3rd List of Accepted Papers:

Paper ID	Paper Title
94	Comparative Analysis of Poisoning Attacks in Federated Learning
96	Ensemble-Based Machine Learning Framework for Early-Stage Diabetes Mellitus Risk Stratification
100	An Explainable Machine Learning Framework for Parametric Sensitivity Analysis of Neural Implant Targeting Under Simulated Anatomical and Physiological Variability
101	Cross-Design Validation of Multi-Port DC–DC Converters for Electric Vehicles Under a Common Stimulus Battery
102	A Hybrid Framework for Image Enhancement and Object Detection under Foggy Road Conditions for Road Accident Prevention
113	Electrical Greedy Embedding: Compact, Void-Free Routing by Optimizing Rank
115	From Network-Flow Classification to Reviewable Cyber Incidents: An Integrated ML and RAG Pipeline
115	From Network-Flow Classification to Reviewable Cyber Incidents: An Integrated ML and RAG Pipeline
123	Dynamic Network of Agents for Multitask Orchestration
130	Data Quality Intelligence for Reliability Scoring and Performance Impact Analysis of Machine Learning Datasets
131	Deep Learning with EfficientNet-B0 on Ultrasound Images for the Classification of Thyroid Cancer
132	Assessing the Effectiveness of Ma chine Learning for Cryptanalysis of Lightweight Block Ciphers: A Comparative Evaluation of SIMON, SPECK and GIFT
135	Privacy-Preserving Anomaly Detection in Wireless Sensor Networks: A Comprehensive Survey, Taxonomy, and Research Challenges
136	Intelligent Applications for Data-Driven Decision Support Using Machine Learning Techniques
140	An Explainable Machine Learning Framework for Comparative Diabetes Prediction

141	A High-Performance Parallel JPEG Codec for RGB and Hyperspectral Images
142	Secure RDH Scheme in an Encrypted Image Leveraging IWT and Henon-Chebyshev Map
145	CyberFusion: A Multimodal Foundation Model Framework for Security Intelligence
147	Attention-Enhanced Hybrid Deep Learning Framework for Plant Leaf Disease Classification: An Extended Case Study on Maize Dataset
152	ALERT 360: HRV BASED DROWSINESS PREDICTION
162	Adaptive Large Margin Loss for Hard Sample Aware Deep Face Recognition
163	TempSched+: Temperature-Aware Data Scheduling for Cloud–Edge–Device Storage
171	Blockchain-Enabled Traceability and Value Integration of Oilseed By-products
188	An Autonomous IoT-Enabled Mobile Fire Fighting Robot with Real-Time Flame Localization and Water Suppression
191	CityConnect AI An AI-Powered City Governance Platform
192	ADAPTIVE HIERARCHICAL DOCUMENT FINGERPRINTING FOR BLOCKCHAIN-ENABLED E-GOVERNANCE DOCUMENT VERIFICATION AND TAMPER LOCALIZATION
193	An Enhanced Distributed Intrusion Detection System for IoT Using ToN-IoT Dataset with Hybrid Learning Approaches
197	Towards Computational Representation of Bhagavad Gita: An Ontological Framework
198	UAV-CIDS: A Testbed-Driven Cyber-Physical Dataset for Intrusion Detection in UAV Networks
200	Vision-Language Driven Quality Inspection with Quantum-Enhanced Intelligence: An Explainable Multimodal Approach
206	Fixed vs. Adaptive: Rethinking Temporal Context in Video Inpainting
208	Image and Video Inpainting: Evolution, Taxonomy, Challenges, and Future Directions

209	VeriMem: Context-Aware Trust and Selective Conflict Resolution for Governed Shared Memory in Multi-Agent IT Incident Management
210	Privilege Inversion Pattern: A Cross-Stage Framework for Data Contamination in Agentic AI
211	Fuzzy-Based Energy Harvesting Node deployment and Layer Head Selection Framework for IoT driven Layered Sensor Networks
213	FinSight: A Multi-Agent AI Financial Research Platform for Indian Equity Markets
216	DataLens Nexus: A Validation-Aware Intelligent Data Quality Assessment and Remediation Framework for Machine Learning Pipelines
219	A Multi-Agent Decision Support System Using Bayesian Networks and Thompson Sampling
225	A Hierarchical Network Architecture Using Quantum Key Distribution and Post-Quantum Cryptography for Resource-Efficient Secure Communication in National-Security Organisations
230	Sarpa Raksha: An Offline On-Device Snakebite Triage and Hospital Referral for Low-Connectivity Regions
233	Class-Aware Feature Selection Using Information-Theoretic Measures for Human Activity Recognition
236	Lightweight LSTM-Based Autism Spectrum Disorder Detection from 3D Skeletal Gait Sequences for Edge AI Deployment
237	EcoHazNet: Medical-Waste Instance Segmentation with Hazard Assessment and Environmental Recommendation System
238	PACV-RFF: Paired Cross-View Adversarial Representation Learning for WiSig RF Fingerprinting
239	CrackProMax: Lightweight Multi-Module Convolutional Network for Thin Crack Segmentation on Concrete Surfaces
240	Obsidian Recon: An Automated Web Application VAPT Platform
245	TrustPath: Federated Learning with Spatial Context for Intrusion Detection in UAV Swarms

248	Auction-Based Multi-Dimensional Knapsack and DRL Framework for Joint UAV Deployment and Resource Optimization in IoT Networks
250	Secure and Energy-Aware Task Scheduling Using Modified Round Robin in IoT–Cloud Environments
253	Next Generation Security Operation Center Using Multi-Agent AI And Dynamic Playbooks
254	A Sentence Level Bengali Corpus Study on Feluda's Detective Fiction
255	Autonomous AI-Based Industrial Surveillance and Worker Safety Inspection Robot
258	Separating Semantic Tool Routing from Adaptive QoS Provider Selection in Automated MCP Agents
259	Hand Gesture Recognition Using OpenCV and MediaPipe
263	DataPilot: An Agent-Based Natural Language Interface for Spreadsheet Analytics with Controlled Code Execution and Reasoning Transparency
267	Retinal Vessel Segmentation Using U-Net and ONNX Runtime for Web-Browser Inference
268	CogniMed: An AI-Powered Smart Medical Intake, Nutrition Recommendation and Triage System
269	Reasoning About Cracks and Corrosion: A Vision-Language Approach to Explainable Inspection of Civil Infrastructure
271	Smart Coal Mine Safety Monitoring System Using Deep Learning and LoRa Communication
272	X-MTSLR: Explainable Multimodal Transformer Framework for Indian Sign Language Recognition
273	A Qualification-Grounded Auditing Framework for Evidence-Faithful AI Hiring Decisions
279	VoiceMed: A Safety-Constrained Digital Health Architecture for OPD Voice-to-Prescription Generation Using PubMedBERT and Structured LLM Output
285	Cause- and Severity-Aware Frequency Change against Jamming in Tactical MANETs

290	Multiclass Classification of Alzheimer's Disease Using Explainable Machine Learning
294	Smart Coal Mine Safety Monitoring System
295	CausalPath-XAI: A Multimodal Causal Explainable-AI Framework for Spatial Multiomics in Breast Cancer
300	Cancelable Multimodal Biometric Authentication for Critical Infrastructure
329	A Novel Adaptive Mirage Transformer-based Investigative Approach for Early Diagnose of Oral Squamous Cell Carcinoma
330	Multi-Modal Fraud Risk Scoring for Digital Payments
334	RCOD: Cross-Modal Camouflage Object Detection via RGB–Wi-Fi CSI Fusion
337	TRINETRA: An Explainable, Multi-Modal Framework for Detecting Forged Aadhaar Identity Documents
338	Parallel Deep Learning Architecture for Large-Scale Medical Image Segmentation and Disease Classification
339	Evaluating a Typed Decision Model on the Decisions of a Database-and-Documents AI Assistant
341	Multimodal AI and Computer Vision for Deepfake Detection and Authentication of Digital Evidence in Judicial Proceedings
342	Guarded Query Repair for Scientific Evidence Retrieval: Recovery, Ranking Harm and Compute Cost under Constructed Typos
343	Category-Dependent Design of Tiled DINOv2 Teacher–Student Anomaly Detectors: A Controlled Object–Texture Study on MVTec AD 2
344	The Situational Advantage of Two Volatility Factors in Bitcoin Option Pricing: A Physics-Informed Surrogate Study Across Volatility Episodes
345	Biomedical Waste Classification Using Deep Learning for Sustainable Healthcare Waste Management
346	FAV-RAG: A Freshness-Aware Verification Framework for Real-Time Document Amendments in Retrieval-Augmented Generation

347	High-Performance Sparse Prefix Adder with Optimized Logic Styles for VLSI Systems
348	DEFA-SR: A Dense-Edge-Frequency Attention Network for Computationally Efficient 2× Super-Resolution of Periapical Dental Radiographs
350	Codebase Visualization Engine: An Interactive Graph-Based Approach to Software Comprehension and Architectural Analysis
351	Implementation of Real-Time Voice Interview Simulator with AI Generated Questions using Google Gemini and Open Router
352	Quantum Machine Learning for Crop Disease Prediction: A Critical Review, Method Taxonomy, and Reproducible Hybrid Framework
365	AI-Based Disease Risk Prediction for Inclusive and Sustainable Healthcare
366	Pirewall: A Hybrid Machine-Learning Adaptive Firewall with Safety-Bounded Rule Generation for Raspberry Pi
367	Adaptive Segmentation-Aware Single-Image 3D Reconstruction Using SAM 2, TRELLIS, and QuadriFlow
369	GARUD: AI-Driven Traffic Surveillance with Multi-Node CCTV Security Assessment
377	Machine Learning-Based Early Prediction of Pest Population Explosion
378	Low-Cost Decentralized Smart Air Purification and Monitoring System
380	A Low-Cost Autonomous Campus Guide Robot with QR-Based Floor Selection, Semantic Point-of-Interest Navigation, and Conversational Interaction
381	JudiSmart: A Machine Learning Framework for Judicial Case Duration Prediction and Prioritization
382	Machine Learning for Anomaly Detection in Digital Twins
384	Self-Supervised Temporal Embeddings and Environmental Signals for Potential Forest-Disturbance Screening in the Western Ghats

387	Machine Learning-Based Study of Weather-Triggered Traffic Queue Emergence at Urban Intersections
388	Application-Assisted Real-Time Indoor Navigation with IMU-Based PDR and Topological Localization
389	MediScan AI: Calibrated Triage with Verified, Retrieval-Grounded Guidance for Symptom and Skin-Lesion Screening
392	FPGA Implementation of an MMIO Coupled RISC-V SoC with Integrated UART and Viterbi FEC