

ASIT & REPE 2026 Program Schedule

Conference Mode: Virtual Conference
Date: September 27, 2026

Link	https://meet.google.com/qma-gyur-xvi
8.30 AM – 8.33 AM	Welcoming Chairs and Participants to the ASIT REPE2026 Hinweis International Conference
8.34 AM – 8.37 AM	Welcome Speech: Dr. Yogesh Chaba (General Chair)
8.40 AM – 9.00 AM	Keynote Speech: Madhulika Gajjala (Enterprise Architect, United States)
9.05 AM – 9.25 AM	Keynote Speech: Rama Sanjeeva Reddy V (Senior Oracle Technical Lead and AI Solutions Architect, United States)

Date: 27 September 2026		Session I	Time: 09.30AM – 11.30AM
Link	https://meet.google.com/qma-gyur-xvi		
Chair 1: Dr. Yogesh Chaba (General Chair)		Chair 2: Dr. Shrabani Medhi (CET College of Engineering, India)	
Paper ID	Paper Title	Registered Authors	
ASIT-2026_2	A Lightweight Post-Quantum Hybrid Encryption Framework for Secure Multi-Cloud Data Storage Using Lattice-Based Key Encapsulation	S Maheshwari	
ASIT-2026_6	SentinelAI: A Federated Cyber Defense Framework with Trust-Aware Aggregation and Autonomous Response	Pranav Vyankatesh Jagdale	
ASIT-2026_8	AVL-PS: An Efficient Multithreaded Network Port Scanner with Risk Assessment	Rakshita Raju Uttarwar	
ASIT-2026_11	Wireless Charging System for Electric Vehicle	Vedika Sameer Takale	
ASIT-2026_14	Adaptive Educational Interfaces: A Survey of Student Modeling, Generative Systems, and Control Mechanisms	Pratik Rajendra Patil	
ASIT-2026_15	Light-Based Data Communication System (Li-Fi)	Praful Sunil Thorat	

ASIT-2026_17	AI-Based Dynamic Spectrum Allocation for Wireless Networks Using ESP32	Rashi Vaidy
ASIT-2026_26	OptiCreteX : Multi-Objective Framework for Sustainable Concrete Mix Design Optimization	Suraj Somnath Bangar
ASIT-2026_27	Botanical Traceability of Ayurvedic Herbs Using Blockchain Technology	Prasad Ravindra Zoman
ASIT-2026_32	NEUROTRACK: An IoT-Enabled Multi-Sensor System for Real-Time Seizure Detection and Patient Location Tracking	Radha N Bunde
ASIT-2026_33	GreenEdu: A Sustainable Online Learning Management System for Environmental Education Aligned with UN SDGs	P Pani Rama Prasad
ASIT-2026_35	ThermoSense: A Survey of Heatstroke Detection Systems Using IoT, ML, and Fog Computing	Aastha Krishna Tayde
ASIT-2026_39	Real Time Financial Market Monitoring and AI Forecasting System	Vaishali Vidhyadhar Savale
ASIT-2026_41	PMPL Route Monitoring System: An IoT-Simulated Real-Time Bus Lane Intrusion Detection and Automated Challan Management Platform	Chaitanya B Rathod
ASIT-2026_42	An Integrated Machine-Learning Framework for Leveraged Buyout and Discounted Cash Flow Valuation with Probabilistic Risk Quantification and Explainable AI	Ritesh Arvind Patil

Break 11.30 AM – 11.45 AM

Date: 27 September 2026		Session II	Time: 11.45AM – 01.30PM
Link		https://meet.google.com/qma-gyur-xvi	
Chair 1: Dr. Yogesh Chaba (General Chair)		Chair 2: Dr. Shrabani Medhi (CET College of Engineering, India)	
Paper ID	Paper Title	Registered Authors	
ASIT-2026_53	AI and Digital Twin for Predictive Disaster Management and Resources Allocation Framework	Pramod Atul Kanthale	
ASIT-2026_55	AI-Driven Resource Provisioning System for On-Premise Virtualized Infrastructure	Sangam Balaji Warpade	
ASIT-2026_58	A Retrieval-Augmented Intelligent Surveillance System with Persistent Face Identity Modeling	Enem Barjo	

ASIT-2026_59	Evolution of Intrusion Detection Systems: From Traditional to Adaptive Approaches	Nikita Sudhakar Jamgade
ASIT-2026_62	AI-Driven Smart Ambulance Priority System Using Computer Vision, IoT, and Adaptive Traffic Signal Control	Om Ravikiran Namdas
ASIT-2026_64	AI-Inspired Smart Traffic Simulation & Emergency Routing System	Asawari Bhanudas Pawar
ASIT-2026_65	StockAgent: A Human-in-the-Loop Multi-Agent Framework for Intelligent Stock Market Simulation Using Large Language Models	Atreya Gosavi
ASIT-2026_66	Real-Time Cybersecurity Threat Detection Using a Hybrid CNN-BiLSTM Deep Learning Framework	D Srikanth
ASIT-2026_67	Responsible Adoption of Generative AI in Higher Education: A Framework for Assessment, Equity, and Academic Integrity	Pritam Biswa
ASIT-2026_68	Small Business to Business ERP System Web Development	Sushma DS
ASIT-2026_69	An AI-Based Village Interaction System for Multilingual Crop Disease Diagnosis: A Lightweight CNN with Empirically Benchmarked Baselines for Low-Resource Rural Deployment	Ayush Yadav
ASIT-2026_70	LADA-Net: A Lesion-Aware Dual-Attention CNN-Transformer with Evidential Uncertainty for Diabetic Retinopathy Grading	Sandipan Laha
ASIT-2026_73	Pulse-Mind: Closed-Loop Cardiac Pacing with Explainable AI	Ramya Milind Purohit

Lunch Break 01.30 PM – 02.00 PM

Date: 27 September 2026		Session III	Time: 02.00PM – 03.45PM
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Chair 1: Dr. Yogesh Chaba (General Chair)		Chair 2: Dr. Shrabani Medhi (CET College of Engineering, India)	
Paper ID	Paper Title	Registered Authors	
ASIT-2026_74	Real-Time Student Location Tracking and Monitoring Using Mobile Geolocation for Smart Campus Management	Yash Kharalkar	
ASIT-2026_78	Tracing Synthetic Augmentation to Subgroup Risk: A Multi-Signal Audit of SMOTE and ADASYN	Keerthi Nori	

ASIT-2026_79	ATS-DDL: Adaptive Hardness-Based Sample Weighting for Improved Multi-Class DDoS Attack Detection	Rakesh V S
ASIT-2026_301	Emerging Roles of Matcha and Stevia in Metabolic Health: Antioxidant Activity, Glycaemic Control, and Innovations in Functional Nutrition	Saffronjit Kaur
ASIT-2026_307	Smart Health Desk: Secure Medical Record Management via RBAC and Cryptographic Hashing	Sai Prashanth
ASIT-2026_309	Review Of DDoS Attack Detection Using Machine Learning Algorithms (LSTM, GRU, and LDA)	Bhakti Ramesh Devgune
ASIT-2026_310	Analytical Study of NLP Architecture in Chatbot Systems	Ansh Sharma
ASIT-2026_312	AI-Powered Tourist Spot Finder: A Smart Travel Companion with Hybrid Recommendation System	S Sasikala
ASIT-2026_313	Generative AI: Issues, Challenges, Tools, and Good Practices	Anushtha Vishwakarma
ASIT-2026_314	Real-Time Multimodal Emotion Detection in Social Media Data Using Natural Language Processing	Sana Shahanavaj Shamanji
ASIT-2026_317	An Ensemble Learning Framework for Sleep Quality Prediction and Circadian Optimization in Healthcare Shift Workers	M Prabhavathy
ASIT-2026_318	VoltVision : Revolutionizing Electrochemical Analysis through Automated Cyclic Voltammetry and Random Forest Modeling	K Kalaivani
ASIT-2026_323	Opportunities and Challenges for Digital Forensics in the Era of Big Data and IoT	Anil V Turukmane
ASIT-2026_16	A Systematic Review of Blockchain-Based Access Control Models for Secure Healthcare Data Management	Sunil Datir

Break 03.45 PM – 04.00 PM

Date: 27 September 2026		Session IV	Time: 04.00PM – 06.00PM
Link		https://meet.google.com/qma-gyur-xvi	
Chair 1: Dr. Yogesh Chaba (General Chair)		Chair 2: Dr. Shrabani Medhi (CET College of Engineering, India)	
Paper ID	Paper Title	Registered Authors	
ASIT-2026_324	Machine Learning for Network Traffic Analysis and Intrusion Detection: A Human-Centric Perspective on Cybersecurity	Anil V Turukmane	

ASIT-2026_325	Dark Web Crawling for Forensic Analysis and Cyber Threat Intelligence	Patan Mushiya Katoon
ASIT-2026_326	In-Kernel Defense: Low-Latency In-Kernel Ransomware Containment with eBPF	Dakshita Mathur
ASIT-2026_327	Deep Q-Learning Agent for Adaptive Traffic Signal Control Using SUMO Microscopic Simulation	Shaurya Mudgal
ASIT-2026_329	The Impact of New Technologies like AI and Blockchain on Cybersecurity	Ramkumar D
ASIT-2026_328	Cyber security Access Control and Types of Access Control	Patan Mushiya Katoon
ASIT-2026_330	Advanced Persistent Threats: Attack Lifecycle, Detection, and Mitigation Strategies	Ramkumar D
ASIT-2026_332	Cryptex: A Lightweight Secure File Encryption and Password Management System Using Fernet Symmetric Encryption and SHA-256 Hashing	Ojas Purohit
ASIT-2026_334	Adaptive Physics Guided Multi stage Attention Network for Underwater Image Enhancement	Ramagiri Vardhan
ASIT-2026_338	Comparative Evaluation of TD3 Reinforcement Learning and Classical Control Strategies for a Nonlinear pH Neutralization Process	Aayush Girish Kalhapure
ASIT-2026_339	Pharmaceutical Batch Fraud Detection Using AI and Blockchain: A Survey on Methods, Data Sources and Challenges	Abhilasha S
ASIT-2026_340	Comparative Performance Evaluation of Support Vector Machine, Random Forest, and K-Nearest Neighbor for Myopia Ocular Fungal Infection Image Classification	Aarthy S
ASIT-2026_341	LADA-Net++: An Explainable and Uncertainty-Aware Lesion Aware Network for Reliable Diabetic Retinopathy Severity Grading	Pabitra Kundu
ASIT-2026_342	TRUST-Breast: An Explainable, Calibration-Aware AI Framework Quantifying Uncertainty for Reliable Breast Cancer Ultrasound Diagnosis	C Geetha
ASIT-2026_51	Mixed-Mandate Momentum: Designing Universal-Bank Investment Banking for Scale and Control	Naga Vyshnavi Konduri
REPE-2026_11	Machine Learning-Based Anomaly Detection for Real-Time Smart Grid Energy Monitoring with Alert Notification System	Sai Trisha N

REPE-2026_12	AgriCloud Convergence: Exploring Multi-Domain Innovations in Cloud-Driven Agriculture	Sreenivasa M
REPE-2026_20	FedTrust: A Federated Collaborative Architecture for Privacy Preserving AI Systems	Dev Kiran Wankhede

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