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Technology
ICITIIT'26**

March 27-28, 2026

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Kottayam**

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PAPER PRESENTATION SCHEDULE

27.03.2026 (Friday)

Session: 01			
Date: 27 March, 2026			
Time: 2.00 PM – 4.00 PM			
Venue: BC318			
Track: Advancements in Machine and Deep Learning			
SI No	Paper ID	Title	Authors
1	472	Adaptive Illumination Transfer: A Cross-Attention Approach to Image Harmonization	Gayathri Dili, Dr Arun K S
2	652	FreshVision: Automated Quality Assessment System for Fruit Grading Using Deep Learning	Raunit Raj , Nikesh Chaudhary, Sneha Baidnath Pandit , Abhishek , Nawneet Pandey , Nitin ,Vijay Shukla
3	1012	Learning Emotions Across Modalities Through Hybrid Deep Representation Fusion	Vanka Shireesha, Vinay Kumar Pamula, P.Satyanarayana Murty
4	1041	Multimodal Agentic RAG: A Hybrid Framework for Intelligent Extraction and Adaptive Retrieval on Unstructured Data Streams	Dr. D. Karthika Renuka, Dr. L. Ashok Kumar, Ms. N. Deepika, Ms. K. S. Thaarugeshwari, Ms. Sriya Santhanam, Ms. K. Tejasri, Mr. N. Harisindhu, Ms. P. S. Preethi, Ms. A. K. Sangamithra
5	1045	ResNet-101 Refined with Bottleneck Attention for Improved Diabetic Retinopathy Classification	Venkata Naga Pushyami Sanikommu, Parimala Garnepudi
6	1064	Machine Learning-Based Bias Correction and Probabilistic Forecasting for Precision Agriculture: A Data-to-Decision Framework	Jishnu M, Shanmuga Priya S
7	1069	Enhancing Maize Crop Health: An Explainable AI Approach For Leaf Disease Detection Using Deep Learning	S.B.Gopal, D Nanthiya, T Lakshana, S Srimathi , N Vidhyavarshini

Session: 02
Date: 27 March, 2026
Time: 2.00 PM – 4.00 PM
Venue: BD418

Track: Advancements in Machine and Deep Learning

SI No	Paper ID	Title	Authors
1	486	Improving the Performance of ECG-Based Affective Classification Systems Using Cepstral Features	R Yazhini, SRK Madhavh, DV Prashannaa, S Dharun, H Haritha, C Santhosh Kumar
2	637	Evaluating the Robutness of LLM Against Data Posioning Attacks in Cybersecurity Datasets	Maninder Kaur, Sangeeta Singh, Usha Sree R, Neha Gupta, Mohit Garg, Meenakshi Munjal
3	663	Self-Adaptive HOA Driven Deep Optimization Framework for Robust Infant Pose estimation	Kalaimathi R,S.Latha, Samiappan Dhanalakshmi
4	701	Federated LLMs for Collaborative Cyber Threat Intelligence without Data Sharing	Sahana MP, Gulnoza Jalilova, Pulicherla Siva Prasad, Shilpa Sharma, Mohit Garg, Meenakshi Munjal
5	704	KidneyAI-A Lightweight Deep Learning Framework for Early Classification of Kidney Diseases Using Ultrasound Images	Paulin A, Priyadharshini R , Umayal AR
6	1005	Adaptive FedGuard-DL: Privacy-Preserving and Attack-Resilient Federated Deep Learning for IoT Security	P.Immaculate Rexi Jenifer, Sasthi Kumar C,, Saritha PS, Dr.P.Changamma, S.Saranya, Ajay Khajuria,
7	1011	Hybrid Survival Ensemble Model for Employee Attrition Prediction	Dharaneshwar K, Boomika S, Dharanya G, Amirtha N, Keertana R, Dr. S. Ravimaran, Dr. U. Srinivasulu Reddy

Session: 03
Date: 27 March, 2026
Time: 2.00 PM – 4.00 PM
Venue: BB204

Track: Advancements in Machine and Deep Learning

SI No	Paper ID	Title	Authors
1	53	Architectural Variations of YOLO for Skin Cancer Detection: Backbone–Head Flip Analysis	Midhun P Mathew, Athira Pradeep, Albin John Wilson, Adarsh S , Amal Sabu , Aswajith Sajeev
2	182	Automatic Quality Grading of Rehabilitation Exercise with Skeleton-Based Deep Learning	Diviti Santhoshi, Yalavarthi Bhavanishwarya, Gundemoni Vineeth, Anjum Nabi Sheikh
3	227	Multi-Modal Deep Learning for Integrated Weed and Disease Assessment in Soybean Fields using UAV Imagery	N. Karthikeyan, V. Karthick, A. Akilan, D. Bharath
4	883	Comparative Analysis of Quantum and Multi-Model Deep Learning Approaches for Skin Lesion Classification	Dr. Sireesha Moturi,Chinnapareddy Anjali Reddy,Dogiparthi Dhanusha,Shaik Chikli Asifa,Chandra Mouli Kathi,Sasidhar Bola
5	967	Microstroke-based Boundary Representation for Brain MRI Tumor Segmentation using U-Net	Surya M, G B Hitesh Vaibhav, Thanekesh V, Veerapu Goutham, Nisha J S, Gopinath Palanisamy, Abdul Rahim VC
6	1053	A Unified Stacking Ensemble Framework for Crop Recommendation and Yield Prediction	R. Abhinaya Sai, M. Chandralekha
7	857	Knowledge-Centric Deep Learning Frameworks for System-Level Intelligence in 6G Wireless Networks	Dr. R. Ravi, Dr. A. Priya , Reshma P, Dr.D.Abinaya, S. Hariprabha, Kannan.R

Session: 04
Date: 27 March, 2026
Time: 2.00 PM – 4.00 PM
Venue: BC304

Track: Cloud and Distributed Computing Paradigms & Explainable and Responsible AI solutions for interdisciplinary applications

SI No	Paper ID	Title	Authors
1	154	Soft Computing-Driven Energy-efficient Algorithm Design with Combined Optimization and Machine Learning for Resource-constrained Devices	Kandimalla Sasank Sai, Karumanchi Srija, Ventrapragada Chetan SSS Gurunadha Sarma, Aravapalli Sri Chaitanya, Puttur Preetham Kumar, Dangete Suma
2	357	Design and Evaluation of a Hybrid Quantum Model for Intrusion Detection Systems	Sweetha S, Manikandan A, Vijayalakshmi M, Harini Mai V G
3	885	Semantic-Aware Knowledge-Driven Deep Learning for Cognitive Optimization in Next-Generation 6G Networks	B.Dilip Kumar Reddy, Narayanam R S, Lakshmi Prasanthi, Abinaya N, Dr A Velayudham, Sheela Pitta, Machiraju Sivakumarraju
4	1094	Adaptive Consensus Selection Using Random Forest Classifier for Blockchain-Enabled Resilient Traffic Networks	Vishal K., Dr. T. Vairam, Kavin T., Sengathirsoorian E.T.
5	479	Explainable Hand Gesture Recognition using SHAP-Enhanced ParallelCNN	Rahul Kumar Chaurasiya, Aman Yadav, Md Tarik Anvar, Mitthu Kumar
6	1156	Beyond the Fairness–Accuracy Tradeoff: Genetic Algorithm-Driven Sample Weighting for AgeBased Fairness	Pradeep Singh, Bikesh Kumar Singh, Rajendra Kumar Pandey, Aman Kumar Sah
7	1174	A Decision-Aware Machine Learning Framework for Reliable Breast Cancer Classification	Amit Kalita,Himashree Kalita , Kaushik Das

Session: 05
Date: 27 March, 2026
Time: 2.00 PM – 4.00 PM
Venue: BD404

Track: Cryptography, IoT and Ethical Computing

SI No	Paper ID	Title	Authors
1	435	IoT-Based Healthcare Monitoring with Emergency Alert System and Unified Dashboard	Girisudhan V, Nalin Gugan S U, Ganesan M
2	604	Smart Pipeline Cleaning Robot with Camera Inspection and Dual Cleaning Mechanism	Dr. C. A. Subasini, Ishwarya M, Elizabeth Chrysolite E
3	922	Blockchain-Based Secure Document Sharing System with Group-Based Access Control and IPFS Integration	Bolisetti N V S Krishna Yaswanth,Cheruvupalli Sudheesh,S.Priya
4	562	Smart Anti-Snoring Pillow With IoT-Based Health Monitoring And Sleep Apnea Risk Analysis	Ponni Bala M, Pooja V, Sakthi Murugan P, Srimathi S, Vimal Prasath T
5	747	A Lightweight IoT-Based Framework for Real-Time Packet Analysis and Network Threat Detection	Pranish K , Chandralekha M , K Geetha
6	781	Optimizing Zero-Knowledge Architecture for Edge Computing: An Easy Approach to End-to-End Encrypted File Sharing	Darshan Odedara, Joshan Athanesious J. , Kiruthika S.

Session: 06
Date: 27 March, 2026
Time: 2.00 PM – 4.00 PM
Venue: BD403

Track: Frontiers in Natural Language Processing and Image Processing & Generative AI

SI No	Paper ID	Title	Authors
1	650	XLANMT: Cross-Linguistic Adaptation for Low-Resource NMT: Gondi-Hindi-English Perspective	Gopesh Kumar Bharti, Santosh Kumar, Srinivasa K G
2	764	Ensemble Deep Learning Framework for Alzheimer's Disease Early Identification and Categorization Using Brain MRI	Ashutosh Pandey, Shashi Prabha
3	1100	Exploring Multimodal Fusion of Hyperspectral and Multispectral Imagery Using a Generative Representation Learning Framework	Suryanarayana K, Arunima P, Hannah Elsa Anish, Dr Kalpana P
4	717	Securing Medical LLMs with Differential Privacy Against Inference and Reconstruction Attacks	Kadiyala Sai Sathvik , T. Gireesh Kumar
5	915	Constraint-aware LLM pipeline for EvoGym environment generation with fitness-guided prompt refinement	Bagavathi C, C. Shunmuga Velayutham, Mahesh Narayanabhatla

Session: 07
Date: 27 March, 2026
Time: 3.00 PM – 5.00 PM
Venue: BB218

Track: Advancements in Machine and Deep Learning

SI No	Paper ID	Title	Authors
1	17	Optimized Soft Skill Prediction Among Computer Science Students using PSO in Boosting Algorithms	Jasmin Nizar, Jaseena K U
2	23	A Real-Time and Accurate Face Detection and Recognition for Assistive Applications Using YOLOv8 and InsightFace	Cris Maria Shaji, Mohamedsipli M, Lekshmi Priya S B, Vengadeswaran S
3	30	Exploring Facial Feature Extraction and Temporal Dynamics for Deepfake Video Detection: A CNN-RNN Study on FaceForensics++	Umang Jeswani, Dr. Priyadharshini S
4	32	Towards Accurate and Interpretable Breast Cancer Detection: A Transfer Learning-Based Approach	Sneha M Kuriakose, Jaseena K U, Naveen G Basil Paul
5	37	Real-Time Crime Detection and Suspicious Activity Classification in Public Spaces Using Deep Learning and Enhanced Surveillance Technology	Dinesh J, Sornalakshmi K
6	45	The Role of ML algorithms in the diagnosis of Neuro Developmental disorders: A Survey	Athithya S, Dr. S. Vidhusha, Dr. S. Karthika, Dr. Harisuthan T
7	27	A Hybrid Heterogeneous Graph Attention and XGBoost Framework for Intrusion Detection	Jeena Joseph

Session: 08
Date: 27 March, 2026
Time: 3.00 PM – 5.00 PM
Venue: BC302

Track: Advancements in Machine and Deep Learning

SI No	Paper ID	Title	Authors
1	48	Weighted Ensemble for Breast Cancer Classification Using Genetic Algorithm - Base Feature Selection and Hyperparameter Optimisation	Ann Therese Robert, Sushitha Susan Joseph
2	52	Hybrid Recommendation Systems: Performance Analysis on Sparse Vs. Dense Interaction Data	Sumithmon KS, Rahul Shajan
3	55	Explainable BiLSTM and SVM Hybrid Model for Fake News Detection	Anamika H Nair, Sushitha Susan Joseph
4	56	Kullback–Leibler Divergence Based Fuzzy C- Means Segmentation Algorithm for Magnetic Resonance Imaging Data	Deepa Joseph, S N kumar, Midhun P Mathew
5	61	Social Engineering Threat Detection on Reddit Using OSINT and Transformer-Based NLP Model	Aafiya Shameer, Amitha M. M., Alida P. S., Angel Vivek K, and Renu Mary Daniel
6	130	Exposing the Vulnerability of Inferring Keystroke Patterns from Mobile Phone Motion Sensor Data using Deep Learning	Aswin A Nair, Tanuj Karteek Allena, Polu Vivekananda, Dr. Abin Oommen Philip
7	195	Fully Unsupervised Video Anomaly Detection and Tracking with Adapter-Tuned Foundation Model	Sukanyathara J, Kanchan Lata Kashyap

Session: 09
Date: 27 March, 2026
Time: 3.00 PM – 5.00 PM
Venue: BA101(A)

Track: Advancements in Machine and Deep Learning

SI No	Paper ID	Title	Authors
1	196	Pretrained Genomic Transformers for Accurate Mutation Position Prediction	Anjana M P, Arun K S
2	198	A Hybrid Feature Learning Framework Based On Deep Feature Integration For Better Skin Cancer Diagnosis Using Transfer Learning	S Kamalesh, S Chidambaram
3	208	An Empirical Evaluation of Deep Learning Models for Raga Identification in Carnatic and Hindustani Systems	Amrita Jiju, Akhil V V
4	258	Ensemble Based Chest X-Ray Classification System	Jayasankar K S, Robby R Thomas.Roopika Biju,Rinu Rose George
5	288	CivicSense: An AI-Driven Benchmark for Waste Classification and Smart Disposal	Vanshika Khanna, Kanishk Dwivedi, Somya Rakesh Goyal
6	318	SynchroChain: A Hybrid AI Architecture for Real-Time Supply Chain Optimization	P Sreejindeth, Padmavathy T
7	256	DECAF: Dual-domain Evidential Cross-Attention Fusion Network for MRI-Based Cognitive Decline Staging	Afshan Khan, Bushara A R, Bismi Mohammed Ashraf, Navya Raj, Muhammad Salah M.A

Session: 10
Date: 27 March, 2026
Time: 3.00 PM – 5.00 PM
Venue: BA101(B)

Track: Advancements in Machine and Deep Learning

SI No	Paper ID	Title	Authors
1	353	EEG Signal Analysis for Motor Imagery Tasks Using Deep Learning Techniques	Aadhitya S.V, S.Ishrath Sulthana, Karthikeyan. D, Sutharsan V, R. Lakshmi, Annamalai .G
2	493	Reptile Meta Learning Based Beaconsing And C2 Behaviour Detection In Network	Graeson Joshua Elijah, Renu Mary Daniel, Amrith Saras, Diya Jothish
3	494	Oncoverse: A Multi-Agent Conversational System for Breast Cancer Detection	Sharanya Acharya, Yami Sunil, Poshika Reddy, Padmavathy T
4	681	LLM Augmented Framework for Realtime Accident Detection and Analysis	Aiswarya A, Falguni Shinde, P Sreejindeth, Subramaniaswamy V
5	777	Deepfake Shield: A Hybrid System for Real-Time Detection of Synthetic Media Using AI	Kavirithanya E V, Keren Elizabeth Nivea A, A. Yovan Felix
6	399	Capsule-Enhanced Generative Adversarial Networks for Financial Time Series: A Comparative Study of RNN Architectures and Mamba	Ankush Goyal, Richa Golash, Ajay Kumar
7	654	Prune Smart, Train Sharp: ADMM-Powered CNN and INN Models for Image Classification	Jishnu Teja Dandamudi, Yogendra Chhetri

Session: 11
Date: 27 March, 2026
Time: 3.00 PM – 5.00 PM
Venue: BD400

Track: Advancements in Machine and Deep Learning

SI No	Paper ID	Title	Authors
1	791	Design and Implementation of a Secure Online Voting System Using Haar Cascade Based Facial Biometric Authentication	Rahul J. Teradal, S .N .Kumbar, Radhika P. Giraddi, Soumya Gadag , Mahantesh S Mannikeri , Ranjita Akkasali
2	801	Automated Arrhythmia Classification from ECG Signals Using 1D Residual Networks	Snehas Kale, Vishnu Raj Rajesh Kumar, Antony Seba. P
3	808	Improved Cell Nuclei Segmentation Using a Convolution Blur Attention Enhanced Transformer Based U-Net	Aditi Damodar, Hitesh Tekchandani, Madhu Oruganti, Praveen Kumar Shukla
4	854	Bank Customer Churn Rate Prediction and Minimization Using Machine Learning	Bollepalli Amrutha Varshini, Bolla Gayathri, Dr. V. Surya,
5	908	Multi-Modal Emotion Recognition on Physiological Signals Using Self-Supervised Deep Learning Models	Mayank Sharma, Divyanshu Desai, Geetha Sri, Kumaran P
6	780	Enhanced Indian Sign Language Recognition Using Dual-Attention CNN Integrated with Firefly Optimization	Mrs. N. Sheela ,Dr. B. Bharathi Kannan , Dr. M. Prasannakumar , Dr. B. Rajalingam
7	862	Dual-Input Transfer Learning for Efficient and Robust Masked Face Recognition Using an Enhanced ResNet-50 Architecture	Santo Cherian, Binu Thomas

Session: 12
Date: 27 March, 2026
Time: 3.00 PM – 5.00 PM
Venue: BB203

Track: Advancements in Machine and Deep Learning

SI No	Paper ID	Title	Authors
1	955	A Comparative Analysis of Deep Learning Architectures for Multi-Label Audio Tagging and Source Separation	Venkata Sri Shanmukha Akhil Burra,Raja Sravan Kumar Kovvali,Prasanna Kumar Reddy
2	981	Dental Disease Classification using MobileNetV3 and Deep Learning	Megha Rani R, Veerendra Nayari, Pranav K, K Nagendra Pai, Sanketh S Hegde
3	990	Improving Weather Forecast Reliability: Refining Deterministic Initial Predictions with Probabilistic Diffusion Models	Mouleshwar Saravanan, Vidyadhar Upadhya
4	993	Environmental Sound Classification Using Deep CNN and Mel-Spectrogram Images	Ganjikunta Sai Venkata Santhosh, Tatigutla Dinesh Kumar Reddy, Krishnapatnam Dhanush, Kandregula Dinesh Karthik, Isunuri Bala Venkateswarlu
5	996	AMF-Net: A Multimodal Attention-Based Network for Rice Yield Prediction	A. S. Radhamani, Laghumavarapu Chanikya, Gokaraju Surya Satya Narayana Raju, Venkata Sri Hari Haranath Pelluri, Byreddy Uday Pujith Reddy
6	1000	AgriQPro-Quantum Driven Precision Optimization for Smart Agriculture	Vinutha N, Praveen Posa S, Devanagouda, Gandham Bharathi, Chandan V Reddy, Abdul Haq Nalband.
7	1028	Self-Supervised Deep Image Prior with Blind-Spot Networks for Multiplicative Noise Removal	Mahipal Jetta, Appana Saketh Krishna Rao, Kushal, R V S Sriksayap Sagar

Session: 13
Date: 27 March, 2026
Time: 3.00 PM – 5.00 PM
Venue: BD401

Track: Advancements in Machine and Deep Learning

SI No	Paper ID	Title	Authors
1	1061	Acoustic Bird Species Classification using Modified CNN and Attention Bi-LSTM	Uma Maheswari Pandyan, Sundarajapandian R, Mohamed Mansoor Roomi S, Gandhimathi alias Usha S, Zaakir Ahmed M, Manish Rahul P
2	1065	Online Price optimization of Sunglasses under Algorithm - Driven Uncertainty:A Hybrid Machine Learning Approach	Mejo Varghese, Dr R Thirumurugan, Binu Thomas, Shamini James
3	1120	Real-Time Audio Pattern Detection for Enhancing Situational Awareness in Headphone Users Using Deep Learning	Konakalla Dheeraj,Shiv Akash S M,Pavithra Guru R
4	1128	Spectral Subset Hierarchical Bayesian Optimization for Hyperspectral Band Selection	Elaveni Palanivel, Vrushali Kamalakar
5	1152	AEFormer: A Hybrid Conv1D-Transformer Model for Concrete Damage Classification via Acoustic Emission Signals	Aman Kumar Gaur, Nipun Bansal, Yashasvi Bansal
6	1171	A Cross-platform Malware Classification using Domain-aware Representation Learning	Asmitha K.A., Vinod P., Rafidha Rehiman K.A., Serena Nicolazzo, Antonino Nocera
7	15	AI Based Medical Care Assistance And Case Sheet Generation Using Basic Disease Prediction With Bert-LSTM Model	Mr. Christy Varghese Chacko, Dr. Renu Mary Daniel, Mr. Albin Rony, Ms. Annmaria Jaxon, Ms. Ashmi Jomon

Session: 14
Date: 27 March, 2026
Time: 3.00 PM – 5.00 PM
Venue: BC301

Track: Cloud and Distributed Computing Paradigms & HCI and Quantum Computing

SI No	Paper ID	Title	Authors
1	695	Intelligent Medical Report Analysis System: A Serverless Cloud Architecture for Automated Healthcare Diagnostics	Adithiyaa D, Lakshmi Narayanan T, Gokulakrishna Saravanan, Deepa Nivethika S
2	805	Federated Learning for Rural Healthcare Diagnosis	Martala Abiram Reddy , Shaik Mohammed Humza , Usama Abdur Rahman
3	228	Design and Analysis of 2-Port and 4-Port Wilkinson Power Dividers Using Photonic Crystal Structures	K. R. Balagopal, Nikhil Subramannian, Naveen Renny, Priya R. Das, Resmi N. C, Anagha E. G
4	647	Hybrid Quantum Computing Workflow Optimization	Khalid Abdul Jaleel, Gold Sharon R, Nivi V
5	278	Navigating the Campus: A Technological Framework for Efficient Wayfinding Solutions	Dharshini M, Divyadarshini K, M Vijayalakshmi

Session: 15
Date: 27 March, 2026
Time: 3.00 PM – 5.00 PM
Venue: Mukhil (AB109)

Track: Cryptography, IoT and Ethical Computing

SI No	Paper ID	Title	Authors
1	33	An Efficient and Secure Product Monitoring Sensor Network using Lattice based Ring Signature Technique	Amutha Prabakar M, Padmavathy T
2	251	Prediction of Crop Analysis Using Machine Learning Algorithms	S Srinivasulu Raju, Harshitha M, Niranjana T, Y Sujana, Koppala Guravaiah
3	319	Optimizing Simeck Cipher for Resource-Constrained IoT Devices: Performance Enhancements Through Computational Redundancy Elimination	Swapnil Mondal, Himanshu Shekhar, Siddhesha Thepade, Shiva Shakya, Dr. Iyappa Perumal
4	49	A Hybrid Lightweight Cryptographic Algorithm for Resource-Constrained IoT Systems	Divya James, Lakshmi K.S. Pallavi Ajith, Ahina George
5	369	AI Voice-Based Respiratory Health Screening with Risk Alerts and Privacy	M Nirmala Devi, Shafiya Mariyam S, Kanishka R R, Umapriya V
6	612	Deep Learning Driven – Side Channel Cryptoanalysis With Adaptive Trace Profiling And Cross - Platform Generalization	Aron Devan, Akash S , Dr. S. Balapriya
7	648	Phishing Attack Detection with Minimal Features using Snake-Frog Predator Optimization Algorithm with RNN and LSTM	Dr S.B.Gopal, Dr.E.Silambarasan, Dr.S.Aravindkumar, Mr.S.Vinothkumar, Dr.Anandh Babu M, Mr.Sedhumadhavan S

Session: 16
Date: 27 March, 2026
Time: 3.00 PM – 5.00 PM
Venue: AA103

Track: Cryptography, IoT and Ethical Computing

SI No	Paper ID	Title	Authors
1	687	Smart Cradle: An IoT-Based System for Intelligent Infant Monitoring	Adithiyaa D, Lakshmi Narayanan T, Gokulakrishna Saravanan, Parvathy A K
2	772	A Blockchain-Integrated Privacy Framework for Audio Copyright Protection Using ZKP and Attribute-Based Encryption	Paruchuri Jagannath Rao, Nadigatla Jyothi Kumar, J Umamageswaran
3	877	Intelligent Adaptive Video Network Digital Twin For Bandwidth-Aware Smart City Surveillance	Dr. A. S. Radhamani, Vijaya Sai Nandapati, Jagarlamudi Sri Vyshnavi, Rachepalli Laasya, Bhogolu V N S S Aakash
4	887	Cryptographic API Misuse Detection using BERT-Based Model	Tanay Kinariwala, Mahir Shah, Vanshi Gathani, Aditya Khabiya, Sakshi Jadhav, Anushka Kenia, Vedant Agarwal, Vansh Bhatia, Soham Kher, Divyansh Kedia, Aaryan Mantri, Anant V. Nimkar
5	973	A GAN-Based Vision Transformer Model for Explainable Plant Disease Identification	B. Sathiyaprasad, V. Vigneshwaran ,P. Sanjay
6	1008	Drug Recommendation System Using Transformers	Datti Mahesh babu, S Kranthi ,Konda Lakshmi Chenna Kesava Rao
7	1134	Modeling Lightweight XOR-APUF with Improved Resilience to Machine Learning Attacks	Koushik B., Raahul L.S. Sreegayathri K.K., Mohankumar N.

28.03.2026 (Saturday)

Session: 17
Date: 28 March, 2026
Time: 12.30 PM – 1.30 PM
Venue: BC301

Track: Explainable and Responsible AI solutions for interdisciplinary applications

SI No	Paper ID	Title	Authors
1	298	Agentic AI-Driven Grievance Redressal: Automating Categorization and Routing in Smart Governance	Sarika S, Aaquib Hanan, Afna V N, Jeffy Johnson, K Vaishnav Nair
2	437	Ada-XAI: Adaptive Faithfulness-Driven Explainability for Hybrid Eva-02 and Deformable CNNs in Brain Tumor Diagnosis From MRI Images	Sreehari R, Abhinav R, Kalidas V.S, Neeraj Sukumaran, Rajeev Rajan, Chinchu M S
3	444	Multi-Channel Hybrid Deep Learning Architecture for Automated Cyberbullying Detection in Social Media	Dr Rajiv Kumar Nath, Dr Inderpreet Kaur, Dr Manmohan Singh Yadav, Dr Sandeep Kumar, Tanay Mehta
4	64	Blight Disease Detection and Severity Estimation in Crop Leaves Using Deep Learning with Grad-CAM	Karishma P, Akash Velan A, Vishal Ganapathy S, Malathi M

Session: 18
Date: 28 March, 2026
Time: 12.30 PM – 1.30 PM
Venue: BC302

Track: Explainable and Responsible AI solutions for interdisciplinary applications

SI No	Paper ID	Title	Authors
1	1037	A SHAP-Guided Approach to Bridging Interpretability and Security in Adversarial Attack Detection	Divyashree S , J Umamageswaran , Swathi J B , Prabu M
2	624	Ethnobridge : Reviving Traditional Wisdom through AI for Contemporary Wellness	Safa Shaik, Marrion Israel Abraham, N.Senthamilarasi
3	625	AI-Powered Framework for Personalized Fitness and Diet Recommendations Using Clinical Biomarkers	Veerajeewanandam V , Santhosh Perumal S , Percy Paulin J
4	956	Cyberus:AI Driven Smart Lock with Multimodal Biometric Access Control System using Raspberry Pi	Dhanika Dennis,Archita Prabhakar,Dr. Sonia Jenifer Rayen

Session: 19
Date: 28 March, 2026
Time: 12.30 PM – 1.30 PM
Venue: BC318

Track: Explainable and Responsible AI solutions for interdisciplinary applications

SI No	Paper ID	Title	Authors
1	965	Evaluating Attention as Explanation in Transformer-Based Sentiment Analysis Using Counterfactual and Stability Metrics	Nemali Ashrith Reddy, Kiran P
2	1034	Explainable Multi-Label Classification of Functional Materials Using Composition-Only Features	Sai Harsha Chitipothula, Dandu Venkata Nitish Chandra Teja, Rahul Chowdary, Kritesh Kumar Gupta
3	1123	Explainable and Responsible AI solutions for Interdisciplinary Applications	Derish Abraham, Shamini James, Binu Thomas
4	964	Identification and Mitigation of Gender Bias in Indic Languages using Adversarial Learning	Sebin Beebi Philip , Bindu K R

Session: 20
Date: 28 March, 2026
Time: 12.30 PM – 1.30 PM
Venue: BC304

Track: Explainable and Responsible AI solutions for interdisciplinary applications

SI No	Paper ID	Title	Authors
1	806	Locomotive Scheduling Optimization based on Bio-Inspired Algorithms	Adarsh Ramachandran, Dr.Swapnesh.S., Rekha.K.S.
2	209	Blockchain-Enabled Explainable Intrusion Detection System for Securing Stock Market Transactions	Malathy S, Dr.R.Anandhi
3	1144	Explainability-Guided Credit Risk Prediction Using Machine Learning Model	Rupam Bhandari, Dr.S.P.Ramya, Dr.U.Samson Ebeneazar

Session: 21
Date: 28 March, 2026
Time: 12.30 PM – 1.30 PM
Venue: BC303

Track: Advancements in Machine and Deep Learning

SI No	Paper ID	Title	Authors
1	54	Traffic Sign Image Classification Using Deep Learning	Answin Mariya, Sushitha Susan Joseph
2	259	MobileNetV2-Based Transfer Learning Framework for Real-Time Embedded Traffic Sign Recognition	Answin Mariya, Sushitha Susan Joseph
3	140	Assessment of Knee Joint Movements Using Inertial Sensors and Ensemble Machine Learning Models	Adinath R, Madhavan Bharanidivya, Samiappan Dhanalakshmi
4	1059	Comparative Analysis of Imaging and Non-Imaging Medicinal Plant Species Recognition using Machine Learning	Gaju S Chavan

Session: 22
Date: 28 March, 2026
Time: 12.30 PM – 1.30 PM
Venue: BD401

Track: Frontiers in Big Data Analytics

SI No	Paper ID	Title	Authors
1	57	Stock Price Prediction Using a Hybrid of TimeXer and FT-Transformer Models	Denitta Daison, Blessy Paul P
2	886	A Hybrid Bio-Inspired Framework for Stroke Risk Prediction: Integrating Negative Selection, Ensemble Learning, and Fuzzy Reasoning	Neena Suresh, Binu Thomas
3	1048	Mothers To Newborns: A Two Decade Analysis of Female Nutrition and Neonatal Mortality Trends Across Indian States	Ananthika Sajith, Ananya J R, Ann Rose Saji, Megha P, Vaishnavi M, Alwin Poulose
4	1095	Time and Precedence-Constrained Routing for Last-Mile Food Delivery	G. Poonthalir, Vishwajeet Bharadwaj S

Session: 23
Date: 28 March, 2026
Time: 12.30 PM – 1.30 PM
Venue: BD404

Track: Frontiers in Natural Language Processing and Image Processing

SI No	Paper ID	Title	Authors
1	29	Multimodal Video Understanding for Captioning using CLIP and Vision Transformer	Mohit Ramchandani, Dr. Priyadarshini S
2	381	Enhancing Transformer-Based Hidden Suicidal Intention Detection with Sequential Modeling and Psycholinguistic Feature Fusion	Midhun Prahash SR, Rhea Alphonsa Jose, Sam. V. George
3	445	Evaluation of Individual Hybrid Transformer Based Models for Abstractive Summarization Using BERTScore for Semantic Similarity Assessment	Bhavya Sree S , Lena Merin Viju , K. Nandhini, Jayapriya J , Vinay M
4	678	Detection of Abusive Language in Social Media	B Chaitanya Krishna, CH Poorna Chandra Rao, Rajashree, M S Roobini, Jemshia Miriam, Nafees Muneera

Session: 24
Date: 28 March, 2026
Time: 12.30 PM – 1.30 PM
Venue: BD403

Track: Frontiers in Natural Language Processing and Image Processing

SI No	Paper ID	Title	Authors
1	702	Attention-Based Visual Question Answering on Chest X-Rays for Lung Disease Detection	K Chaitanya Reddy, Kiran P
2	935	A Comparative Study of Multilingual Transformer-Based Models for Offensive Language Identification in Code-Mixed Malayalam	Christine Mary Paul, Joanna Sara Jipson, Sam Ruben Abraham , Arjun Manjunath, Dr. Balasubramanian Palani, Dr. Jobin Jose
3	760	Fuzionnet: Fuzzy-Enhanced VGG16 for Weed and Crop Classification	Dr. M. Prasannakumar, Ms.P Anusha Devi, Dr. Muthupandi M, Mr. Surendran S, Mrs. Vanitha L, M. Revathi
4	920	Feature Aggregation and Multi-Class Detection (FAMCD) Framework for Skin Cancer Classification	Ifjaz Ahmed M, Sahithy Ayyagari, Uma Maheswari M, Premaladha Jayaraman

Session: 25
Date: 28 March, 2026
Time: 12.30 PM – 1.30 PM
Venue: BD402

Track: Frontiers in Natural Language Processing and Image Processing

SI No	Paper ID	Title	Authors
1	958	Semantic Retrieval and Fine-Tuned MPNet Embeddings for Intelligent Life Insurance Policy Recommendation Systems	Charan Aravind A, V Bala Narendra Kumar, M Sairam, K Ajay Kartheek Dora, P N V Syamala Rao M
2	1018	Automated Detection and Counting of Election Campaign Posters via Deep Learning and Candidate Face Recognition	Manulal M P, Joby N J, Muhammad Anees V, Sivaiah Bellamkonda, Sonia A Joseph, Vijeesh V
3	1023	Real-Time Speech Enhancement for Dysarthria Individuals Using NLP and Deep Learning	Sambasivarao Chindam, Gobika R, Vijeyasri T , C. Oswald
4	902	AI Scribe Assistant: Voice-Controlled Exam Writing Platform for Accessible and Hands-Free Assessments	Bharath Singh J, Prithivi Rajan J, Pranesh Kishan V J, Sakthi Shri T, Vismaya A, Vivekrabinson K

Session: 26
Date: 28 March, 2026
Time: 12.30 PM – 1.30 PM
Venue: BD418

Track: Frontiers in Natural Language Processing and Image Processing

SI No	Paper ID	Title	Authors
1	1052	Offensive Language Detection on Low Resource Languages using Machine Learning and Deep Learning Models	Gopika B,Deena Anna Dilu,Siranjeevi Rajamanickam,Jobin Jose,Dr. Balasubramanian Palani
2	1083	AI-Generated Fake News Detection Using a Multimodal Approach on the MiRAGeNews Dataset	Tamil Selvan V P, Vignesh S, Siranjeevi Rajamanickam, Balasubramanian Palani
3	1127	VOSK: Voice-Assisted Multi-Lingual Smart Kiosk System	Sravan Chand, Keerthana Dhanish, Anitta Kurian, Reuben Mathew Tharakan, Lekshmi R
4	1167	Digital Meme Forensics: A Multimodal Transformer Framework for Offensive Content Detection on MultiOFF	Vignesh S, Tamil Selvan V P, Dr. Srinivasan R, Dr. Nikkath Bushra S
5	1139	Evolutionary Prompt Optimization for Large Language Models: A Multi-Task Framework	Surya Vishwanth K, Sreya N, Amrutha Varshini K, Sanjay K, Bagavathi C

Session: 27
Date: 28 March, 2026
Time: 12.30 PM – 1.30 PM
Venue: BB201

Track: Generative AI

SI No	Paper ID	Title	Authors
1	179	SemanticStyleNet: A modular framework for generating text-to-image with prompt refinement, semantic re-ranking, and neural style transfer	Abhilash T, Dr. Priyadarshini S
2	207	An LLM-Based Framework for Structured Knowledge Extraction and Summarization from Patent Documents	Gopakumar G, Sreeja M U
3	802	AI- Powered Smart Shoebox Designer with Privacy - First Personalization	Steve Alex Mathew, Sankeerth Rajesh Nair, P. Antony Seba
4	881	Improving Software Testing with RAG-Based LLMs and Supporting Indian Regional Languages	Carol Joanna Bright M, Kripaa P, Karishma S, Freida Judith I, Usama Abdur Rahman

Session: 28
Date: 28 March, 2026
Time: 12.30 PM – 1.30 PM
Venue: BB204

Track: Generative AI & Frontiers in Big Data Analytics

SI No	Paper ID	Title	Authors
1	1169	DRIFT-GAN: Distribution-Preserving Adversarial Malware Generation for Dynamic Windows Malware Detector	Avantika Gaur, Mohit Bhatt, Preeti Mishra, Vinod P.
2	1177	A Cross Spatio-Temporal Transformer Network for Weather Forecasting	Remya Paul, Dr. Cinu C Kiliroor
3	1166	OR-Tools Based Driver Scheduler for Cost Optimization With Efficient Driver Usage	Ashwathy Bhooshan, Hari V S
4	529	Vehicle Detection and Tracking Using Thermal Cameras in Adverse Visibility Conditions	Damodaran A R
5	1019	Quick AI: An AI-Powered Content Creation System Using PERN Stack	Tharikesani S, Arya Lakshmi M, Vibhooshna D M, Hobika A

Session: 29
Date: 28 March, 2026
Time: 12.30 PM – 1.30 PM
Venue: BB203

Track: Generative AI & Frontiers in Big Data Analytics

SI No	Paper ID	Title	Authors
1	613	C-Trust System for Anti Counterfeiting In Supply Chain Management using Block Chain Technology	Kopparthi Bhaskara Naga Pradeep, Dr.R. Yugha, Illa Mohan Siva Rakesh
2	667	Design and Analysis of a Low-Cost Smart Parcel Receiving System with Dual-Layer Authentication	S .N .Kumbar, Rahul J. Teradal, Radhika Kiran lohar, Muskan Abdul Latif Dhalayat, Soumya Gadag, Ganesh H Gadiwaddar
3	1146	Energy-Efficient Water Quality Monitoring Network and Cluster-Based Routing Protocols	Vivek Thomas, Alanto Noble, Shahana Sherin, Anjali S.V, Dhanya S