

ETA ACT 2026 Technical Schedule

Oral Session-1: 10th April 2026 (3.00PM - 5.00PM), Venue: (To be updated...)			
Session Chairs:			
Sl. No.	Paper ID	Paper Title	Author Names
1	317	Improving Military Object Detection under Noisy Conditions Using Spatial Denoising Pipeline and ResNet-50 based Deep Features	Patrick Wah Sekey, Oscar Kiamba Munyao, Mark Aondohemba Ortese, Marron Tarlue, Ram Chandra Barik and niranjan behera
2	422	A Comparative Study of Machine Learning Algorithms for AQI Prediction in Key Indian Cities	Subhashree Mohapatra, Amit Kumar Keshari and Jai Govind Singh
3	448	An Ensemble Framework for Diabetes Prediction using SMOTE and Optimized Stacking	Srikanta Kumar Sahoo, Sandhyalati Behera and Mihir Narayan Mohanty
4	622	Comparative and Generative Analysis of Monte Carlo, EWMA, and LSTM Models for Financial Value-at-Risk Forecasting	Nitu Saha, Sayantani Das, Ujjwal Kumar Kamila, Arista Seth, Arunima Banerjee and Siddhartha Chatterjee
5	734	Towards Ethical AI for Hinglish Sentiment Classification: Performance, and Bias Mitigation	Arpita Satpathy, Ajay Tiwari and Pubali Chatterjee
6	811	An Attention Guided Stacked Ensemble of CNN and Vision Transformers Architectures for Early Melanoma Detection	Swapnil Umbarkar, Pramita Tiadi and Dancy Paul
7	917	SAFE-CHARM: A Context-Conditioned Hierarchical Model for Detection of Self-Harm Risk Indicators using Depression and Anxiety Signals	Satya Prakash Mohanty, Ayushi Mishra, Rimjhim Mohanty, Avinash Samantra and Arun Kumar Sahoo
8	1959	Prompt Optimization Using Instruction-Tuned Small Language Models for Cost-Efficient LLM Deployment	Likkith Reddy Chirasani, Surya Teja Mannava, Abhilash Thota and Sambit Kumar Mishra

Oral Session-2: 10th April 2026 (3.00PM - 5.00PM), Venue: (To be updated...)

Session Chairs:

Sl. No.	Paper ID	Paper Title	Author Names
1	402	BERT-based Fake Odia news detection on Social media	Rajeswaree Nath, Barsha Pattanaik, Aparna Baboo, Puja Priyadarshani Dash, Tarun Kumar Naik, Poojarini Sahu, Manasi Rakshit and Sourav Mandal
2	525	A Secure Framework for Smart Waste Management Using IoT, Machine Learning, and Blockchain	Abdhisuta Dash, Bhabani Sankar Samantray, K Hemant Kumar Reddy, Fahad Amin and Sambit Kumar Mishra
3	798	Discourse Modeling for Text-based Emotion Recognition Using Fusion Approaches	Manjog Padhy, Rasmita Rautray and Premananda Sahu
4	834	A Blockchain-Enabled Supply Chain Management Framework with Consensus-Aware Performance Analysis	Swarna Lata Pati, Ranjan Kumar Dash and Debasis Gountia
5	897	NARNET-Based Traffic Prediction for Dynamic Spectrum Allocation: A Pre-FLATS-5G Baseline Study	Susil Kumar Nayak, Benudhar Sahu and Madhusmita Panda
6	930	An Attention-Enhanced Hybrid Framework Using SHAP-Based Feature Selection for Stock Price Prediction	Rajesh Kumar Ghosh, Bhupendra Kumar Gupta and Ajit Kumar Nayak
7	1006	Fetal Health Detection using CatBoost with Feature Selection techniques	Rajashree Dash, Aditi Tiwary, Prakriti Krishna and Mansi Baranwal
8	1370	An EOQ optimal ordering policy with varying generalised time-dependent demand allowing shortages	Pallavi Joshi , Trailokyanath Singh, Sudhansu Sekhar Routray and Rasmita Rautray

Oral Session-3: 10th April 2026 (3.00PM - 5.00PM), Venue: (To be updated...)

Session Chairs:

Sl. No.	Paper ID	Paper Title	Author Names
1	273	A Novel GA-LSTM Method For Water Flow Prediction With Real Climate Data	Amer Salih, Qian Zhang, Alessandro Raschella, Ahmed Mohammed, Badr Abdullah, Omar Aldhaibani, Mukesh Kumar Maheshwari and Yongqiang Qiu
2	475	Multimodal Zero-Shot Reasoning Framework for Real-Time Edge Intelligence in Safety-Critical Systems	Sriramkumar R, Ankita Avthankar, M.Lakshmanan, Joshua Arockia Dhanraj, R.Tamilamuthan and Shreyas Rajendra Hole
3	476	AI-Enabled Women Safety Surveillance with Instant Incident Prediction and Emergency	Sriramkumar R, Ankita Avthankar, M.Lakshmanan, Joshua Arockia Dhanraj, R.Tamilamuthan and Shreyas Rajendra Hole
4	569	Vibetalk- AI-Powered Assistive Communication System for Hearing and Speech Impairment	Akshata Undri, Amulya R, Lakshitha S R, Jessica J Maris and Roma Kudale
5	684	Computer Vision-Powered Smart Attendance and Behavior Monitoring System for Early Detection of Student Disengagement	Dr. Dayal Pyari, Dr.S Swapna, Dr Riya Gupta, Dr K Uma Lakshmi, Kathari Santosh and B Kiran Bala
6	907	A Vision-Based Real-Time Navigation Assistance System for Visually Impaired Individuals Using Deep Learning	Gandla Vaishali, Arshia Tharannum and Nagaram Ramesh
7	931	MentalBot: An AI-Driven Conversational System for Mental Health Monitoring Using Smart Wearable	Stambamkadi Yagnyasri and Sandeep Lonkala
8	1300	A Hybrid Dynamic Projection Scheme for Secure and Cancelable Fingerprint Template Protection	Dilip Kumar Vallabhadas, Sai Pranav SVSS, Shanmuka Srinivasa Siva Sai Moram, Charith J, Sai Naidu Potnuru and M Sitha Ram
9	1397	Agentic Generative AI Framework for Multi-Modal Website Analysis and Optimization	Naresh Tangudu, Shravan Kumar Yadav, Uday Kumar Vaddi, Anjali Netinti, Suchitra Jami and Mohana Rao Ambati

Oral Session-4: 10th April 2026 (3.00PM - 5.00PM), Venue: (To be updated...)

Session Chairs:

Sl. No.	Paper ID	Paper Title	Author Names
1	345	Efficient Fall Detection Using Lightweight Geometric Features and Gradient Boosting Classifiers	Tarun Tejash, Ankit Jha and Naveenkumar Mahamkali
2	354	Hybrid SVM and Genetic Algorithm Framework for Predictive Analytics in Stock Market Forecasting	L. Vijayakumar, Udhaya. M, S. Poongothai, P. Bindu, A. Jenifer Christinal and Rajlaxmi Pujar
3	391	Hybrid Chaos-Based Black Widow Optimization and Genetic Algorithm for Multi-Objective Load Balancing in Cloud Computing	Mohith Varun Regalagadda, Nandini Kodali, Sankar Jai Pavan Uttaravalli, Keerthi Madugula and Sambit Kumar Mishra
4	509	Development of a new technique Dam Gates Opening Scheme based on Whale Optimization Algorithm with Long Short Term Memory (WOALSTM)	Amer Salih, Qian Zhang, Alessandro Raschell'a, Ahmed Mohammed, Badr Abdullah, Omer Aldhaibani, Mukesh Kumar Maheshwari and Yongqiang Qiu
5	532	Hybrid Feature Selection and Classification for EEG-Based Epileptic Seizure Detection Using SMO and Advanced Classification Models	Sumant Kumar Mohapatra, Madhusmita Mohanty, Deba N. Pattanayak, Kaliprasanna Swain and Sabita Mali
6	619	Particle Swarm Optimized PI Control of a PV-Fed DC-DC Boost Converter for High Performance Renewable Charging Systems	R. Anitha, Gaurav Londhe, R.Tamilamuthan, T.Sridevi, M.Lakshmanan and Shreyas Rajendra Hole
7	916	A Simulated Federated Learning Framework for Brain Tumor MRI Classification Using ATSFO-Optimized Lightweight CNNs	M. Thukaram Reddy, Dandu Tejasree and A. Swamy Goud
8	940	AHQD-WSA: Adaptive Hybrid Quantum-Deep Reinforcement Learning Workflow Scheduling Algorithm for Secure and Energy-Efficient Edge Computing	A Swamy Goud, Turkapally Laveen Vara prasad and V Bhargavi
9	1019	An Optimized model for Accurate Heart Disease Prediction using GWO-SVM	Syed Varish, Sudha Rani V and Dinesh Kumar Anguraj

Oral Session-5: 10th April 2026 (3.00PM - 5.00PM), Venue: (To be updated...)

Session Chairs:

Sl. No.	Paper ID	Paper Title	Author Names
1	508	VIBE-CAP: Vision-Language Baseline Enhancements for Image Captioning	Gitika Rath and Navrati Saxena
2	655	A Comparison of Transformer Models for Classifying Sentiments in Indian Farmer Queries	Saravanan Selvam and Sooraj Sreemon
3	731	Advanced Deep Learning for Multi-Modal Mental Health Disorder Detection: A Framework Synthesizing Behavioural, Textual, and Physiological Data	Sanjeeb kumar Pothal, Aman Pratik Pattnaik, Biswojit Lenka, Aditya Nayak, Adyasha Rath and Ganapati Panda
4	908	Cross-Multilingual Code-mix Analysis & Translation	Jinal Patel and Archana Magare
5	1108	Real-Time Live Multilingual Lip-Sync Interpreter	Gunda Hemanth Kumar, M Divya Lakshmi and Uma nandhini D
6	1186	Extractive Text Summarization using biased, adaptive and topic-aware Katz Centrality	Sonali Mhatre and Lata Ragha
7	1212	RAG-BioQA: A Retrieval-Augmented Generation Framework for Long-Form Biomedical Question Answering	Lovely Yeswanth Panchumarthi, Sumalatha Saleti, Sai Prasad Gudari, Atharva Negi, Harsit Upadhya and Praveen Raj Budime
8	1318	CyberBERT: An Intelligent Transformer-Based NLP Framework for High-Accuracy Cyber Threat Classification	Mettu Jhansi Rani, Chettaboina Hoyala, Tanya R, M Kavitha Lakshmi, Sasmita Kumari Pradhan and Chennaiah Kate

Oral Session-6: 10th April 2026 (3.00PM - 5.00PM), Venue: (To be updated...)

Session Chairs:

Sl. No.	Paper ID	Paper Title	Author Names
1	477	Framework for Privacy-Preserving Synthetic Medical Image and Report Generation	Sriramkumar R, Nilesh Ashtankar, M.Lakshmanan, Joshuva Arockia Dhanraj, R.Tamilamuthan and Shreyas Rajendra Hole
2	481	Blockchain-Augmented Federated Learning for Secure and Healthcare Diagnosis from Distributed Electronic Health Records	Joshuva Arockia Dhanraj, Prashant Dhongle, R.Tamilamuthan, M.Lakshmanan, Nilesh Ashtankar and Shreyas Rajendra Hole
3	526	Automating Secure NAS User Provisioning and Management with n8n Workflows	Ekanth Gowda E, Nidhi Prashant Patil, Shreya Ojha and Shabana Sultana
4	674	Assessing the Resilience of Existing Incident Response Models in Mitigating Ransomware-Driven Cyber Threats	Puneet Chauhan and Shashiraj Teotia
5	697	Cooperative Task Offloading with Multi-Agent Deep Reinforcement Learning Using SAC	Reena Panwar
6	727	Self-Supervised Learning and Few Shot Learning to Enhance Network Intrusion Detection in the IoT Environment	Aiswarya S and Parthiban S
7	775	Advancing Digital Wallet Security Through Multi-Factor Authentication and Homomorphic Encryption-Based Privacy Preservation	Dr. Musa Dima Genemo, Dr. Kotha Anil Kumar, Dr. Quazi Taif Sadat, Kathari Santosh, Dr.G Sreeram and I Infant raj
8	975	Blockchain-Based Audit Mechanism for Verifiable and Transparent Ethical Hacking in Enterprise Penetration Testing Systems	Dr. Prakash Chandra Behera, Dr Mohd Aarif, Dr. Syed Hassan Imam Gardezi, M Chaitanya Bharathi, S.T Gopukumar and A.Balakumar
9	1601	Data-Driven Fraud Detection in Carbon Markets using Machine Learning and Blockchain	L. V Krishna Rao, Yogitha Tippireddy, Sai Advait Parimiseti, R Sri Hari Sai Praneeth and Pedapudi Meghana

Oral Session-7: 10th April 2026 (3.00PM - 5.00PM), Venue: (To be updated...)

Session Chairs:

Sl. No.	Paper ID	Paper Title	Author Names
1	545	Enhanced Intrusion Detection Through Machine Learning Classifiers on Trained KDD Dataset	Rajkishore Nayak , Sambit Ranjan Pattanayak, Abhilash Pati, Amrutanshu Panigrahi and Bibhuprasad Sahu
2	594	ADSDF: A Tri-Modal Gated Fusion Framework Integrating Semantic, Sparse, and Lexical Cues for Suicidal Ideation Detection	Arun Kumar Sahoo, Vaibhav Malviya, Shrikant Malviya, Avinash Samantra, Rashmi Rani Patro and Sasanka Choudhury
3	770	Comprehensive Evaluation of Vision Transformer Models for Brain Tumor Classification using MRI	Soumyarashmi Panigrahi, Dibya Ranjan Das Adhikary, Madhusree Kuanr, Subrat Kumar Nayak, Nrusingha Tripathy and Ibanga Kpereobong Friday
4	841	SmuggleDoS: Evasive DDoS Attacks using HTTP Request Smuggling	Deeraj U, Pradeep Kumar Tiwari, Vasudevan A. R. and Amit Praseed
5	925	A Comparative Study of CNN with SMOTE and Transformer Encoder Architectures for EEG-Based Alzheimer's Disease Classification	Santosh Satapathy, Prince Patel, Utpal Patel, Suren Sahu, Rajanikanta Mohanty and Rajesh Mohapatra
6	1016	Deep Hybrid CNN–ViT Model with Neural Architecture Search for Robust Breast Cancer Image Classification	Bipasha Patnaik and Santanu Kumar Sahoo
7	1556	Decision Support System for Optimizing Rake Formation Strategies	Achint Kumar, Sidhant Das, Madan Bag and Rasmita Dash

Oral Session-8: 10th April 2026 (3.00PM - 5.00PM), Venue: (To be updated...)

Session Chairs:

Sl. No.	Paper ID	Paper Title	Author Names
1	353	A Soft Voting Ensemble Framework for Crisis Type and Urgency Classification in Tweets	Sunil Sovan Das, Basudev Nath, Jogeswar Tripathy, Swati Sucharita Roy, Sampa Chau Pattnaik and Nilima Rani Das
2	797	A Multi-Sensor Wearable Framework for Real-Time Industrial Worker Hazard Detection Using Adaptive Thresholding, Sensor Fusion, and Cloud-Integrated Alert Systems	J. Prince Job, S. M. Prasana and L. Steffina Morin
3	883	Novel Human Factors Driven Approach for Reducing Insider Threats Using Behavioral Biometrics and Machine Learning	Dr. Syed Hassan Imam Gardezi, Dr. M Kishore Kumar, Dr Neelam Sharma, Dr. Manivannan Govindasamy, Dr Hitendra Shukla and P. Nagaraj
4	929	A Review on the Security Challenges of Industrial Internet of Things	Md Shabab Anwar, Mahabub Hasan Mahalat and Mrinal Goswami
5	1020	Privacy-Preserving Heart Disease Prediction Using Federated Learning with Optuna-Optimized Gradient Boosting Algorithms	Syed Varish, Sudha Rani V and Dinesh Kumar Anguraj
6	1175	Two-Way Communication System Using Dynamic ISL Gesture Recognition and Voice Processing	M. Vijay Kumar, Ramamohana Rao Gudar, K. Sravya, Bhanu Chander Balusa, N. Sai Praneetha and B Thrinadh
7	1434	Towards Intelligent Network Security: An AI-Based Intrusion Detection System	Praveen Katha, Santhoshkumar S. P., Manohar G, Kamalakannan Machap, Nalini T and Vikram D
8	1528	Graph Neural Network Based Spatiotemporal Traffic Prediction Framework for Smart Communication Networks	Dharani R, Ahmad Abdelhafiz Ali Samhan, Bh. Prashanthi,, Roopa M, S.Agnes Shifani and Navdeep Singh
9	1915	An AI Driven Cyclone Intensity Prediction System	Amrutayan Mishra, Rajashree Dash, Soumya Ranjan Jena, Abhipsa Nandini and Ayaan Khan

Oral Session-9: 10th April 2026 (3.00PM - 5.00PM), Venue: (To be updated...)

Session Chairs:

Sl. No.	Paper ID	Paper Title	Author Names
1	433	MultiLayer SVM Model for Intelligent Pest Detection and Precision Crop Protection in Smart Agriculture	Hemagowri J, Amsaveni G, S Venkata Vara Prasad, Dr. Deepak Asrani, Dr. Komal Asrani and Mythili M
2	759	A Deep Learning–Based Intelligent Fault Detection Framework for DC and AC Side Faults in PV–Wind Hybrid Microgrids	S.Suganthi, Neeraj Jain, R.Tamilamuthan, S V Naga Lakshmi, M.Lakshmanan and Gaurav Londhe
3	847	A Prediction Model for Cardiovascular Disease Powered By Machine Learning	Rupa Debnath, Atanu Sen, Siddhartha Chatterjee and Saikat Samanta
4	1082	CloudImageHunt: Large-Scale Detection and Analysis of Malicious Container Images	Rahul Karne, Akshitha Segireddy and Akhil Joshi
5	1137	Computational Approaches for Brain Tumor Detection and Classification in MRI: A Review of Machine Learning and Deep Learning Models	N Penchalaiah and Esub Sayyed
6	1431	A Smart Multi-Sensor Blind-Spot Monitoring System with Predictive Warning for Vehicles	Sai Ananya R, Rithika G and Suresh Maruthai
7	1884	Portable IoT-Based Smart Farming Device For Real-Time Fertilizer Optimization And Crop Recommendation	Dr. T. Baranidharan, Dharun Pradeep S, Dharaniboopathi M H and Harish V
8	1958	A Comparative Analysis of Deep Face Recognition Backbones with ArcFace on VGGFace2 and IJB-C	Ajay Dilip Kumar Marapatla, M Sitharam, Mannem Yaswanth Sai, Samatham Jayanth Kumar, Kontham Ravi Prakash Reddy and Alahari Maydhazo Dhanyan

Oral Session-10: 11th April 2026 (11.00PM - 1.00PM), Venue: (To be updated...)

Session Chairs:

Sl. No.	Paper ID	Paper Title	Author Names
1	507	Enhancing Recommender Systems using Multi-Graph Convolutional Networks with DyBooster-inspired Temporal Re-Ranking	Navya Sree Pinnamaneni, Eeshatwayi Annabathuni, Sujitha Namburu, Vidhathri Godavarthi, Pardhu Sankar Kalluri, Hemantha Kumar Kalluri
2	528	Road Accident Severity Prediction by Machine Learning Algorithm	Uma Sankar Mahankuda, Bodala Harshit, Aditya Mishra, Rasmita Panigrahi and Neelamadhab Padhy
3	640	An Optimized Hybrid Machine Learning Framework for Early Detection of Skin Cancer	Abhilash Pati
4	921	DTPKI: A Dynamic Trust Weighted Blockchain-based PKI	Amrutanshu Panigrahi
5	937	Health Recommendation Model for Student Drug Addiction Risk Using Automated Machine Learning and Optimized Feature Selection	Madhusree Kuanr, Subrat Kumar Nayak, Sujit Beboritta, Nrusingha Tripathy and Soumyarashmi Panigrahi
6	941	An Efficient Diabetes Prediction Model Using Hybrid Feature Optimization and Extreme Gradient Boosting	Pinakshi Panda , Sukant Kishoro Bisoy, M. Arulkumar, Sanjib Kumar Nayak , Prabodh Kumar Sahoo and Debendra Kumar Sahoo
7	1788	Decoupled Cost-Sensitive Thresholding-based LightGBM for Reliable Predictive Maintenance	Vivek Kumar, Rashmiranjan Nayak and Umesh Chandra Pati

Oral Session-11: 11th April 2026 (11.00PM - 1.00PM), Venue: (To be updated...)

Session Chairs:

Sl. No.	Paper ID	Paper Title	Author Names
1	346	Deep Feature Extraction and PCA–Relief Optimization for Multi-Class Brain Tumor Classification	Bommasani Chihnitha , Varshitha Malladi, Gayathri Vijayalakshmi Alluri, Lakshman Sai Mangalagiri and Naveenkumar Mahamkali
2	503	Automated Lung Cancer Detection: A Comparison of Deep Learning and Classical Techniques	Madhusmita Sahu, Rasmita Dash and Ujjwal Kumar Kamila
3	505	Hybrid Deep Learning Approach for Early Detection of Cashew Plant Disease	Geet Sahu
4	552	Enhancing Brinjal Leaf Disease Detection: A Comparative Analysis of Convolutional Neural Network Architectures	Amit Kumar Mishra, Janmenjoy Nayak and Manohar Mishra
5	1096	A Multimodal Mood-Aware Music Recommendation Framework Using EfficientNet-Based Facial Emotion Recognition and Dense Prediction Transformers	Nisha Dodawad, Deepika Pawar, Sinchana Masaraddi and Namrutha Daivajna
6	1621	Multi-Scale EEG Feature Learning Using Convolutional and Recurrent Neural Networks for Brain Disorder Diagnosis in Clinical Decision Support Systems	Anshuman Sahoo, Shekharesh Barik, Madhulita Singh, Ankita Parida, Biswa Ranjan Jit and Mamata Jena
7	1640	Robust Language Identification in Noisy Environments using Progressive Framework	Arup Kumar Dutta and Arijul Haque
8	1960	XFMA-Net: Explainable Forensic Multi-Scale Attention Framework for Image Forgery Detection	Bandita Das, Suvendra Kumar Jayasingh, Rashmi Ranjan Sahoo, Bunil Kumar Balabantaray and Sambit Kumar Mishra

Oral Session-12: 11th April 2026 (11.00PM - 1.00PM), Venue: (To be updated...)

Session Chairs:

Sl. No.	Paper ID	Paper Title	Author Names
1	328	Hybrid Deep Learning Models for Comparing Teacher Effectiveness and Student Engagement Across Schools	Swati Das, Manjusha Dubey (Tiwari), Dhara Ben, Shraddha Verma, Satish Kumar Sahu and Parul Dubey
2	361	Intelligent Waste Segregation and Recycling in Smart Cities Using a Clockwise RNN Approach	Uppara Raghu Babu, Keshar Mal Saini, Sunith Babu L, Arthi A, Dr. Paduchuru Viswanath and Radhey Shyam Jha
3	387	TFEA-Net: Triplet Feature Enhancement Attention Network for Breast Cancer Classification	Rahil Agarwal, Shreerudra Pratik and Ngangbam Herojit Singh
4	401	Deep Learning-Based Framework for Multi-Stage Classification of Alzheimer's Disease	Arla Gopala Krishna, Dhiraj Kumar Raut, Ch. Praveen Kumar, Sanjay Kumar and Pandu Sowkuntla
5	410	Hybrid Knowledge Graph and Graph Neural Network Framework for Context-Aware Consumer Behavior Modeling in E-commerce	A.Balamurugan, G. Sivakumar, Palagiri Mabjan, Bollam Srivani, Sabina A. Nair and Dr. Naveen Nandal
6	478	SESAN: A Self-Evolving Sparse Attention Network for High-Precision Human Activity Recognition	Joshua Arockia Dhanraj, Gaurav Londhe, Sriramkumar R, M.Lakshmanan, R.Tamilamuthan and Shreyas Rajendra Hole
7	542	Lightweight Hybrid Neural Architecture for Real-Time Deepfake Screening and Content Integrity Preservation	Santhoshkumar S.P, Sathyaseelan G. M. , Sai Krishna Gaduputi Subbammagari, Bharath Reddy Bethi, Saurabh Chandra and Gajalakshmi S
8	607	A Hybrid Deep Learning Framework for Underwater Image Enhancement in Marine Infrastructure Inspection and Archaeological Exploration	Bhanumathi M, Rathinapriya V and Anandha Mala G S

Oral Session-13: 11th April 2026 (11.00PM - 1.00PM), Venue: (To be updated...)

Session Chairs:

Sl. No.	Paper ID	Paper Title	Author Names
1	860	Transformer-Based Deep Learning Architecture for Automated Sleep Disorder Detection and Severity Analysis	Shree Smeka J, Sheeja Kumari V, Murugan A. S. S. , Kadamanchi Santhosha, Santhoshkumar S. P. and Jim Mathew Philip
2	864	Improved Variational Graph Autoencoder for Link Prediction on Real-World Telecom Graphs	Mugdha Arun Sathe, Pooja Shyamsundar, Ojas Naik and Navrati Saxena
3	881	MLP-GRU Framework for Enhanced Prediction of Cardiovascular Disease Risk	Dr.Manimekalai S, K.M Saranya, Dr.S Swapna, Dr. Manivannan Govindasamy, Dr. G. Nagaraju and Dharaani R
4	890	Decoding Emotions: Advancing Speech Emotion Recognition with Machine Learning	Poojithanjali Kurra, Sourav Mondal, Sumanjit Sarkar, Hansika Kuchipudi, Nissy Sathwika and Hema Latha
5	919	Lungs Disease Detection using Convolutional Neural Networks and Short-Time Fourier Transform	Sandhya Devi and Pallavi Khatri
6	933	Error-Resilient Approximate Adders for Efficient Image Processing Applications	Bijay Ojha and Dharamvir Kumar
7	958	Pseudocolorization of Images using Autoencoders	Aditi Singh, Abhijeet Mustafi and Vandana Bhattacharjee
8	1009	Improving Detection Accuracy of Phishing Attacks with Feature Selection and Machine learning Techniques in Cybersecurity	Sathesh P. Sivashanmugam, Shiva Kumara, Ashay Mohile and Deepak reddy Suram

Oral Session-14: 11th April 2026 (11.00PM - 1.00PM), Venue: (To be updated...)

Session Chairs:

Sl. No.	Paper ID	Paper Title	Author Names
1	1200	An Explainable Deep Learning Framework for Real-Time Zero-Day Intrusion Detection	Dr. Anshu Vashisth, Dr. Gagandeep Kaur, Ramandeep Kaur and Dr. Inderpal Singh
2	1214	MicroNet: Automated Classification of Holographic Microplastics and Environmental Impact Analysis using Convolutional Neural Networks and Large Language Models	Chitrakant Banchhor, Pranjali Pandit, Arya Sawant, Atharva Salitri, Pratham Chintawar and Tripti Mirani
3	1317	Hybrid CNN–Transformer Framework for Behavior-Based Ransomware Detection Using System Call Traces	Khullar Shikha , Jayaprakash B , Vibhor Harit , Chennaiah Kate, P Sudheer and S. Kaliappan
4	1358	Snow Resilient Lane Detection through U-Net-based Multi-class Segmentation with Weather specific Augmentations	Yashaswini Manyam, Murari Nallamalli, Hemanth Saga, Thanuj Raja and Radha D
5	1375	Digital Twin–Driven Predictive Maintenance Using a Hybrid CNN–LSTM Framework for Intelligent IoT Systems	Shaik Samsheer, D Vigneswar Rao, Vibhor Harit, Sonia, A.T. Barani Vijaya Kumar and Chennaiah Kate
6	1412	An Efficient Autoencoder-Based Feature Learning Framework for Multi-Class Brain Tumor MRI Classification	Prathyusha Valluru, M Veerakumari, Uma Maheswari Rayudu , Joel krupakar Gutla, Keella Meenakshi and T.V Sai Krishna
7	1442	An Efficient Hybrid Deep Learning Model for Diabetic Retinopathy Detection Using Fundus Images	Geeta Tripathi , P Pratima Rani, Vullam Nagagopiraju , Ch Siva Subrahmanyam, A Lakshmanarao and P Chandra Sekhar Reddy
8	1495	Real Time Helmet and Triple Riding Detection System	Duddekunta Ram Prameedhan Reddy, Mullaguri Chandu and R. Roselin Kiruba

Oral Session-15: 11th April 2026 (11.00PM - 1.00PM), Venue: (To be updated...)

Session Chairs:

Sl. No.	Paper ID	Paper Title	Author Names
1	1588	Smart Indian Farmer Assistant: A Tri-Modal AI Framework for Precision Agriculture Using MobileNetV2, XGBoost, and Multimodal Language Models	Varshan K., Vishnu Vatsan K.S., Arulselvan M. and Ms. Kowsalya K
2	1602	Video Surveillance Model for Anomaly Detection and Alert Generation using Deep Learning	Ms. Y. Surekha, Dr. G Lalitha Kumari, Thirandi Ramya, Paidimukkula Lavanya , Tatiparti Meghana and Valluru Divya Charitha
3	1608	Driver Drowsiness Detection Using Multi-CNN Fusion and Automatic Landmark-Based Labeling	Sri Charan Nagandla, Vishnu Vardhan Podapati, Uday Ganesh Botsa and Devi Rajeev
4	1669	Smart Civic Issue Tracker: Proof-Based Digital System For Effective Municipal Issue Resolution	P Govindaraju, T Marthandan, C Gowri Shankar, Bharathraj P, Inbaselvan N and Kavya S
5	1684	Few-Shot Prototypical Networks for Multi-Class Alzheimer's Disease Classification from MRI	Asha Bharti and Ritesh Jha
6	1725	A Deep Learning-Based Approach to Intelligent Web Vulnerability Discovery and Risk Assessment	Hari Aravind Kishore A, Harry Herald R and Lekshmi S Raveendran
7	1754	Deep Ensemble Learning Model for Adaptive Entrepreneurship under Global Trade Policy Dynamics	Dr V. Ratha, Dr. Sankara Prasanna Kumar. M, Dr. Siva Kumar. A. P, Amshavalli M, Ramarajan M and Dr. Mamta Bansal
8	1954	A Federated Deep Learning Approach for Multi-Class Diabetic Retinopathy Detection	Sreeram Reddy Nandem, Gowthami Reddy Reddem, Manoj Kumar Settippalli, Regalagadda Mohith Varun and Satya Krishna Nunna

Oral Session-16: 11th April 2026 (11.00PM - 1.00PM), Venue: (To be updated...)

Session Chairs:

Sl. No.	Paper ID	Paper Title	Author Names
1	903	Enhancing Crop Recommendation Accuracy using Quantum Support Vector Machines on Complex Agricultural Datasets	Varun S and Abirami S
2	1129	A Hybrid Random Forest and Logistic Regression Approach for Early Heart Disease Prediction	M Sitharam, Cheetirala Dhanush Krishna, Kotha Pavan Kumar, Kotha Nikhileswar, Palle Sudarshan Reddy and Annapareddy V N Reddy
3	1313	Machine Learning-Driven Risk Scoring Models for Retail Credit Assessment: Comparative Evaluation of Neural Networks, XGBoost, and Logistic Regression in the Indian Lending Sector	Amit Verma, Suby Baby and Anchal Lamba
4	1482	Software Reliability Prediction using Machine Learning	Ramesh Jana, Manmath Kumar Bhuyan, Chinmay Sahu, Nigar Parween, Chinmaya Rana and Deepak Kumar Mohanty
5	1535	Fuzzy-Rough Meta-Feature Selection For Compact Stack Ensemble Classification	Manaswini Reddy Avula, Nitheesha Boggavarapu, Padma Ananya Donthi Venkata, Yagna Sai Pravallika Jonnakuti and Pandu Sowkuntla
6	1593	Interpretable Wine Quality Prediction Using Autoencoder-Based Feature Compression and Stacking Ensemble Learning	Inturi Anitha Rani, Anusha Nalajala, Ramakrishna Eswar Naidu, Bommidi Pranay, Valluri Sai Raju and Alakunta Hashith
7	1683	Progressive Acoustic Stacking–Based Speaker Level System for Pathological Voice Disorder Detection	Bikash Sagar Koiri and Sumit Srivastava
8	1772	Machine Learning Based Framework for Crop Yield Prediction under Climate Variability	B Thulasi, R Varaprasad, Karanam Poorna Srikala, Kamarthi Swapna, Boya Akhilandeswari and Chakali Anjali

Oral Session-17: 11th April 2026 (11.00PM - 1.00PM), Venue: (To be updated...)

Session Chairs:

Sl. No.	Paper ID	Paper Title	Author Names
1	851	Liver Semantic Segmentation: Enhancing Medical Image Accuracy	Sangeeta Viswanadham , Jaya Lakshmi Nemana, Riju Bhattacharya, Deepak Kumar Asudani, Supriya Gupta Bani and Anand Tamrakar
2	1081	Measuring Cloud Misconfigurations in the Wild: An Empirical Multi-Cloud Study	Akshitha Segireddy, Rahul Karne and Akhil Joshi
3	1193	Performance Evaluation of Machine Learning, Deep Learning, and Ensemble Approaches in Diabetes Prediction	Swarnali Daw, Bingshati Mondal, Devadeepa Chakraborty, Suparna Paul, Ishika Halder and Bidyajani Maji
4	1563	Intelligent Framework for Traffic Accident Risk Prediction Using Machine Learning	Dipesh Dalmia, Akshit Saini, Aman Tyagi, Reshma Saluja, Kalpana Sangwan and Poonam Kukana
5	1587	Explainable Deep Neural Networks for Predicting Mutated Patterns in SARS-CoV-2 Variants with Geographic Analysis	Varshitha Bammidi, Santhosh Amilpur and Chandra Mohan Dasari
6	1955	Cancelable scheme for fingerprint template protection using PUF and ARX Encryption	Singarapu Pavan kumar, Dilip kumar Vallabhadas, M Sitharam and Jhansi Rani Inturi
7	1961	Real Time Face Recognition-based Smart Door Access Control System	Greeshma Goud Ede, Pranavi Samhita Danda, Sneha Battula , Hema Sumaswi Manchikalapudi and Sambit Kumar Mishra
8	1962	Adaptive Energy Management in Solar-Powered Smart Vehicles Using MPPT and SOC-Based Mode Switching	Rouf UL Bashir, Mousumi Mishra and Sambit Kumar Mishra

Oral Session-18: 11th April 2026 (11.00PM - 1.00PM), Venue: (To be updated...)

Session Chairs:

Sl. No.	Paper ID	Paper Title	Author Names
1	758	Hybrid Fuzzy-ANN Voltage Control for Solar-Wind EV Microgrids	Suganthi. S, Gaurav Londhe, R.Tamilamuthan, S V Naga Lakshmi, M. Lakshmanan and Shreyas Rajendra Hole
2	760	Fuzzy Logic-Based MPPT Control Strategy for Stable EV Charging under Rapid Solar Irradiance Variations	S V Naga Lakshmi, Gaurav Londhe, R Tamilamuthan, Suganthi S, M Lakshmanan and Shreyas Rajendra Hole
3	1151	Automated Multi-Class Retinal Disease Classification Using OCT Images with Visual Interpretability Support	Dr.Kanakamedala Phaneendra, B Manasa, Ch Dhanush , V Harsha Vardhan and Bhanu Chander Balusa
4	1501	Deterministic Regularization via Centered Kernel Alignment in RF-DETR	Manav Madan, Raturaj Shelake and Christoph Reich
5	1530	Speech-to-Sign Language Translator	Dinky Khurana, Jasmine Kaur , Baishnavi Patsani and Amit Vajpayee
6	1560	Papaya Leaf Nutrient Deficiency Classification Using Transfer Learning based Deep Learning Models	Ajahar Pathan and Swati Pandey
7	1773	EMO-VIGIL: A Transformer-Based Framework for Fine-Grained Emotion Detection and Mental Health Risk Screening from Microtext	Mrs. GeethaRenuka Jalluri, Boyalapalli. Anil Kumar, Lakshmi Susmitha Thota, Sagar Kondiboyina and Durga Prasad Itharaju
8	1953	Design and Development of a Realistic VR Driving Simulation Platform Integrating UE5 and Physical Controls	Velaga Subhash, Yarra Krishna Teja, Popuri Chinni Krishna and Manikandan V M