

International Conference
on
Intelligent Computational and Communication Technologies for Sustainable Development (ICCT-SD 2026)
1st –3rd April, 2026
(Hybrid Mode)

Session ID	Date/Mode of Conduct	Session Name / Timings	Google Link (If Applicable)	Sr No.	Paper ID	Title of the Paper
S1	01-04-2026 (Offline)	AI and ML for Sustainable Development 1.30PM-4.30PM	N/A	1	24	A survey on various machine learning techniques for air quality prediction
				2	108	Equipping Machine Learning for Organizational Project Efficiency and Schedule Assurance
				3	222	AI Driven Collision Detection and Avoidance in Autonomous Systems: A Consolidated Review
				4	189	Digital Farmer Hub: Empowering Rural Agriculture through AI Enhanced Cloud Platform
				5	80	AI-Driven Research Approach for Accessing Airline Service Performance via Customer Sentimental Analysis
				6	250	Hybrid Transfer Learning based Framework for Vision-Driven Elderly Activity Recognition
				7	98	A Survey on Malware Detection in IoT devices using AI
				8	253	Anomaly Detection in Credit Card Transactions using Machine Learning Techniques

S2	01-04-2026 (Offline)	Intelligent Smart Systems 1.30PM-4.30PM	N/A	1	68	Fog-Enabled IoT Architecture for Smart Cities: Challenges, Comparative Analysis, and Future Deployment Framework
				2	256	Adaptive Risk Based Access Control Framework In Zero Trust Security for IoT Networks
				3	130	A Vision Transformer–Language Model Integrated Framework for ASL-to-ISL Translation with Audio-Video Generation
				4	254	A Review of Automatic Speech Recognition Techniques for Low-Resource Languages
				5	133	Dynamic Recovery of Nitinol Shape Memory Alloy (SMA) Using PID Controlled Joule Heating for Smart Wearable Health Monitoring
				6	220	Privacy Threats and Mitigation Strategies in Federated Learning for Healthcare: A Systematic Literature Review
				7	255	Uncertainty-Based Burnout vs Depression Detection from Social Media Screening
				8	247	A Computational Analysis of Mental and Physical Health Based on Gender Divide
				1	216	An XAI-XGBoost Framework for Network Intrusion Detection using the UNSW-NB15 Dataset
				2	219	SMART INDOOR NAVIGATION SYSTEM
				3	243	Phasic Policy Gradient Based Navigation Technique for Autonomous Unmanned Aerial Vehicle

S3	01-04-2026 (Offline)	Communication Technologies and Security 1.30PM-4.30PM	N/A	4	259	Hybrid CDEIR GNN DQN Routing for Wireless Sensor Networks
				5	146	Performance and Security Comparison and Validation of a Cognitive Intent-Based Networking Framework for TCP SYN Flood Defense
				6	169	A Dialogflow-Driven Framework for Real-Time Translation, Sentiment Handling, and Predictive Vectorization in Museum Ticketing System
				7	186	Towards Verifiable Defence Information: An Evidence-Constrained Fact Verification Framework
				8	248	Reversible Data Hiding in Encrypted Images: A Comprehensive Review
S4	02-04-2026 (Online)	AI and ML for Sustainable Development 9.00AM-1.00 PM	Join Zoom Meeting https://zoom.us/j/98536806320?pwd=y8xZEGveHc0tvL7Fq3mBrBN8Hb92f3.1 Meeting ID: 985 3680 6320 Passcode: g39yBw	1	33	CTGAN-Enhanced Machine Learning-Based Estimation of Visceral Leishmaniasis Resurgence Risk using Climatic and Demographic Factors
				2	43	Multimodal Machine Learning Model for Predicting and Explaining Academic Performance
				3	67	A Synergistic Gyroscope-LSTM Approach for Predictive Drone Stability and Control
				4	117	Driver Distraction Detection using Deep Learning
				5	119	Integrating Probabilistic Models and Neural Networks for Enhanced Part-of-Speech Tagging and Spellchecking in Telugu
				6	157	CAT-SR: Cross-Market Attention Transfer for Seller Recommendations

				7	200	A Multi-Model Deep Learning System for Real-Time Recognition of Indian Sign Language
				8	217	Artificial Intelligence Based Techniques for Prediction of Air Quality Index
				9	225	Comparative Study Of Machine Learning Techniques For Financial Market
S5	02-04-2026 (Online)	Cloud Computing and Contemporary Technologies 9.00AM-1.00PM	Join Zoom Meeting https://zoom.us/j/98536806320?pwd=y8xZEGveHc0tvL7Fq3mBrBN8Hb92f3.1 Meeting ID: 985 3680 6320 Passcode: g39yBw	1	30	A Systematic Review of Hyperledger Frameworks for healthcare Data Security and Interoperability
				2	35	Forecasting Coastal water quality dynamics using Long short term memory model
				3	47	PhishMamba: A Hybrid State Space Model and Attention Architecture for Phishing Detection
				4	54	Lightweight Deep Learning–Based Intrusion Detection Systems: A Comprehensive Review of Methods, Limitations and Open Research Challenges
				5	57	Text-to-Speech Conversion for the Specific Indian Language Using Natural Language Processing Framework
				6	112	A Survey of Recent Advancements in Multimodal Sentiment Analysis Techniques
				7	122	An Analytical Study of Contemporary Cloud Storage Services
				8	127	Generative AI for Cloud Resource Demand Forecasting and Auto-Scaling: A Comprehensive Review

				9	175	An IEEE-Compliant SRS Generation Framework Using Local Large Language Models and Intelligent Document Understanding
				10	195	Language translation using automata and nlp models
S6	02-04-2026 (Online)	Next Generation Networks 9.00AM-1.00PM	Join Zoom Meeting https://zoom.us/j/98536806320?pwd=y8xZEGveHc0tvL7Fq3mBrBN8Hb92f3.1 Meeting ID: 985 3680 6320 Passcode: g39yBw	1	42	Breast Cancer Classification: A Review of Meta-Learning Techniques
				2	60	Hybrid Scheme for Enhancing Entropy in Secure Communication of Resource-Constrained UAVs
				3	65	Enhancing WSN Security by Using Hybrid Approaches
				4	95	Android Aging Corpus (AAC v1.0): A Multi-Domain Dataset for Empirical Study of Software Aging and Rejuvenation in Mobile Systems
				5	140	A Hybrid Encryption and Fragmentation Framework for Secure Data Transmission and Distributed Storage in Modern Data Centers
				6	153	Comparative Analysis of Wireless Communication Protocols
				7	241	Automated Dynamic Schema Evolution for Eliminating Pipeline Brittleness in Real-Time Data Ingestion Systems
				8	245	A Two-Stage Framework for Punjabi Idiom Detection and Translation
				9	215	Benchmarking Graph Representation Learning for Ethereum Transaction Fraud Detection

S7	02-04-2026 (Online)	AI for secure Sustainable Agriculture 9 AM-1.00PM	Join Zoom Meeting https://zoom.us/j/98536806320?pwd=y8xZEGveHc0tvL7Fq3mBrBN8Hb92f3.1 Meeting ID: 985 3680 6320 Passcode: g39yBw	1	55	A Lesion-Aware Hybrid QCNN-XGBoost Framework for Automated Paddy Leaf Disease Detection and Severity Estimation
				2	56	Explainable AI-Driven Crop Yield Prediction Using Machine Learning
				3	83	Deep Learning Driven System for Smart Crop Choice , Fertilizer Suggestion and Leaf Disease Detection
				4	84	Integrated Framework for Precision Agriculture Using Deep Learning and Remote Sensing
				5	134	IRRIGMAN - Irrigation Management Knowledge Sharing and Question Answering Tool Using SBERT and RAG Model
				6	170	High Accuracy Leaf Disease Detection Using SE+Swish CNN
				7	173	AI in sustainable Agriculture (Crop Yield Prediction /Soil Monitoring)
				8	210	Automated Potato Leaf Disease Classification using Artificial Intelligence: A Comparative Analysis
S8	02-04-2026	Security and Privacy for Futuristic	Join Zoom Meeting https://zoom.us/j/96361702343?pwd=BWpUbDi1rVyW6TZWvUkTheKNhi4YII.1	1	31	Brain-Connected Attachable Nails Producing Shock for Women's Safety Against Physical Abuse
				2	39	Comparative Analysis of YOLO Models and DETR for Environmental Microorganism Detection on EMDS-7
				3	52	A Review of Detection of Drug Trafficking on Encrypted Messaging and Social Media Platforms
				4	53	Analysis of a Controlled Adversary Simulation Platform for Cybersecurity Training
				5	87	Deep Learning Framework for Real-Time Crowd Flow Tracking and Violation Recognition

~	(Online)	Applications 1.30PM-4.30PM	Meeting ID: 963 6170 2343 Passcode: 463046	6	105	DeepTrafficAI RealTime Traffic Signal Control using Deep Learning
				7	171	Design, Implementation, and Evaluation Metrics of Zero Trust Security for Enterprise Data Centre and Cloud Environments
				8	218	Metaheuristics Approach For Improved Cyber Threat Detection In Social Networks
				9	49	Analysis of Trust and Anomaly-Aware Zero Trust Architecture for Secure Healthcare IoT
				10	58	SMART-EID: A Decision-Based Ensemble Intrusion Detection System for Smart Homes
S9	02-04-2026 (Online)	Smart Healthcare Systems-I 1.30 PM-4.30PM	Join Zoom Meeting https://zoom.us/j/96361702343?pwd=BWpUbDi1rVyW6TZWvuKIheKNhi4YII.1 Meeting ID: 963 6170 2343 Passcode: 463046	1	120	A Comparative Evaluation of Supervised and Reinforcement Learning Methods for Hepatitis C classification
				2	165	A Comprehensive Analysis and Evaluation of Machine Learning Techniques for Early Detection of Liver Disease
				3	167	ANATOMY-AWARE ATTENTION CNN FOR ENHANCED CHEST X-RAY DISEASE CLASSIFICATION AND LOCALIZATION
				4	172	AyurCare: AI-Based Ayurvedic Chatbot with RealTime Visual Recommendations
				5	188	Diabetes Prediction Using Machine Learning Techniques: A Study Based on the PIMA Indians Diabetes Dataset
				6	191	Enhanced Medical Named Entity Recognition Using Deep Learning Model
				7	211	A Scalable and Privacy-Aware Interoperable Blockchain Framework for Healthcare Data Sharing: Design and Performance Evaluation

				8	214	Smart Diagnostic Colon Cancer Identification Using Transfer Learning
S10	02-04-2026 (Online)	Smart Healthcare Systems-II 1.30PM-4.30PM	Join Zoom Meeting https://zoom.us/j/96361702343?pwd=BWpUbDi1rVyW6TZWvuKIheKNhi4YII.1 Meeting ID: 963 6170 2343 Passcode: 463046	1	236	Axial fMRI-based Multi-Class Neurological Disorder Detection using a Hybrid Swin Transformer and ABC-Optimized Attention-based Recurrent Framework
				2	237	A Multimodal Attention Framework with CNN-Transformer and wav2vec2 for Depression Severity Prediction
				3	36	An AI-Driven Lightweight deep learning framework for multi-class classification of lung diseases using chest X-rays
				4	61	Skin AI Dermatologist – An AI-powered Dermatology Assistant for Skin Disease Detection
				5	77	Morphology-aware Benchmarking Framework for Transformer-based Automated Leukemia Detection
				6	107	Early Detection of Chronic Kidney Disease Using Machine Learning
				7	154	Survey of Immersive Technologies in Surgical Simulation
				8	78	A Lightweight Natural Language Processing Framework for Pneumonia Identification Using Pattern-Enhanced Embedding Fusion