:10 AM – 11:20 AM	1816	Retinal Image Enhancement by hybrid deep learning approach using U-Net with Generative Adversarial Networks
11:20 AM – 11:30 AM	1906	TrustAnchor: End-to-End, Scalable Layer-2 Blockchain Provenance for Pharmaceutical Supply Chains
11:30 AM – 11:40 AM	1911	A Robust Deep Neural Network Model for Multi-Category Skin Disease Recognition Using Channel Attention
11:40 AM – 11:45 AM	Break	
11:45 AM – 11:55 AM	1937	A Real-Time Multimodal Deep Learning Framework for Depression Detection Using Voice, Text, and Facial Signals
11:55 AM – 12:05 PM	2361	Performance-Aware Vision-Based Artificial Intelligence for Continuous Patient Monitoring and Fall Detection in Smart Hospital Environments

Day 2 — Friday, 14 August 2026

Track 3a: AI and Inclusive Development (Regular Papers) |

Venue: IT LAB-1 (L-103) (IT Dept.)

Time	PID	Title
10:50 AM – 11:00 AM	46	Integrating AI for Real-Time Visual Understanding and Audio Support in Assistive Technology
11:00 AM – 11:10 AM	113	SHAIMA-DSC: A Scalable Hybrid Artificial Intelligence Framework for Multimodal Analysis of Digital and Scripted Corpus
11:10 AM – 11:20 AM	164	A Novel Autoencoder based Unsupervised Software Anomaly Detection System
11:20 AM – 11:30 AM	601	Secure Cloud-Native Architectures for Scalable AI-Based IoT Data Integration and Smart Automation
11:30 AM – 11:40 AM	639	AI-Enabled Data Engineering for Sustainable Semiconductor Testing and Yield Optimization
11:40 AM – 11:45 AM	Break	
11:45 AM – 11:55 AM	669	A Secure Offline Multimodal RAG-LLM Architecture for NTRO Government Policy Processing
11:55 AM – 12:05 PM	684	AI-Empowered Compliance Audit Framework for Sustainable Manufacturing Infrastructure
12:05 PM – 12:15 PM	759	A Domain-Aligned Fine-Tuning Framework for Conversational Agents Supporting Caregivers of Children with ASD
12:15 PM – 12:25 PM	792	Hardware Trojan Detection using Power Analysis
12:25 PM – 12:35 PM	822	AI-Based Women Safety Prediction and Alert System

Day 2 — Friday, 14 August 2026

Track 3b: AI and Inclusive Development (Regular Papers) |

Venue: IT LAB-2 (L-104) (IT Dept.)

Time	PID	Title
10:50 AM – 11:00 AM	861	Text Classification for Content Moderation: A Comparative Analysis on Reddit Spam Detection
11:00 AM – 11:10 AM	900	Perceptually Guided Cross-Attention Transformer for Unified Blind and Full-Reference IQA
11:10 AM – 11:20 AM	1326	An AI-Based Framework for Automated Forensic Image Analysis and Crime Scene Report Generation
11:20 AM – 11:30 AM	1395	AR-Based Indoor Navigation Using Visual Localization and NavMesh Path Planning
11:30 AM – 11:40 AM	1458	MediAssist Intelligent Care System
11:40 AM – 11:45 AM	Break	
11:45 AM – 11:55 AM	1468	AI Based Malware Classification and Risk Scoring System Using Machine Learning
11:55 AM – 12:05 PM	1488	Hybrid 3D-CNN Transformer Network for Multiclass Crowd Motion Pattern Recognition
12:05 PM – 12:15 PM	1492	Evolutionary Learning for Automatic Hyperparameter Selection in Lightweight Real-Time Object Detectors
12:15 PM – 12:25 PM	1507	Spatio-Temporal Deepfake Detection Using a Hybrid CNN–Vision Transformer Architecture
12:25 PM – 12:35 PM	1538	ROI-Based Medical Image Encryption Using Grayscale Segmentation, AES-GCM, and Robust Watermarking

Day 2 — Friday, 14 August 2026

Track 3c: AI and Inclusive Development (Regular Papers) |

Venue: IT LAB-3 (L-106) (IT Dept.)

Time	PID	Title
10:50 AM – 11:00 AM	1612	Automated Evaluation of Descriptive Answer Sheets Using OCR and Semantic NLP
11:00 AM – 11:10 AM	1635	Vehicle Detection with Improved YOLOv8 Architecture under Occlusion and Illumination Change
11:10 AM – 11:20 AM	1636	Deepfake Detection: A Unified Multi-Modal Framework for Images, Videos, and Audio
11:20 AM – 11:30 AM	1759	Exploring the Understanding of Job Satisfaction Determinants Among Educators
11:30 AM – 11:40 AM	1764	AdaRoute-RAG: Adaptive Hybrid Retrieval Architecture with Intelligent Query Classification and Self-Reflective Verification for Accurate RAG Systems
11:40 AM – 11:45 AM	Break	
11:45 AM – 11:55 AM	1845	Temporal Convolutional Networks for Three-Dimensional Air-Writing Recognition: A Deep Learning Approach with Dilated Causal Convolutions
11:55 AM – 12:05 PM	1847	Impact of Artificial Intelligence Technologies on Employee Productivity in Multinational Companies: A Research Perspective
12:05 PM – 12:15 PM	1873	Intelligent Threat Monitoring in Enterprise Networks using GNNs
12:15 PM – 12:25 PM	1879	Secure Voice-Controlled Desktop Interaction Using ECAPA-TDNN and NLP
12:25 PM – 12:35 PM	1909	MAVIS: Multimodal AI-driven Visual Storytelling Framework

Day 2 — Friday, 14 August 2026

Special Session (SS6a) | AI for Healthcare, Education, and Agriculture: Pathways to Global Sustainability

Venue: N- Block Seminar Hall (ECE Dept.)

Co-Chairs:

Dr. Rashi Tyagi, Galgotias University, Greater Noida, Uttar Pradesh, India

Dr. Anjali Verma, Rayat Bahra University, Mohali, Punjab, India

Dr. Amit Verma, CGC University Mohali, Punjab, India

Time	PID	Title
10:50 AM – 11:00 AM	727	Intelligent Modeling of Subgrade Soil Behavior: Application of Machine Learning for Optimal Soil Reinforcement
11:00 AM – 11:10 AM	730	Artificial Intelligence Applications in Precision Soil Monitoring and Environmental Sustainability
11:10 AM – 11:20 AM	749	A Machine Learning Framework for Fake News Detection: Experiments on ISOT and Real-World News Data
11:20 AM – 11:30 AM	784	Predicting Mental Health Disorders in High-Altitude and Resource-Limited Settings: A Systematic Review of Machine Learning Applications in the Himalayan Region
11:30 AM – 11:40 AM	786	Multi-Objective Machine Learning Models for Optimizing Stabilizer Dosage for Expansive Soil of Himachal Pradesh
11:40 AM – 11:45 AM	Break	
11:45 AM – 11:55 AM	870	Machine Learning-Based Sales Forecasting for Business Performance Improvement
11:55 AM – 12:05 PM	872	An Intelligent Machine Learning Framework For Early Detection And Classification of Blood Cancers In The Himalayan Region: A Literature Review
12:05 PM – 12:15 PM	1233	Reducing Aircraft Fuel Consumption Through Machine Learning-Based Flight Routing
12:15 PM – 12:25 PM	1234	Preventing Crop Failure Using Drone-Based AI Disease Detection
12:25 PM – 12:35 PM	1238	Mitigating Structural Failures in Ageing Bridges Using Digital Twin and IoT-Based Stress Monitoring

Day 2 — Friday, 14 August 2026

Special Session (SS6b) | AI for Healthcare, Education, and Agriculture: Pathways to Global Sustainability

Venue: -N- Block E-Class Room (N-108) (ECE Dept.)

Co-Chairs:

Dr. Rashi Tyagi, Galgotias University, Greater Noida, Uttar Pradesh, India

Dr. Anjali Verma, Rayat Bahra University, Mohali, Punjab, India

Dr. Amit Verma, CGC University Mohali, Punjab, India

Time	PID	Title
10:50 AM – 11:00 AM	1239	Reducing Construction Delays Through AI-Powered Predictive Project Scheduling Models
11:00 AM – 11:10 AM	1240	Reducing Latency in Distributed IoT Networks Through Edge-AI Optimisation
11:10 AM – 11:20 AM	1243	Reinforcement-Learning Powered Dynamic Scheduler (RL-DS): An Adaptive Framework to Minimise Energy Waste in Data Centres
11:20 AM – 11:30 AM	1246	Addressing Algorithmic Bias in AI Systems Using Ethical Fairness Models
11:30 AM – 11:40 AM	1247	Reducing Deepfake Misinformation via Explainable AI Video Forensics
11:40 AM – 11:45 AM	Break	
11:45 AM – 11:55 AM	1249	Improving Cloud Resource Utilization Through Quantum-Inspired Optimization Algorithms
11:55 AM – 12:05 PM	1250	Eliminating Signal Interference in IoT Devices via Adaptive Filtering Algorithms
12:05 PM – 12:15 PM	1251	Improving Data Transmission in Harsh Environments Using Error-Tolerant AI Coding
12:15 PM – 12:25 PM	1252	Mitigating Channel Fading in mmWave Systems with Hybrid Beamforming Optimisation
12:25 PM – 12:35 PM	1253	Solving Latency Issues in V2X Communication via Edge-Based 6G Orchestration

Day 2 — Friday, 14 August 2026

Special Session (SS6c) | AI for Healthcare, Education, and Agriculture: Pathways to Global Sustainability

Venue: -N- Block LAB (N-105) (ECE Dept.)

Co-Chairs:

Dr. Rashi Tyagi, Galgotias University, Greater Noida, Uttar Pradesh, India

Dr. Anjali Verma, Rayat Bahra University, Mohali, Punjab, India

Dr. Amit Verma, CGC University Mohali, Punjab, India

Time	PID	Title
10:50 AM – 11:00 AM	1254	Enhancing Wireless Security Through AI-Based Jamming Detection Mechanisms
11:00 AM – 11:10 AM	1255	Addressing High Bandwidth Demand Using AI-Enabled Dynamic Spectrum Sharing
11:10 AM – 11:20 AM	1256	Improving Biomedical Signal Clarity with Quantum Noise Reduction Filters
11:20 AM – 11:30 AM	1257	Cognitive Edge Intelligence for Real-Time Spectrum Allocation in 6G Networks
11:30 AM – 11:40 AM	1258	Quantum Channel Noise Estimation Using Hybrid Entangled State Perturbation for Secure Internet of Things Communication
11:40 AM – 11:45 AM	Break	
11:45 AM – 11:55 AM	1259	AI-Driven Beam Optimization for Massive MIMO in Dense Urban Channels
11:55 AM – 12:05 PM	1260	Real Time Fault Localization in Optical Networks Using a Spatio Spectral Convolutional Learning Framework
12:05 PM – 12:15 PM	1262	Preventing Power Blackouts Using AI-Based Fault Prediction in Smart Grids
12:15 PM – 12:25 PM	1263	Minimising Energy Theft Using AI-Powered Smart Meter Analytics
12:25 PM- 12:35 PM	1264	Tackling Renewable Power Instability with Adaptive Predictive Controllers

Day 2 — Friday, 14 August 2026

Special Session (SS6d) | AI for Healthcare, Education, and Agriculture: Pathways to Global Sustainability

Venue: L- Block IT LAB-4 (L-107) (IT Dept.)

Co-Chairs:

Dr. Rashmi Tyagi, Galgotias University, Greater Noida, Uttar Pradesh, India

Dr. Anjali Verma, Rayat Bahra University, Mohali, Punjab, India

Dr. Amit Verma, CGC University Mohali, Punjab, India

Time	PID	Title
10:50 AM – 11:00 AM	1265	Preventing Equipment Damage Through Edge-Based Power Quality Monitoring
11:00 AM – 11:10 AM	1267	Reducing Line Losses in Transmission Networks Using Swarm Optimisation Algorithms
11:10 AM – 11:20 AM	1268	Reducing Factory Accidents Through AI-Powered Predictive Safety Analytics
11:20 AM – 11:30 AM	1269	Tackling Production Downtime Using Human–Robot Collaborative AI Systems
11:30 AM – 11:40 AM	1270	Preventing Cyber Attacks in Industrial IoT via Blockchain Security Layers
11:40 AM – 11:45 AM	Break	
11:45 AM – 11:55 AM	1271	Enhancing Process Efficiency Using Digital Twin-Enabled Adaptive Control
11:55 AM – 12:05 PM	1276	An AI-Guided Access Control System for Implementing Dynamic Zero-Trust Policies in Hybrid Cloud Environments
12:05 PM – 12:15 PM	1280	Adaptive Bias Compensation Engine for Mitigating Process Variation Effects in FinFET-Based Analog Circuit Design
12:15 PM – 12:25 PM	1322	Architecting the Future of Entrepreneurial Innovation: A Systematic Review of AI, Blockchain, and IoT Synergy

Day 2 — Friday, 14 August 2026

Special Session (SS7) | AI-Powered Sustainable and Intelligent Mobility Systems for Next Generation Automobiles

Venue: CSE LAB (C-112) (CSE Dept.)

Co-Chairs:

Prof. Devi. T, Saveetha School of Engineering, SIMATS, Chennai, India

Prof Arun Kumar Elengovan, Okta, Inc, California, USA

Time	PID	Title
10:50 AM – 11:00 AM	383	Nyaya.AI – Democratizing Legal Knowledge and Services through AI
11:00 AM – 11:10 AM	454	Efficient Compliance Monitoring in Contact Center Transcripts Using Transformer-Based Conversational Analysis
11:10 AM – 11:20 AM	841	Attention-Based Deep Learning with GAN Augmentation for Skin Disease Segmentation and Classification
11:20 AM – 11:30 AM	843	Deep Feature Extraction and Ensemble Learning for Intrusion Detection Using XGBoost, LSTM, and CNN
11:30 AM – 11:40 AM	961	Recognition and Classification of Chronic Kidney Diseases Using YOLOv5: A Novel Framework for Diagnostic Support
11:40 AM – 11:45 AM	Break	
11:45 AM – 11:55 AM	970	Data-Driven Eco-Driving Optimization in Electric Vehicles: A Deep Learning Perspective
11:55 AM – 12:05 PM	1179	Light-Aware Contrastive Attention Fusion Network (LA-CAFN) for Robust Plant Disease Recognition Under Variable Field Conditions
12:05 PM – 12:15 PM	1180	Deep Learning Models for Plant Leaf Disease Detection: A Comprehensive Analysis of Attention, Environmental, and Contrastive Learning Approaches
12:15 PM – 12:25 PM	1334	Deep Learning Driven Multi-Disease Retinal Diagnosis with a Real-Time Web Interface