



**Pimpri Chinchwad Education Trust's
Pimpri Chinchwad College of Engineering, Pune**



**10th International Conference on
Computing, Communication, Control and Automation (ICCUBEA-2026)
PRESENTATION SCHEDULE**



Day-1, Day & Date : Friday, 21st Aug. 2026, Session : 01 Time: 11.30 AM to 01:30 PM

S.N.	Tracks	Paper Id	Paper Title	Location
1	Track 09: Cognitive Computing and Machine Learning	181	Demand Optimization Forecasting Using Machine Learning for E-Commerce Platform Recommendation	Building No.6, 2 nd Floor, 6201 Classroom
		215	Multi-Modal Machine Learning Framework for Accurate Crop Yield Prediction Using Soil, Weather, and Agricultural Data	
		385	Cervical Cancer Detection Using Advanced Deep Neural Networks	
		431	Autoencoder Residual Augmented XGBoost with HDBSCAN Clustering for Zero Shot Network Intrusion Detection on CIC-IDS 2017	
		451	Probability Level Fusion for Ovarian Cancer Diagnosis using Multimodal Data	
		467	CAPTCHA Refinement Using Machine Learning	
		509	ObserveX: A Cognitive Observability Pipeline for Real-Time Anomaly Detection and Forensic Root Cause Analysis in Polyglot	
2	Track 09: Cognitive Computing and Machine Learning	581	A Machine Learning-Based Smart Helmet System for Reliable Two-Wheeler Accident Detection and False Alarm Reduction	Building No.6, 2 nd Floor, 6202 Classroom
		593	Fruit Disease Detection and Quality Grading using CNN and SSDAE-SVM	
		627	Comparative Deep Learning Framework for Kidney Disease Detection Using CT Imaging with Smart Hospital Recommendation	
		685	RationalChain: A Neuro-Symbolic Framework for Explainable Autonomous Negotiation in Supply Chains	
		703	AI-Powered Handwritten Prescription Recognition for Smart Healthcare Systems	
		899	Circadian Stability Analysis System	
		970	nnU-Net Based Architecture for the Detection and Localization of Brain Aneurysm	
3	Track 09: Cognitive Computing and Machine Learning	1014	Voyago: A Web-Based System for Personalized Itinerary Generation with Budget and Multi-City Optimization	Building No.6, 2nd Floor, 6204 Classroom
		1105	Intelligent Healthcare Data Management using AI-Enabled Electronic Health Records	
		1108	SyntheticMemory: An AI-Driven Framework for Context-Aware Memory Retention Prediction using Interpretable Machine Learning	
		1171	ICCVocalSync: AI-Based Speech Delivery Analysis System	
		1270	E.C.H.O. E.A.R.T.H.- Exoplanet Habitability Exploration Using Multi-Parametric Analysis	
		1273	Binary Drug-Drug Interaction Prediction by Dual-View Graph Convolutional Networks with Semi-Hard Negative Sampling	
		1292	Context-Aware Hybrid Framework for Intelligent Network Intrusion Detection and Mitigation Management in SDN	
4	Track 09: Cognitive Computing and Machine Learning	1295	Pii Leak Guardian: A Gateway-Based Approach for Detecting Sensitive Data Exposure in Web Applications	Building No.6, 2nd Floor, 6205 Classroom
		1467	Integrated Lifestyle-Based Carbon Emission Forecasting Using LSTM For Personalized Sustainability Insights	
		1478	A Survey on Machine Learning and Deep Learning Techniques for Fake Review Detection in E-Commerce Applications	
		1542	Ensemble Transformer-Based ABSA for Event Vendor Reliability Evaluation	
		1577	Deep Learning Solutions for Air Quality Assessment and Forecasting	
		1580	Food Demand Forecasting for Waste Reduction using Machine Learning	
		1642	Predicting Triple Drug Interaction Risks in Hypertension Treatment using Machine Learning	
5	Track 09: Cognitive Computing and Machine Learning	1654	Environmental influence on self recalibrating machine learning failure predictive model	Building No.6, 3 rd Floor, 6301 Classroom
		1668	SkillSpectrum AI: Redefining Interview Intelligence with Real-Time Performance Insights	
		1681	Multilingual Deepfake Audio Detection Using a Hybrid CNN-Bi LSTM with Multi-Head Attention Architecture	
		1709	Gender Bias Detection and Evaluation in Low-Resource Languages: A Comprehensive Analysis of Gujarati NLP Datasets	
		1807	Advancing Cognitive Radio Spectrum Sensing with Deep Learning and Explainable AI: Cross-Domain Attribution Reveals	
		1827	Dual-Signal Explainability for LLM-Based Automated Grading and Feedback: A Pilot Study	
		1837	A Review: Context dependent and context independent word embedding techniques	

6	Track 09: Cognitive Computing and Machine Learning	1863	Real-Time Financial Fraud Detection Using Graph Attention Networks and Behavioral Pattern Analysis	Building No.6, 3rd Floor, 6302 Classroom
		1898	A Dual-Model Deep Learning Framework for Real-Time Driver Assistance Using Object Detection and Traffic Sign Recognition	
		1928	Rainfall Disaggregation Using Gradient Boosting Models: A Comparative Study of XGBoost and LightGBM with Blending Approach	
		1979	Machine Learning Based Flood Hazard Mapping at the Ward Scale for Indian Coastal Cities	
		1988	EMOTRACK: Real-Time Multimodal Emotion and Mental Health Monitor Using Deep Learning	
		1996	Behavioral Reliability and Probabilistic Modelling for Bias Mitigation in Survey Based Decision Systems	
		2013	AI-Enhanced Rule-Based Emotion-Aware Web Assistant Using XML for Lightweight System	
7	Track 09: Cognitive Computing and Machine Learning	2031	DeepGuard: Explainable Behavioral Malware Detection using Hybrid CNN-BiLSTM-Attention Deep Learning on Dynamic API Call	Building No.6, 3rd Floor, 6304 Classroom
		2032	CleanIQ: Intelligent Multi-Modal Data Quality Framework	
		2121	The Cognitive Cost of Infinite Scrolling: An Analytical Study on Habitual Doomscrolling, Psychological Fatigue, and the Decline of Attention and Productivity Among Young Adults	
		2200	Temporally Robust Misinformation Spreader Detection via Behavioral Fingerprinting	
		2242	Satellite-Based Urban Vegetation Loss Detection and Legal Permit Verification using Super-Resolved Sentinel-2 Imagery	
		2249	CNN-Based Sentiment Analysis of YouTube Comments with Comparative Evaluation Against BiLSTM	
8	Track 07 : Internet of Things and Computer Networks	137	Design and Performance Evaluation of an IoT-Enabled RFID Smart Ticketing System Using REST-Based Middleware and Real-Time	Building No.6, 3rd Floor, 6305 Classroom
		180	Enhancing Digital Payment Security through Fingerprint Biometric Authentication	
		367	IOT enabled smart border surveillance system using deep learning and edge AI: architectures, challenges and future directions	
		605	Conflict-Free Task Scheduling in IoT and Edge-Cloud Networks via Distributed Graph Coloring: Empirical Validation of $O(\Delta \log n)$	
		646	Prototype Implementation of an IoT based Smart Parking System with a centralized web interface	
		680	A Real-time Detection System for Industrial IoT Sensors	
9	Track 07 : Internet of Things and Computer Networks	1002	A Scalable LoRa-Based Emergency Communication Architecture with Integrated GPS for Disaster Management Applications	Building No.6, 3rd Floor, 6309 Classroom
		1053	Low-Cost Fall Detection and Multi-Vital Monitoring Using Esp Sensor and Bluetooth	
		1445	NEMO : AI Assisted Deskbots	
		1648	ChronoCure- An IoT- Based Personalized Healthcare Companion	
		1652	Secure Inter-Slice Communication in Multi-Slice 5G Networks: A Performance Analysis Using NS-3 Simulation	
		1833	Adaptive Multi-Sensor Grids with Dynamic Threshold Optimization for IoT-Enabled Smart City Development	
		1976	PlantOS: An IoT-Enabled Smart Greenhouse Monitoring System with Integrated Machine Learning for Green gram Cultivation	
10	Track 02:Advanced Robotics, Control, and Automation Systems	46	Comparative Analysis of Extended State Observer based Controllers for Antilock Braking System with Mismatched Disturbances	Building No.6, 1st Floor, 6310 Classroom
		53	Throttle-less E-Bicycle with Fuzzy Logic Assistance	
		287	Benchmarking Autonomous Navigation Algorithms in a SLAM-Based Hospital Delivery Robot	
		291	Integration of PLC Control with Python-Based Supervisory Interface for Real-Time Visualization and Data Logging	
		506	Swing-Up and Stabilization Control of an Inverted Pendulum for Robotic and Mechatronic Applications	
		551	AI-Powered Safepath: Intelligent Route Recommendation For Safer Travel	
		653	Hybrid Edge-Cloud IOT Soil Testing Kit with Marathi Voice Assistant	
		859	Web-Enabled Indoor Autonomous Mobile Robot for Smart Institutional Applications	

Day-1, Day & Date : Friday, 21st Aug. 2026, Session : 02 Time: 03:30 PM to 05:30 PM				
S.N.	Tracks	Paper Id	Paper Title	Location
1	Track 08 : Computer Vision and Immersive Computing	32	Efficient Multi-Modal Face Liveness Detection Using RGB, Depth, and IR Fusion with Custom Metric Learning	Building No.6, 2nd Floor, 6201Classroom
		49	Comparative Study of Classification and Detection-Based Approaches for Railway Track Fault Identification Using Deep Learning	
		115	Autoimmune Disorder Classification Using CNNI	
		221	Hallucination Detection in Large Language Models	
		271	Road Damage Detection in Low-Light Environments Using Deep Vision Models and Spatial Mapping	
		359	Towards Smarter Cities: Real-Time Traffic Optimization Using Computer Vision and Data Intelligence	
		382	StellarAR: A Multimodal Generative AI Framework for Context-Aware Augmented Reality in STEM Education	
2	Track 08 : Computer Vision and Immersive Computing	386	FABRIX: An AR-Driven Personalized Fashion Recommendation System for Indian Traditional Fabrics — A Multimodal AI/ML	Building No.6, 2nd Floor, 6202Classroom
		397	Fruit and Vegetable Harvesting Robotic Arm Using Computer Vision	
		498	Density Based Traffic Signal System Using AI	
		961	Diabetic Retinopathy Detection Using Multi-Scale Feature Embedding and Vision Transformer	
		1004	Generative Data Augmentation for Rare Corrosion Types Using Diffusion Models	
		1033	Enhancing Vehicle Detection Accuracy Using YOLOv8n and CLAHE-Based Image Preprocessing in Foggy and Rainy Conditions	
		1277	Analysis of Super-Resolution Techniques: From Traditional Interpolation to FSRCNN	
3	Track 08 : Computer Vision and Immersive Computing	1500	Evaluation of CNN and U-Net Models for Segmenting and Predicting Wildfires from Satellite Images	Building No.6, 2nd Floor, 6204Classroom
		1509	Vision-Language-Action (VLA) Models in Immersive Simulation: A State-of-the-Art Review, and Research Gap Analysis	
		1707	CNN-Transformer Based Deep Learning Framework for Hindi Handwritten Text Recognition	
		1776	From OCR to Multimodal Reasoning: A Comprehensive Study of Clinical Document Understanding	
		1820	Developing a Marker-Based Mobile Augmented Reality System for Interactive Molecular Dynamics in STEM Education	
		1947	Real-Time Wild Animal Detection in Farmland Using Camera-Based Deep Learning and an Android Alert System	
4	Track 08 : Computer Vision and Immersive Computing	1960	Benchmarking Spatial-Temporal Reasoning in Vision-Language Models via Person Detection and Tracking	Building No.6, 2nd Floor, 6205Classroom
		1985	Performance Comparison of CNN and Pretrained Deep Learning Models for Cardamom Leaf Disease Classification Under Background	
		2122	A Lightweight Hybrid 1D CNN and Bi GRU Architecture for Real Time Sign Language Recognition	
		2138	Evaluation of Machine Learning Techniques for Sketch Based Image Retrieval	
		2247	An Economical General Purpose AI & UAV Based Inspection System	
5	Track 06: Big Data Analytics	412	A Distributed Mixture-of-Experts Framework for Cross-Dataset Intrusion Detection using a Universal Flow Representation	Building No.6, 3rd Floor, 6301Classroom
		414	Prakriti Identification for Acute Health Recommendations using Machine Learning and Deep Learning Algorithms.	
		483	CVision – Where Resume Meets the Opportunity	
		1078	Federated Learning-Based Skin Cancer Detection using CNN	
		1302	AI-Driven Predictive Analytics: Combining Machine Learning and Big Data for Real-Time Fraud Detection	
		1341	Real-Time Data Anomaly Detection Architecture for Business and Service Metrics Using Autoencoder Model with a LocalStack-Simulated Cloud-Native Infrastructure	
		2024	Time-Series-Enhanced Sepsis Mortality Prediction Using Bidirectional LSTM with Temporal Attention and Focal Loss	

6	Track 12 : Next-Generation AI – Agentic, Responsible, Green and Explainable AI	3	AI-Driven Autonomous Resource Scheduling in Cloud-Edge Environments	Building No.6, 3rd Floor, 6302 Classroom
		296	Explainable AI for Clinical Text-to-ICD-10 Mapping Using Biomedical Language Models	
		324	Offline Multilingual AI Farming Assistant for Rural Indian Farmers	
		357	XAI-AutoDL: An Explainable Automated System for Deep Learning-Based Classification Using Meta-Features	
		443	SmartDS: AI-Powered Data Science Workflow	
		485	MaternaAI: A Multimodal AI Agent for Pregnancy Symptom Guidance	
		514	Context Flow: Real-Time Context-Aware Communication Assistance for Preventing Digital Context Collapse	
7	Track 02: Advanced Robotics, Control and Automation Systems	1511	Cyber-Resilient Automatic Voltage Regulator Design for Marine Power Systems Using Grey Wolf Optimized PID Control	Building No.6, 3rd Floor, 6304 Classroom
		1549	Automatic Septic Tank Cleaning System	
		1676	A Comprehensive Review of Navigation and Path-Planning Techniques for Autonomous Mobile Robots in Indoor Manufacturing Envir	
		1952	Solar-Driven Automated Lawn Cutting System	
		2068	Vacuum Leak Detection Using Slope-Based Pressure Trend Analysis	
		2192	SmogPharos- Integrable Air Quality Monitoring and Recommendation System	
		2231	Performance Comparison of LQR Controller Applied to Quadruple Tank System under Multiple Noise Scenarios	
8	Track 04 : Power Electronics, EV Technologies and Intelligent Energy Systems	2311	Multi-Modal Sensor Fusion for Badminton Biomechanics: IMU Kinematics and RADAR Court Positioning	Building No.6, 3rd Floor, 6305 Classroom
		464	Regenerative Braking System for Three Phase BLDC Motor Operated Two Wheeler Electrical Vehicle	
		638	Design and Experimental Validation of a Series-Series Resonant Inductive Wireless Charging System For Electric Two-Wheelers	
		670	A Comprehensive Review of Matrix Converter-Fed BLDC Motor Drives	
		672	Direct AC-to-DC Conversion for DC Motor Drives Using SPWM-Controlled Single-Phase Matrix Converter Topologies	
		835	Intelligent Hybrid Solar Energy Management System for Water Heating and Backup with AI-Driven Resource Optimization	
		952	Investigation of Dynamic Wireless Power Transfer Technology for Electric Vehicles	
9	Track 12 : Next-Generation AI – Agentic, Responsible, Green and Explainable AI	1049	Multi-Output Deep Learning-Based Temperature Prediction for PMSM Motors in Electric Vehicles	Building No.6, 3rd Floor, 6309 Classroom
		517	HealthGuard: A Multimodal Security Gateway Against Prompt and Input Attacks on Healthcare LLMs	
		532	Agentic and Explainable Hybrid Random Forest and LLM Framework for Detecting Healthcare Insurance Fraud	
		541	EMOTION DETECTION FROM BOLLYWOOD MOVIES	
		566	VitalLM: Compact Language Models with Depth Up-Scaling for Advanced Contextual Understanding	
		590	InConQuest: A Generative AI-Driven Gamified Framework for Constitutional Literacy Through Adaptive and Multilingual Learning	
		615	Real-Time Stuttering Therapy Using Hybrid Signal-Language Architecture	
10	Track 03: Electronics and Communication Systems	677	CARP: Constraint-Aware Re-Prompting for Zero-Shot Bias Mitigation in Compact LLMs	Building No.6, 1st Floor, 6310 Classroom
		107	Sensor-Based Saliva Gas Analysis for Rapid Non-Invasive Disease Detection	
		226	Signal Integrity Analysis of 50G-PON Downstream Transmission Over High-Density Optical Distribution Networks	
		559	Beamforming for Ultra Reliable Low Latency Wireless Communication 5G/6G Systems	
		799	Development of an Optical Encoders Based Validation Jig to evaluate the parameters of Sensors used in Sports Application	
		1160	A Lightweight Cross-Feature Slicing Model for Real-Time Resource Allocation in 6G Edge Networks	
		1592	SAR Analysis and Performance Optimization of Compact UWB Slotted Octagonal Textile Antenna for Body Centric Applications	
		1987	Dynamic RF-Chain Scaling for Energy-Proportional Massive MIMO Base Stations	
		2159	A System-Level Integration and Robustness Validation Framework for CAN-Based Terrain Mode Switches	

Day-2, Day & Date : Saturday, 22nd Aug. 2026, Session : 03 Time: 10.00 AM to 12.00 Noon				
S.N.	Tracks	Paper Id	Paper Title	Location
1	Track 12 : Next-Generation AI – Agentic, Responsible, Green and Explainable AI	462	SmartFraud-Lite: A Lightweight, Cost-Aware Hybrid Framework for Credit Card Fraud	Building No.6, 2nd Floor, 6201Classroom
		907	QLoRA-Based Domain-Specific Fine-Tune of a Compact Large Language Model for Medical Question Answers with Multi-Metric Semantic Evaluation	
		1059	Skillio: A Predictive Artificial Intelligence Framework for Detecting Invisible Learning Gaps in Online Education	
		1093	Agentic Regulatory AI for Dynamic Income Tax	
		1172	Agentic AI: A Paradigm Shift in Modern Engineering Systems	
		1221	AI-Powered Mental Wellness Assistant for Early Intervention using Hybrid Semantic Retrieval and Safety-Aware Response Generation	
		1256	RAG Based Intelligent Information Retrieval System For Domain Specific Knowledge Queries	
		1281	PolyRAG A Multi Agent Multimodal Retrieval Augmented Generation System for Heterogeneous Document Intelligence	
2	Track 12 : Next-Generation AI – Agentic, Responsible, Green and Explainable AI	1540	A Multimodal Hybrid Framework for Enhanced Sentiment Analysis in Educational Environments: Integrating Object Detection and Contextual Captioning	Building No.6, 2nd Floor, 6202Classroom
		1663	Bridging Sensory Frontiers: A Spatio-Semantic Framework for Context-Aware Assistive Technology for the Deaf and Blind	
		1674	Agentic AI for Argument Extraction: A Comparative Study of Prompting, ReAct, and Multi-Agent Systems	
		1753	Evaluating collective intelligence: A conceptual framework for benchmarking single-agent vs. multi-agent systems in the Google A2A p	
		1858	Introducing Agentic AI Framework for Medicinal Plants Based Health Recommendation Using Deep Learning Techniques	
		1955	Explainable AI-Based Multimodal Diabetic Retinopathy Grading with Patient-Wise Evaluation Using Late Fusion of Paired Fundus Images and Clinical Metadata	
		2006	FedShield: A Dual Algorithm Defense Against Backdoor and Poisoning Attacks in Federated Learning	
		2267	GreenBench: Benchmarking Energy Efficiency and Carbon Footprint of Open-Source LLM Inference on Apple Silicon	
3	Track 10 : Blockchain And Cyber Security	147	Silicon-Level Trust in the Edge AI Era: A Survey of Hardware Vulnerabilities and Defensive Architectures	Building No.6, 2nd Floor, 6204Classroom
		206	Zero-Trust and Blockchain for Secure Bidirectional Data Exchange in Digital Twins: A Comprehensive Survey and Taxonomy	
		262	From KNN to Ensemble Learning: Advancing Real-Time Network Intrusion Detection with Asymmetric SMOTE-ENN Balancing on the CSE-CIC-IDS2018 Benchmark	
		307	An Early-Exit Hybrid Intrusion Detection Architecture for Resource-Constrained IoT Edge Devices	
		379	IntelliReport Cyber: A Unified Framework for Multimodal Cybercrime Categorization and Severity Assessment	
		396	Cognitive Threat Intelligence for Phishing Attacks: A Reasoning-Driven Explainable AI Framework for Transparent Decision-Making	
		490	Explainable Memory-Based Privacy Malware Classification Using Machine Learning and Deep Learning	
4	Track 10 : Blockchain And Cyber Security	643	Zero-Knowledge Proof Validation for Iris Classification using EZKL	Building No.6, 2nd Floor, 6205Classroom
		759	Enhancing Security of Cross-chain Bridge Smart Contracts using Multi-Model Deep Learning Techniques for Vulnerability Detection	
		924	Temporal Behavioural Modelling for Malicious Entity Detection in Ethereum Blockchain Using Machine Learning and Deep Learning	
		999	Secure and Verifiable IoT Healthcare Data Integrity Verification Using Blockchain and IPFS with Role-Based Access Control	
		1042	Trust and Accountability in Federated Healthcare AI: A Blockchain-Governed Systematic Review	
		1199	DedupSnap: SIMD-Accelerated Variable Chunking and Hierarchical Merkle Manifests for Verifiable Lightweight Snapshot Storage	
		1201	CipherDocs-AI: Leveraging Vision Language Models for Intelligent Document Verification, Contextual Analysis and Adaptive Security in Blockchain Systems	
5	Track 10 : Blockchain And Cyber Security	1240	A Synthesis of AI/ML Algorithms and Multi-Agent Systems for Next-Generation IoT Cyber Defense	Building No.6, 3rd Floor, 6301Classroom
		1504	HyGAP: A Multi-Layered Hybrid Framework for Behavioral Bitcoin Wallet Profiling and Unsupervised Anomaly Detection	
		1686	BEAD: A Benford-Entropic Anomaly Detector for Mimicry-Resistant Intrusion Detection in Encrypted Network Traffic	
		1701	Detection and Mitigation of Emoji attacks in AI systems	
		1957	Detection of Web Application and Network Attacks Using Machine Learning Techniques	
		2030	Proactive Ransomware Detection & Mitigation Using Machine Learning	

6	Track 13 : Sustainable Technologies for Climate Resilience and Water Security	145	PREDICTING HEALTH IMPACT BASED ON AIR QUALITY USING ARTIFICIAL INTELLIGENCE	Building No.6, 3rd Floor, 6302 Classroom
		292	Real-Time CO2 Emission Prediction in Steel Manufacturing	
		1927	Lifecycle Assessment of Ethanol Blending for Climate Resilience and Water Security in India	
		2037	An LSTM-Based Drought Severity Early Warning Framework for Climate-Resilient Water Security in Maharashtra, India	
		2118	VishwaClean: A Multi-Model YOLOv8 and Polygon-Routed RBAC Framework for Civic Waste Reporting	
		2160	Solar-Powered IoT-Based River Flood Monitoring and Prediction Using Random Forest Regression	
7	Track 04 : Power Electronics, EV Technologies and Intelligent Energy Systems	1245	Gaussian Process-Based Multi-Objective Optimization of Hybrid Electric Vehicle Energy Management Under Uncertainty	Building No.6, 3rd Floor, 6304 Classroom
		1420	A High-Efficiency Active Energy Balancing System for Lithium-Ion Battery Packs Using Optimized Converter Topology	
		1456	Performance Analysis of a Soft-Switching Resonant DC-DC Converter Using Frequency Control	
		1522	Comparative Analysis of Deep Learning Models for Photovoltaic Defect Classification Using Drone Imagery	
		1552	Machine Learning Approaches for State of Health Estimation in Lithium-Ion Batteries: An Exploratory Analysis of the NASA Battery D	
		1588	Analysis of Machine Learning Algorithms for Electrical Fault Detection in Photovoltaic Panels	
		2040	Design of Switched Reluctance Motor For Mini Electric Tractor	
		2172	Efficient Energy Harvesting Circuit for Thermoelectric Generators using Fuzzy-Logic based MPPT	
8	UTP Session - 1	2359	Power System Fundamental Frequency and Harmonic Estimation using Improved LMS	Building No.6, 2nd Floor, 6206 Lab
		2362	Comprehensive Analysis of Different Deep Learning Models Used For Detecting Diseases In Groundnut Plant Leafs: A Systematic Rev	
		2366	A Computational Pipeline Framework with Adaptive Threshold Optimization for Explainable Entrepreneurship Prediction	
		2365	Structurally Causal Data Augmentation via Physics-Informed Neural Networks	
		2370	Spatio-Temporal Forecasting and Control for Global Petroleum Energy Markets Using Hybrid Multi-Agent Graph-Based	
		2376	Impact of Feature Selection Technique to Classify Early Polycystic ovary syndrome	

Day-2, Day & Date : Saturday, 22nd Aug. 2026, Session : 04 Time: 02:00 PM to 04:00 PM				
S.N.	Tracks	Paper Id	Paper Title	Location
1	Track 14 :Computer Applications and Business Management	769	A Multi-Model Comparative Framework for Credit Risk Prediction: Statistical vs Machine Learning Approaches	Building No.6, 2nd Floor, 6201Classroom
		1212	Domain-Aware Preprocessing Improves Financial Headline Sentiment Classification Across TF-IDF and Transformer Architectures	
		1453	Comparative Evaluation of Machine Learning Paradigms for Fundus Image Based Ophthalmic Diagnosis	
		1527	Towards Resilient Cloud Storage: A Defense-in-Depth Framework for Mitigating Insider Threats and External Cyberattacks	
		1857	AI-Powered Anti-Money Laundering Framework: Multi-Layer Transaction Monitoring Using Deep Neural Networks	
		1981	CartConnect: A Real-Time Framework for E-Commerce Price Aggregation Using Automated Web Extraction And Semantic Matching	
2	Track 14 :Computer Applications and Business Management	2001	Sales Analysis and Forecasting in the Automobile Sector Using OLS Regression and Lag-Based Time Series Techniques	Building No.6, 2nd Floor, 6202Classroom
		2077	Comparative Analysis of LSTM, Random Forest, and XGBoost Models for Stock Price Prediction in the Indian Equity Market	
		2155	Adoption of Sustainability Principles and Practices in Pharmaceutical Industries: A Structural Equation Modelling Analysis of Pharmaceutical Companies in Pune, Maharashtra	
		2167	AgentFunnel: A Multi-Agent Framework for Adaptive Marketing Funnel Generation	
		2204	A Hybrid ARIMA–LSTM–Random Forest Framework for Predictive Analytics of NIFTY 50 Index Using Technical Indicators	
		2263	LearnIQ: An Integrated Learning Management System with a Real-Time Online Judge for Scalable Coding Education	
		2276	Automated Attendance System Using Facial Recognition with MTCNN and FaceNet	
3	Track 05: VLSI & Embedded Design, and AI Acceleration	437	An Open-Source Fault SimulationFramework for Testing of VLSI Design	Building No.6, 2nd Floor, 6204Classroom
		457	Lightweight Fragment-Level Integrity Verification for CAN-Based OTA Using Micro-Hash Chains	
		538	An FPGA-Based CAN-FD Controller Compliant with ISO 11898-1 for Automotive Networks	
		1773	“AXI4-Stream Based Low Latency FPGA Implementation of a 3-Symbol Parallel LUT-Based Huffman Decoder for Genomic Data”	
		2184	An Area-Efficient 8-Stage Out-of-Order RISC-V Core with Integrated Floating Point for Embedded FPGA Platforms	
		2195	Implementation of a MobileNet-Based Accelerator for Real-Time Image Segmentation on FPGA	
		2202	Hardware Acceleration of CRYSTALS-Dilithium for Secure Booting on Shakti C-Class RISC-V Processor	
4	Track 11: Quantum Computing	656	HQC-Orch: Enhancing Hybrid Quantum-Classical ML through Adaptive Orchestration	Building No.6, 2nd Floor, 6205Classroom
		912	Hybrid Quantum-Classical Framework for Detecting Rare Astronomical Patterns	
		1439	Quantum Computing-integrated SMP and ASMP Systems for Enhanced Cloud Performance	
		1448	Quantum-Inspired Particle Swarm Optimization for Smart Grid Energy Distribution	
		1634	SPAMURAI: An Intelligent Quantum-Secure SMS Filtering and Encryption Framework Using Post-Quantum Cryptography	

5	Track 1: Signal and Image Processing	29	A Two-Stage CNN-LSTM Framework for Spatiotemporal Deepfake Video Detection	Building No.6, 3rd Floor, 6301 Classroom
		674	A Comparative Analysis of Multilingual Speech Recognition Using Vosk and Whisper Models	
		882	GSQH-BTC: A Hybrid Global Sorted Quantile Histogram and Block Truncation Coding Algorithm for Video Shot Boundary Detection	
		885	Toward Bandwidth-Efficient EEG Transmission: A Three-Layer Compression Pipeline Using DWT, PCA, and LBG for Clinical Telemedicine	
		1034	A Conceptual Framework of Refining Distorted Fingerprints using Metadata Insights	
		1718	AI-Based Automated Tyre Cap Strip Defect Detection Using Raspberry Pi 3B, n8n Workflow Automation, and Google Gemini Vision	
		1721	Physiologically Guided EEG Channel-Band Refinement and Multidomain Biomarker Extraction for Automated Seizure Detection	
6	Track 1: Signal and Image Processing	1746	A Comparative Steganalysis of Modern Spatial and Frequency-Domain Steganography Algorithms Using CNNs and Vision Transformers	Building No.6, 3rd Floor, 6302 Classroom
		1783	Explainable Attention-Based Deep Learning Model for Stage-Wise Classification of Chronic Venous Disease.	
		2125	Improving Emotional Text-to-Speech Synthesis for Indian Languages: A PRISMA Systematic Review and Proposed Deep Learning Framework	
		2166	Deep Learning Based Audio Watermarking with Controlled Distortion and Reliable Bit Recovery Using CRNN-BiLSTM Architecture	
		2180	An Empirical Performance Comparative Analysis of Machine Learning Models for Face Spoofing Attack Detection Using T-SBTC, GLCM, and LBP Feature Extraction	
		2275	EfficientNet-B0 and VLM-Based Explainable Framework for Diabetic Retinopathy Detection and Severity Grading	
7	UTP Session - 2	2377	Smart Tenaga: IoT backbone and AI Integrated Energy Efficient and Carbon Footprint Alert System	Building No.6, 2nd Floor, 6206 Lab
		2386	Performance Analysis of Block Arithmetic Mean Method with Composite Simpson's 3/8 Scheme for Solving First-Kind Fredholm Integral Equations	
		2336	Optimal Cluster Selection in Unsupervised Machine Learning Using K-Means Clustering	
		2379	Empowering Supply Chain Decisions with Power BI: Dynamic Capabilities Approach to Inventory and Procurement Optimization	
		2380	The Influence of Emotional Marketing Strategies on Generation Z's Consumer Purchase Decisions in Malaysia's Retail Industry Through Online Platforms	