Track 3: Artificial Intelligence (AI), IOT and Computer Vision Enabled Technologies					
Day 1; 12th March 2026 (Thursday)					
Time of Sessions: TS-T3-S1/S2/S3/S4 (9:00 AM –11:00 AM); TS-T3-S5/S6/S7/S8 (12:00 Noon - 1:00 PM); TS-T3-S9/S10/S11/S12 (2.00 PM-3.30 PM); TS-T3-S13/S14/S15/S16 (3.30 PM-5.00 PM)					
Paper ID	Paper Title	Name of the Paper Presenter with affiliation	Name and Affiliation of all Authors	Mode of the Presentation	Session Allocated
6	Artificial Intelligence And Unemployment In Indonesia With A Panel Data Approach	Nur Azmi Karim/ Bina Nusantara University	Nur Azmi Karim (Bina Nusantara University)	Online	TS-T3-S1
69	Real-Time UPI Fraud Detection Using XGBoost with SMOTE and Feature Engineering	Mohammed Fazulul Rakheeb (Siddhartha Academy Of Higher Education)	Ramala Azzan Prashasth Raj (Siddhartha Academy Of Higher Education) Pothuri Surendra Varma (Siddhartha Academy Of Higher Education) Mohammed Fazulul Rakheeb (Siddhartha Academy Of Higher Education) Gullapalli Prabhu Kumar (Siddhartha Academy Of Higher Education)	Online	TS-T3-S1
83	Length-Sensitive Summarization: A Stratified Approach to Abstractive Text Generation	SK. Faheem Ahmed (NEC - Narasaraopeta)	1.SK. Faheem Ahmed (Dept. of CSE, NEC) 2.K.V. Narasimha Reddy (Dept. of CSE, NEC) 3. R. Nandu (Dept. of CSE, NEC) 4. K. David Shalem (Dept. of CSE, NEC) 5.Bulipe Sankara Babu (Dept. of CSE,GRIET) 6.Eragamreddy Gouthami (Dept. of EEE, GNITS)	Online	TS-T3-S1
94	RFF based Enhanced CNN Architectures for Handwritten Alphabet/Digit Recognition Using the EMNIST Dataset	Dr. Rangeet Mitra	Rangeet Mitra (CMR Institute of Technology, AECS Layout, Bengaluru-560037, India), Madhu G.C. (CMR Institute of Technology, AECS Layout, Bengaluru-560037, India), Manju V.N. (CoE Video Analytics, CMR Institute of Technology, AECS Layout, Bengaluru-560037, India), Uday Kumar Singh, Department of ECE, SR University, Warangal, Telengana, India, Peter Brida (Faculty of Electrical Engineering and Information Technology University of Zilina, Slovakia), and Vimal Bhatia (Discipline of Electrical Engineering Indian Institute of Technology Indore, Indore-453552, India)	Online	TS-T3-S1
115	EdgeYOLO-RS: A Lightweight Rotation-Aware Object Detection Framework for Remote Sensing Imagery Using YOLOv8-OBB	Asritha khajjayam(NEC-JNTUK)	1. Asritha Khajjayam(NEC-JNTUK), 2. Nandini Yandati(NEC- JNTUK), 3. Uma Bhavani Bukya(NEC-JNTUK), 4.Sireesha Moturi(NEC-JNTUK), 5.Siva Nageswara Rao Sivaratri(NEC-JNTUK), 6.Aruna Flarence(GRIET-JNTUK), 7. Madhavi Lata (GRIET-JNTUK)	Online	TS-T3-S1
182	Early Forest Fire Detection Using Enhanced YOLOv11 With Contrast and Dynamic Attention Mechanisms	Thirupati Jai Prakash (Narasaraopeta Engineering College-Narasaropet)	Thirupathi Jai Prakash (NEC), Gopavarapu Rama Krishna Prasad (NEC), Uppala Vijay Kumar (NEC), Dr. M.Jayanthi Rao(AITAM), R. P. Ram Kumar(GRIET).	Online	TS-T3-S1
201	Real-Time Accident Prevention, Detection and Alert System using Federated Learning: A Decentralized Framework for Road Safety	Mymoon Sulthana K (Kalasalingam Academy of Research and Education)	MYMOON SULTHANA K (Kalasalingam Academy of Research and Education), JAI PRAVEENA SAI J (Kalasalingam Academy of Research and Education), SAI GANKA R (Kalasalingam Academy of Research and Education), DR.K. MAHARAJAN (Kalasalingam Academy of Research and Education)	Online	TS-T3-S1
258	AI Incident Response Playbook Generator	Gauri	Mayashankar Kumar (TEC Dept. of Telecommunication Govt. Of India, Delhi, India) Shivam Sengar (School of CSE Presidency University) Sourav Mondal (School of EEE Presidency University Bangalore, Karnataka, India) Ambika Dua (Dept. of CSE Guru Tegh Bahadur Institute of Technology Delhi, India) Gauri (Dept. of CST Maharaja Agrasen Institute of Technology Delhi, India)	Online	TS-T3-S1
265	Semi-Automated Attendance System using Object Detection with YOLOv8	Mr. Sankara Narrayana S P	Mr. Sankara Narrayana S P (Amrita Vishwa Vidyapeetham), Dr. Prabu M (Amrita Vishwa Vidyapeetham)	Online	TS-T3-S1

281	Empowering IoT with Federated Learning: A Cross-Domain Survey from Healthcare to Industry	Dr. Shobhit Aggarwal (Citadel)	Shobhit Aggarwal (Citadel), Arnab Purkayastha (WNE University), Jay Tharwani (Member IEEE)	Online	**TS-T3-S1**
290	ApexCRM Copilot: A Hybrid AI Framework for Enhancing Contextual Personalization in CRM Email Automation	Kritarth Ghosh(SVKM's MPSTME Mumbai)	Ritika Iyer(SVKM's MPSTME Mumbai), Kritarth Ghosh(SVKM's MPSTME Mumbai), Shobhit Shah(SVKM's MPSTME Mumbai), Kapil Rathor(SVKM's MPSTME Mumbai)	Online	**TS-T3-S1**
300	LocoFind: A GPS-enabled platform for Local Food, Culture, Safety, and Heritage Exploration	Chandria R(Panimalar Engineering College)	Kavitha Subramanian (Panimalar Engineering College), Jackulin C(Panimalar Engineering College), Cinthuja K(Panimalar Engineering College), Ashlin Rithzia G A (Panimalar Engineering College), Aruna G (Panimalar Engineering College), Chandria R (Panimalar Engineering College)	Online	**TS-T3-S1**
303	Sensor-Driven Smart Helmet for Emergency Alerts	Dhanasri K(Panimalar Engineering College)	Jackulin C (Panimalar Engineering College), Nareshkumar R (SRM Institute of Science and Technology),Dhanasri K (Panimalar Engineering College), Abinaya S (Panimalar Engineering College),Devadharshini J(Panimalar Engineering College), Akshaya Biddala(Panimalar Engineering College)	Online	**TS-T3-S2**
320	Predicting and Identifying Low Ground Water Level Areas: A Machine Learning Approach	Challa Hoksha Santhosh Kumar(Siddhartha Academy of Higher Education,Vijayawada)	G. Anuradha (Associate Professor, Dept. of CSE, Siddhartha Academy of Higher Education, Vijayawada), A. Mrudhula (Dept. of AI&DS, Siddhartha Academy of Higher Education, Vijayawada), Ch. H. Santhosh Kumar (Dept. of AI&DS, Siddhartha Academy of Higher Education, Vijayawada), K. Manju Harini (Dept. of AI&DS, Siddhartha Academy of Higher Education, Vijayawada)	Online	**TS-T3-S2**
397	Enhancing Agricultural Productivity with Machine Learning: A Crop and Fertilizer Recommendation System	Hariom Nabira (RCOEM Nagpur)	Hariom Nabira (RCOEM Nagpur), Harsh Tiwari (RCOEM Nagpur), Mayur Kawale (RCOEM Nagpur), Mudassir Ahmed Siddiqui (RCOEM Nagpur), Dr. Khushboo Khurana (RCOEM Nagpur)	Online	**TS-T3-S2**
408	Individualized Detection of Abnormalities in Heartbeats at the Early Stage	Somesh Kumar (ABV-IIITM Gwalior)	Somesh Kumar (ABV-IIITM Gwalior)	Online	**TS-T3-S2**
458	A Robust and Interpretable Ensemble CNN Framework for Plant Leaf Disease Classification	Motupalli Sasanth (Narasaraopeta Engineering College Narasaraopeta, India,Student	1.Dr. B. Jhansi Vazram Department of CSE (AI) Narasaraopeta Engineering College Narasaraopeta, India. 2.Motupalli Sasanth Student Narasaraopeta Engineering College Narasaraopeta, India. 3.Komminedi Kiran Kumar Student Narasaraopeta Engineering College Narasaraopeta, India. 4.Kancharla Akhileswar Student Narasaraopeta Engineering College Narasaraopeta, India. 5.Dr. M.Jayanthi Rao Department of computer science and Engineering, Aditya Institute of Technology and Management (A) Tekkali, Srikakulam, Andhra Pradesh , India. 6.D Sai Niharika Department of CSE-DS, GRIET Hyderabad, Telangana, India	Online	**TS-T3-S2**
473	Artificial Intelligence in Neurodegenerative Disorders: A Case Study on Alzheimer's Disease Classification	ALOK KUMAR AGRAWAL (CHITKARA UNIVERSITY, HIMACHAL PRADESH)	Kumar Jitin (Chitkara University, Himachal Pradesh), Gagan Sharma (Chitkara University, Himachal Pradesh), Uttam Kumar Giri (Chitkara University, Himachal Pradesh), Merry Saxena (Chitkara University, Punjab), Alok Kumar Agrawal (Chitkara University, Himachal Pradesh), Gaurav Mehta (Chitkara University, Himachal Pradesh)	Online	**TS-T3-S2**
508	Efficient Ensemble Machine Learning Framework for Early prediction of Thyroid Cancer using Clinical Data	Dr.Sandeep Kumar Hegde (NMAM Institute of Technology,Nitte)	Dr.Sandeep Kumar Hegde(NMAMIT,Nitte), Dr.Rajalaxmi Hegde(NMAMIT,Nitte),Dr.Thangavel Murugan(College of Information Technology,Al Ain, Abu Dhabi)	Online	**TS-T3-S2**
509	Machine Learning based Approaches in the Education Sector to Impart the Quality among Students	Dr.Rajalaxmi Hegde ,NMAM Institute of Technology,Nitte	Dr.Rajalaxmi Hegde,(NMAMIT,Nitte),Dr.Sandeep Kumar Hegde,(NMAMIT,Nitte),Thangavel Murugan(College of Information Technology,Al Ain, Abu Dhabi)	Online	**TS-T3-S2**

515	Retinal Disease Classification Using a Multi-Stage Deep Learning Model on OCT C8 Dataset with Grad-CAM Support	BATHULA TIMOTHI (NEC Narasaraopeta)	Bathula Timothi (Narasaraopeta Engineering College), T. G. Ramnadh Babu (Narasaraopeta Engineering College), Kannekanti Teja Vardhana Chari (Narasaraopeta Engineering College), Kurra Vamsi Krishna (Narasaraopeta Engineering College), Sireesha Moturi (Narasaraopeta Engineering College), Y. Sri Lalitha (GRIET Hyderabad), Y. Sravani Devi (GNITS Hyderabad)	Online	**TS-T3-S2**
525	BERT-ViT Cross-Attention Fusion for Detecting Fake Content in Social Media	Gauri Kitukale (Bennett University, Greater Noida)	Gauri Kitukale (Bennett University, Greater Noida), Navneet Pratap Singh (Bennett University, Greater Noida), Sidharth Quamara (Bennett University, Greater Noida)	Online	**TS-T3-S2**
527	FractureNet: Hybrid YOLOv11 and Vision Transformer Framework for Micro-Fracture Detection	Rontala Manasa - Nalla Malla Reddy Engineering College, Hyderabad.	Rontala Manasa (Nalla Malla Reddy Engineering College), Kokkula Shiva Prasad (Nalla Malla Reddy Engineering College), Pothuganti Mithinesh (Nalla Malla Reddy Engineering College), Thakur Koushul Singh (Nalla Malla Reddy Engineering College), Voggu Ravi (Nalla Malla Reddy Engineering College), Muntha Raju (Nalla Malla Reddy Engineering College).	Online	**TS-T3-S2**
550	Detecting Fake Job Advertisements Using CNN, RNN, DNN, and Multilingual Transformers	Dharani Dasari(Narasaraopeta Engineering College - Student)	1.K. Sireesha Dept. of CSE(Artifical Intelligence) Narasaraopeta Engineering College Narasaraopet, India 2.Dharani Dasari Dept. of CSE(Artifical Intelligence) Narasaraopeta Engineering College Narasaraopet, India 3.Reshma Shaik Dept. of CSE(Artifical Intelligence) Narasaraopeta Engineering College Narasaraopet, India 4.Pavani Marripalli Dept. of CSE(Artifical Intelligence) Narasaraopeta Engineering College Narasaraopet, India 5.Dr. Bondala Ramakrishna Department of Mechanical Engineering Aditya Institute of Technology and Management(A) Tekkali, Srikakulam, Andhra Pradesh 532201, India 6.N. Srihitha Gunapriya Department of CSE GRIET Hyderabad, Telangana, India	Online	**TS-T3-S2**
557	An Optimized ResNet–ViT Fusion Model for Robust Diabetic Retinopathy Detection and Severity Prediction	Kathroju Shruthi (Nalla Malla Reddy Enginnering College)	Kathroju Shruthi (Nalla Malla Reddy Enginnering College), Kokkula Shiva Prasad (Nalla Malla Reddy Engineering College), Kamindla Riktesh (Nalla Malla Reddy Engineering College), Karra Mahadeva Reddy (Nalla Malla Reddy Engineering College), Jalla Varun Tej (Nalla Malla Reddy Engineering College), Muntha Raju (Nalla Malla Reddy Engineering College)	Online	**TS-T3-S3**

563	AI-Driven Personalization in the Classroom: Impacts on Intrinsic Motivation and Academic Performance	Dr. Parul Dubey Symbiosis Institute of Technology, Nagpur Campus, Symbiosis International (Deemed University), Pune, India parul.dubey@sitnagpur.siu.edu.in	Parul Dubey Symbiosis Institute of Technology, Nagpur Campus, Symbiosis International (Deemed University), Pune, India parul.dubey@sitnagpur.siu.edu.in Om Balram Sharma Department of Artificial Intelligence ASMA Institute of Management, Pune, India anshulbsharma@gmail.com Abhinesh Kumar Sahu Shri Shankaracharya Institute of Professional Management and Technology Raipur, India abhineshkrsahu@gmail.com Saurabh Mishra Shri Shankaracharya Institute of Professional Management and Technology Raipur, India saurabhyagnyawalkyvashisth@gmail.com Anshul Sharma Department of Artificial Intelligence ASMA Institute of Management, Pune, India anshulbsharma@gmail.com	Online	TS-T3-S3
572	FastText-Fused Hybrid Neural Ensemble Framework for Authenticity Verification in Tweets	Kakkera Gangotri(Narasaraopeta Engineering College -Student)	Badisa Veerabrahmam. Dept. of CSE (Artificial Intelligence) Narasaraopeta Engineering College Narasaraopet, India Kakkera Gangotri Dept. of CSE (Artificial Intelligence) Narasaraopeta Engineering College Narasaraopet, India Sarilla Jayavijaya Dept. of CSE (Artificial Intelligence) Narasaraopeta Engineering College Narasaraopet, India Avula Jyothi Dept. of CSE (Artificial Intelligence) Narasaraopeta Engineering College Narasaraopet, India Muddadu Venkatesh Department of Mechanical Engineering Aditya Institute of Technology and Management (A) Tekkali, Srikakulam, Andhra Pradesh 532201, India Dharmapuri Siri Department of CSE GRIET Hyderabad, Telangana, India	Online	TS-T3-S3
585	Leveraging Synthetic Multilingual Speech for Automatic Speech Recognition Adaptation		Nishanth Prakash(Independent Researcher), Amruta Desai(Independent Researcher)	Online	TS-T3-S3
621	Unified smart meter for Water,Gas,and Energy billing with integrated Home.	Chinmai JL	Mr. Theerthesha N O (Adichunchanagiri Institute of Technology), Navyatha Prasad (Adichunchanagiri Institute of Technology), C K Kavana (Adichunchanagiri Institute of Technology), Rakesh G R (Adichunchanagiri Institute of Technology), Chinmai J L (Adichunchanagiri Institute of Technology), Mr. Ravikumar (Adichunchanagiri Institute of Technology).	Online	TS-T3-S3
678	CONTENT-AWARE GAN FOR SELF- SUPERVISED VIDEO SUMMARIZATION	Ms. Karri Dhruthi (Dept. of CSE, Amrita Sch. of Comp, Amrita Vishwa Vidyapeetham, Chennai, India)	Ms. Karri Dhruthi (Dept. of CSE, Amrita Sch. of Comp, Amrita Vishwa Vidyapeetham, Chennai, India), Mr. Saiprashanth VS (Dept. of CSE, Amrita Sch. of Comp, Amrita Vishwa Vidyapeetham, Chennai, India), Dr. G. Anitha (Dept. of CSE, Amrita Sch. of Comp, Amrita Vishwa Vidyapeetham, Chennai, India)	Online	TS-T3-S3
700	Pixels to Purity: AI-Powered Hyperspectral Analysis for Pesticide-Free Produce	Parth Agrawal (VIT)	Parth Agrawal (VIT) Pavithra.S (VIT) Ayush Shrivastava(VIT) Yug Satishkumar Patel (VIT)	Online	TS-T3-S3
713	CropDocAI + KrushiSathi: An AI-Powered Multi-Modal Framework for Crop Disease Diagnosis & Smart Agri-Marketplace	Jayam Sogani (VIIT)	Jayam Sogani (VIIT), Saish Khandekar (VIIT), Aditya Rathod (VIIT), Atharva Khodkumbhe (VIIT), prof.Hanmant Magar(VIT), Shubhangi D kamble (VIT)	Online	TS-T3-S3

734	FedCare+: A Privacy-Focused AI System for Smart Remote Patient Monitoring with Real-Time Alerts	Delina Filkins P - St Joseph's Institute of Technology, Chennai	Delina Filkins P(St.Joseph's Institute of Technology),Baviya Shree K P (St.Joseph's Institute of Technology),J Gold Beulah Patturose (St.Joseph's Institute of Technology),R.Priscilla(St.Joseph's Institute of Technology)	Online	**TS-T3-S3**
788	Traffic Signal Control Using Reinforcement Learning	Sneha Shrigiri (VIIT, Pune), Sanika Karanjekar (VIIT, Pune), Shreya Patil (VIIT, Pune), Unnati Lunawat (VIIT, Pune)	Sneha Shrigiri (VIIT, Pune), Sanika Karanjekar (VIIT, Pune), Shreya Patil (VIIT, Pune), Riddhi R. Mirajkar (VIIT, Pune), Unnati Lunawat (VIIT, Pune), Dr. Rishikaysh Kaakandikar (SBIIMS, Pune)	Online	**TS-T3-S3**
789	Fake Currency Detection Using Image Processing and Machine Learning	Payel V L (ASE-Bengaluru)	Payel V L (ASE-Bengaluru), S L Saran Kumar (ASE-Bengaluru), Chayanam Karthik (ASE-Bengaluru), Dr. Bhavana V (ASE-Bengaluru)	Online	**TS-T3-S3**
802	MindBot: Design and Development of an Intelligent AI Chatbot for Emotional Support Systems	Mehak Gulia (NIMS University Rajasthan, Jaipur)	Priyanka Kaushik (NIMS University Rajasthan), Nagendra Kumar Lohiya (Madhav University), Gautam Rana (CGC University) Rakesh Kumar (GLA University), Mehak Gulia (NIMS University Rajasthan), Neha Guleria (Lingaya's Vidyapeeth)	Online	**TS-T3-S3**
816	Wildfire Early Detection and Risk Forecasting Using Satellite Imagery and Climate Data	Hrushikesh Kale (GHRCEM)	Aayush Joshi (GHRCEM), Hrushikesh Kale (GHRCEM), Anjali Gaur (GHRCEM)	Online	**TS-T3-S4**
822	Adversarial Deep Learning Models for Visual Image Recovery and Quality Enhancement	Prasad Babu (Ramachandra College of Engineering, Eluru)	Priyanka Kaushik (NIMS University Rajasthan), Rajendra Kumar Vairagi (Madhav University), Prasad Babu (Ramachandra College of Engineering), Anish Gupta (CGC University), Rohit Agarwal (GLA University), Bhavik Kuchipudi (Lingayas Vidyapeeth)	Online	**TS-T3-S4**
825	Design and Implementation of an Artificial Intelligence–Based System for Stock Market Prediction and Investment Insights	Anshika Tyagi (NIMS University Rajasthan, Jaipur)	Priyanka Kaushik (NIMS University Rajasthan), Jigar Soni (Madhav University) Bhawna (CGC University), Neeraj Varshney (GLA University), Anshika Tyagi (NIMS University Rajasthan) Krishan Kumar Garg (Lingaya's Vidyapeeth)	Online	**TS-T3-S4**
839	Identifying Network Traffic Patterns Associated with Ransomware Targeting Data in Transit	Vinesh Kadali (Student, Lovely Professional University – LPU)	Vinesh Kadali (LPU), Kavita Devi (LPU)	Online	**TS-T3-S4**
854	An Integrated YOLOv-11 and MiDaS-Based Approach for Depth-Aware Pothole Detection, Volume Estimation and Repair Cost Analysis	Syed Saleem (CMR Institute of Technology Bengaluru)	Bibi Annie Oommen (CMR Institute of Technology Bengaluru), Syed Saleem (CMR Institute of Technology Bengaluru), Thejas Babu R (CMR Institute of Technology Bengaluru)	Online	**TS-T3-S4**
860	Deep Learning-Based EEG Signal Classification for Enhancing Brain-Computer Interface Accuracy	yogendra Narayan (chandigarh University, Mohali)	Yogendra Narayan Chandigarh University, Mohali Punjab, India S.ANANTHI St.Joseph's college of engineering, Chennai, India Sardor Khujamqulov Fergana State Technical University, Fergana, Uzbekistan Harpreet Kaur Thind Dayananda Sagar College of engineering Deepak Juneja Panipat Institute of Engineering and Technology, Panipat. Ramandeep kaur School of Engineering and Technology, CGC University, Mohali, Punjab, India	Online	**TS-T3-S4**

861	Machine Learning Approaches for EMG Signal Classification to Predict Hand Gesture	Yogendra Narayan ECE Department Chandigarh University, Mohali Punjab, India narayan.yogendra1986@gmail.com	Yogendra Narayan Chandigarh University, Mohali Punjab, India Fayzullo Omonov Fergana State Technical University Fergana, Uzbekistan Deepak Vasant Ulape MIT College of Management, MITADT University, Pune Charul Jain Symbiosis University of Applied Sciences Indore Manu Kumari School of Engineering and Technology CGC University, Mohali, India Deepak Juneja Panipat Institute of Engineering and Technology, Panipat	Online	**TS-T3-S4**
868	Optimizing Natural Language Processing Architectures via Metaheuristic Search Strategies	Sudhakar Polasi (Ramachandra College of Engineering, Eluru)	Priyanka Kaushik (NIMS University Rajasthan), Dheer Singh (Madhav University), Sudhakar Polasi (Ramachandra College of Engineering), Priyanka Rani, (CGC University), Rahul Pradhan (GLA University), Javalkar Dinesh Kumar (Lingayas Vidyapeeth)	Online	**TS-T3-S4**
869	Robust License Plate Detection: A Survey of Methods and Systems	Sarada Busi (Ramachandra College of Engineering, Eluru)	Priyanka Kaushik (NIMS University Rajasthan), Gagan Goyal (Madhav University), Sarada Busi (Ramachandra College of Engineering), Neha Dhiman (CGC University),Neeraj Varshney (GLA University), Viraj Gadde (Lingayas Vidyapeeth)	Online	**TS-T3-S4**
870	Smart Farming Through Real-Time Deep Learning-Based Crop Intelligence and Yield Analytics	Begum Shameena (RAMACHANDRA COLLEGE OF ENGINEERING, ELURU)	Saurabh Pratap Singh Rathore (Vikrant University), Bhawesh Kumawat (Madhav University), Begum Shameena (Ramachandra College of Engineering), Chaitanya Singla (CGC University), Juginder Pal Singh (GLA University), Shailendra Singh Sikarwar (PGV College,	Online	**TS-T3-S4**
875	A Multimodal Artificial Intelligence Framework for Detecting and Analyzing Student Engagement in Online Learning Environments	Aryan Mekde (NIMS University Rajasthan, Jaipur)	Priyanka Kaushik (NIMS University Rajasthan), Afsar Ali (Madhav University), Neha Sharma (CGC University), Rohit Agarwal (GLA University), Aryan Mekde (NIMS University Rajasthan), Shailendra Singh Sikarwar (PGV College)	Online	**TS-T3-S4**
881	An Advanced Medical Image Segmentation Framework for Accurate Tumor Detection and Localization	Ketki Patel (NIMS University Rajasthan, Jaipur)	Priyanka Kaushik (NIMS University Rajasthan), Pankaj Chouhan (Madhav University), Poonam Koundal (CGC University), Mayank Srivastava (GLA University), Ketki Patel (NIMS University Rajasthan), Manasvi Chaudhary (Shri Ram College of Commerce, Delhi University)	Online	**TS-T3-S4**
882	Intelligent Systems for Early Recognition of Seismic Regime Transitions	Subrahmanyeswara Rao Seetamraju Venkata Bala(Ramachandra College of Engineering, Eluru)	Rachna Rathore (Independent Researcher), Ankur Kumar Meena (Madhav University), Subrahmanyeswara Rao Seetamraju Venkata Bala (Ramachandra College of Engineering Eluru), Mukesh Kumar (CGC University), Neeraj Gupta (GLA University), Madhuri Sharma (CHRI Campus)	Online	**TS-T3-S5**
889	An Imbalance-Aware Machine Learning Approach to Credit Card Fraud Detection Using SMOTE and AdaBoost	Payal Gosai (NIMS University Rajasthan, Jaipur)	Priyanka Kaushik (NIMS University Rajasthan), Atul Kumar Mishra (Madhav University), Anjna Kumari (CGC University), Rahul Pradhan (GLA University), Payal Gosai (NIMS University Rajasthan), Mahalakshmi Sampath (Lingaya's Vidyapeeth)	Online	**TS-T3-S5**
923	An Integrated AI Framework for Real-Time Portfolio Optimization and Algorithmic Trading Using Machine Learning and Sentiment Analysis	Pranav Lakhotia (SPIT Mumbai)	Jai Shah (SPIT Mumbai), Aparna Sangepu (SPIT Mumbai), Pranav Lakhotia (SPIT Mumbai), Aparna Halbe (SPIT Mumbai), Sachin Vijay Ranade (University of Pittsburgh)	Online	**TS-T3-S5**

933	Glaucoma Type Identification from Multiple Fundus Image Modalities Using 2D-FBSE-EWT	Dr. Pradeep Kumar Chaudhary (IIT Indore)	Author 1 Pradeep Kumar Chaudhary (IIT Indore, India), Author 2 Sujay Jain (IIT Indore, India), Author 3 Tina Damani (Choithram Netralaya, Indore, India), Author 4 Shirali Gokharu (Choithram Netralaya, Indore, India), Author 5 Ram Bilas Pachori (IIT Indore, India)	Online	**TS-T3-S5**
936	Deep Learning–Driven Plant Disease Diagnosis Using Convolutional Neural Networks	Aryan Mekde (NIMS University Rajasthan, Jaipur)	Priyanka Kaushik (NIMS University Rajasthan), Rohitash Kumar (Madhav University), Rishika Goel (CGC University), Vineeta Pandey (GLA University), Aryan Mekde (NIMS University Rajasthan), Rupak Kumar Deb (Lingaya's Vidyapeeth)	Online	**TS-T3-S5**
946	PetalNetV2: An Optimized MobileNetV2 Model for Efficient Flower Classification	Shaik Appapuram Firoz (Narasaraopeta Engineering College)	Shaik Appapuram Firoz (Narasaraopeta Engineering College), Thoka Narendra (Narasaraopeta Engineering College), Shaik Kundurthi Khasim (Narasaraopeta Engineering College), Seelam Sasidhar (Narasaraopeta Engineering College), Uppala Vijay Kumar (Narasaraopeta Engineering College), Bulipe Sankara Babu (Gokaraju Rangaraju Institute of Engineering & Technology)	Online	**TS-T3-S5**
987	Predictive Modelling of Water Quality Parameters through Machine Learning Techniques	ALOK KUMAR AGRAWAL (CHITKARA UNIVERSITY, HIMACHAL PRADESH)	Uttam Kumar Giri (Chitkara University, Himachal Pradesh), Deelip Kumar Sarangi (Kalinga University, Naya Raipur, Chhattisgarh), Laishram Bijialuxmi Devi (Chitkara University, Himachal Pradesh), Merry Saxena (Chitkara University, Punjab), Gaurav Mehta (Chitkara University, Himachal Pradesh), Alok Kumar Agrawal (Chitkara University, Himachal Pradesh)	Online	**TS-T3-S6**
996	Progressive Information Flow Non-Linear Dark Image Restoration Method	Shatakshi Saxena	Author 1: Shatakshi Saxena (Thapar Institute of Engineering and Technology) Author 2: Shivam Taneja Author 3: Kriti Singhal Author 4: Arnav Sen Author 5: Naman Chaudhary Author 6: Kartik Koul Author 7: Taanisha Jain Author 8: Suresh Raikwar	Online	**TS-T3-S6**
1004	Adversary-Aware Synchronization Framework for Entanglement-Assisted QKD: Models, Taxonomy, and Adaptive Windowing	Mr. Sanjay Kumar	Sanjay Kumar1, Dr Neeraj Kumar1,Ketan Anand1 (Department of Information Technology, Dr B R Ambedkar National Institute of Technology Jalandhar, Street, Jalandhar, 144011, Punjab, India)	Online	**TS-T3-S6**
1027	Daily Hydropower Generation Forecasting Scheme Using Satellite Climate Data, SHAP, and LightGBM Technique	AL SHAHRIAR HOSSAIN	AL SHAHRIAR HOSSAIN and Mahfuzul Hoq Chowdhury	Online	**TS-T3-S6**
1042	From Monolith to Multi-Instance A Review of Deployment Strategies for Geo-Distributed Cloud Commerce	Aparna Krishna Penumatcha (IBM)	Author 1 Aparna Krishna Penumatcha (IBM), Author 2 Akhtar Abbas Syed (IBM)	Online	**TS-T3-S6**
3765	Satellite Image Classification Using Xception Model: A Deep Learning Approach for High-Accuracy Land Cover Mapping	Gaurav Tuteja Chitkara University Institute of Engineering and Technology Chitkara University, Rajpura-140401 Punjab, India	Gaurav Tuteja (Chitkara University), Bura Vijay Kumar (SR University), Neha Sharma (CGC University), Preeti Badhani (Graphic Era University), Garima Jaitly (Graphic Era University)	Online	**TS-T3-S6**
3774	EfficientNetB5-Based Deep Learning Framework for Automated Colon Disease Detection	Gaurav Tuteja (Chitkara University)	Gaurav Tuteja (Chitkara University), Bura Vijay Kumar (SR University), Neha Sharma (CGC University), Preeti Badhani (Graphic Era Hill University), Garima Jaitly (Graphic Era (Deemed to be) University)	Online	**TS-T3-S6**
1044	Artificial Intelligence as Personalized Tutor in Regional Language	Mr. Siddhesh Suresh Mundhe (BTech Student VIIT Pune)	Mr. Siddhesh Suresh Mundhe Dr. Nilesh Sable Dr. Anuradha Yenkikar Prof. Pranjal Pandit	Online	**TS-T3-S6**
1052	Com-Analyzer: A Multi-modal Artificial Intelligence Framework for Personalized Interview Skill Assessment	Manukonda Sai Sudheer (Narasaraopeta Engineering College - Narasaraopet)	Manukonda Sai Sudheer(NEC), Devisetty Eswar Vasanth Kumar(NEC), Tatiparti Sanga Reddy(NEC), Dr. Jhansi Vazram Bolla(NEC), Dr. Azad Duppala(AITM), A. Samatha(GRIET)	Online	**TS-T3-S7**
1053	Intelligent Battery Management Architecture with IoT-Based Monitoring and Safety Control	Rohith R (SJCE Chennai)	Rohith R (SJCE Chennai), Saran Venkatesh S (SJCE Chennai), Velmurugan P (SJCE Chennai)	Online	**TS-T3-S7**
1064	Maharashtra Bhoomi-The Crop Yield Prediction System	Sachin Jadhav (MITAOE, Alandi,Pune)	Sachin Jadhav (MITAOE, Alandi,Pune), Harish Chavandke (MITAOE, Alandi, Pune), Sumit Kedar (MITAOE, Alandi, Pune), Kalyani Pardeshi (MITAOE, Alandi, Pune), Aarti Deshpande (MITAOE, Alandi, Pune)	Online	**TS-T3-S7**

1087	Deep Hybrid Vision System for Automated Clinical Grading of Diabetic Retinopathy	L Rajitha (Nalla Malla Reddy Engineering College)	N. Subhash Chandra (CVR College of Engineering), Yerram Sneha (Nalla Malla Reddy Engineering College), Lakavath Rajitha (Nalla Malla Reddy Engineering College), Nitesh Gaikwad (Nalla Narsimha Reddy Engineering College), Ashok Kumar Vootla (Trinity College of Engg and Tech), Kokkula Shiva Prasad (Nalla Malla Reddy Engineering College)	Online	**TS-T3-S7**
1088	Intelligent Hybrid Deep Learning System for Automated Retinal Disease Diagnosis	Y Sneha (Nalla Malla Reddy Engineering College)	D. Chandra Prakash (KG Reddy College of Engg and Tech), Yerram Sneha (Nalla Malla Reddy Engineering College), Nayani Sateesh (CVR College of Engineering), Bathula Balnarsaiah (Nalla Malla Reddy Engineering College), Ashok Kumar Vootla (Trinity College of Engg and Tech), Kokkula Shiva Prasad (Nalla Malla Reddy Engineering College)	Online	**TS-T3-S7**
1090	Intelligent Bank Customer Churn Prediction: An AI Ensemble Approach Using Neural Networks and TabPFN Foundation Models	Nauman Pathan (Ramrao Adik Institute of Technology,DY Patil University)	Nauman Pathan (RAIT, DY Patil University), Vishwajeet Patil (RAIT, DY Patil University), Ayushi Pahadia (RAIT, DY Patil University), Smita Bharne (RAIT, DY Patil University)	Online	**TS-T3-S7**
1100	A Comprehensive Machine Learning Framework for Demand Forecasting Based on Social, Economic, and Environmental Factors	Vijender Yadav (BITS Pilani, Pilani Campus, Rajasthan)	Vijender Yadav (BITS Pilani, Pilani Campus, Rajasthan), Chandra Shekhar (BITS Pilani, Pilani Campus, Rajasthan)	Online	**TS-T3-S8**
1121	Development of an IoT-Enabled Solar Grass Cutting Mechanism for Smart Farming	Prabhu M Assistant professor / Dept. of Mechanical Engineering JCT College of Engg and Tech Coimbatore, India	Prabhu M Assistant professor / Dept. of Mechanical Engineering JCT College of Engg and Tech Coimbatore, India, Naveen Kumar P Dept. of Mechanical Engineering JCT College of Engg and Tech Coimbatore, India, Kavin A Dept. of Mechanical Engineering JCT College of Engg and Tech Coimbatore, India, Arnold ashin A Dept. of Mechanical Engineering JCT College of Engg and Tech Coimbatore, India, Thiyagarajan S Dept. of Mechanical Engineering JCT College of Engg and Tech Coimbatore, India	Online	**TS-T3-S8**
1123	Design and Implementation of a Hybrid IoT-Enabled Solar-Powered Wheelchair and Patient Monitoring System for Physically Challenged Individuals	M. Vijayakumar Associate Prof / Dept. of Mechanical JCT College of Engg and Tech Coimbatore, India	M. Vijayakumar, Associate Prof / Dept. of Mechanical, JCT College of Engg and Tech, Coimbatore, India R. Arul, Assistant professor / Dept. of Mechanical, Dhanalakshmi Srinivasan College of Engg Coimbatore, India A. Divakar, Dept. of Mechanical Engineering, JCT College of Engg and Tech, Coimbatore, India N. Naveen, Dept. of Mechanical Engineering, JCT College of Engg and Tech ,Coimbatore, India A. Jaya Prakash, Dept. of Mechanical Engineering, JCT College of Engg and Tech, Coimbatore, India R. Mathavan, Dept. of Mechanical Engineering, JCT College of Engg and Tech, Coimbatore, India	Online	**TS-T3-S8**
1128	Prompt Enhanced Diffusion Framework for Photorealistic Virtual Try-On with Multimodal Pose and Surface Conditioning	Mr. Deeptanshu Lal	Deeptanshu Lal, Nauman Pathan, Shaunak Kundu, Smita Bharne	Online	**TS-T3-S8**
1157	SmartEduNotes:A Retrieval-Augmented Platform for Personalized Note-Taking, Revision, and Career Guidance	Shah Suraj Kumar (New Horizon College Of Engineering)	Prof.Vernika Singh (New Horizon College Of Engineering),Tarun Kumar Pradhan(New Horizon College of Engineering) , Shreya S S (New Horizon College of Engineering, Kashish Upadhayay(New Horizon College Of Engineering), Shah Suraj Kumar(New Horizon College Of Engineering)	Online	**TS-T3-S8**
1193	FMVT-AH: Federated Multi-View Vision Transformers with Diffusion-Augmented Histopathology for Breast Cancer Diagnosis	Y Sneha (Nalla Malla Reddy Engineering College)	Srinivas Pasupula (Vignana Bharathi Institute of Tech), Pulime Satyanarayana (Kommuri Pratap Reddy Institute of Tech), Rajendra Kumar Jadi (Anurag University), Yerram Sneha (Nalla Malla Reddy Engineering College), Shanti Priya (Anurag Univesity), Kokkula Shiva Prasad (Nalla Malla Reddy Engineering College)	Online	**TS-T3-S9**
1194	MMTF: Multimodal Transformer Fusion of PET and CT for Early Lung Cancer Detection and Therapy Response Prediction	K Shiva Prasad (Nalla Malla Reddy Engineering College, Hyderabad)	Pallavi Singh (BMS Institute of Technology and Management), Valaparla David (Anurag Engineering College), Yerram Priya (Sphoorthy Engineering College), Yerram Sneha (Nalla Malla Reddy Engineering College), Ashok Kumar Vootla (Trinity College of Engg and Technology), Kokkula Shiva Prasad (Nalla Malla Reddy Engineering College)	Online	**TS-T3-S9**

1195	FSVT-SL: Few-Shot Vision Transformer with Synthetic Lesion Augmentation for Robust Plant Disease Diagnosis under Field Conditions	K Shiva Prasad - Nalla Malla Reddy Engineering College, Hyderabad	Bhoomeshwara Bala (Nalla Malla Reddy Engineering College), G. Mahendraswaroop (Marri Laxman Reddy Institute of Tech and Mgmt), Bochu Ramasree (Nalla Malla Reddy Engineering College), Yerram Sneha (Nalla Malla Reddy Engineering College), G. Swapna (Anurag University), Kokkula Shiva Prasad (Nalla Malla Reddy Engineering College)	Online	**TS-T3-S9**
1174	Intelligent Binary Descriptor Generation through GA Based Dimension Selection in MPEG CDVS and LDVS for Visual Search	Vikas D. Patil (Research Scholar, Swami Ramanand Teerth Marathwada University Nanded. Maharashtra, India)	Vikas D. Patil (Research Scholar, Swami Ramanand Teerth Marathwada University Nanded. Maharashtra, India), Manesh B. Kokare (Department of Electronics & Telecommunication Engineering SGGSIE&T Vishnupuri, Nanded Maharashtra, India)	Online	**TS-T3-S8**
1207	AI Based System for Human Detection, Recognition, and Personal Data Extraction	Mr. Harshith Raj(MITE Mangalore)	Harshith Raj(MITE Mangalore), Sooraj Shetty(MITE Mangalore), Prithesh Poojary(MITE Mangalore), Raheel Shaman(MITE Mangalore), Dr Shivananda V Seeri(MITE)	Online	**TS-T3-S9**
1212	Robust Medicinal Plant Classification via Transfer Learning and Compound-Scaled EfficientNetB0 Architecture	Kannan M, Amrita School of Agricultural Sciences, Amrita Vishwa Vidyapeetham, Coimbatore, India	Kannan M, Amrita School of Agricultural Sciences, Amrita Vishwa Vidyapeetham, Coimbatore, India Prabhu M, Assistant professor / MECH, JCT College of Engg and Tech, Coimbatore, India R.Vinothkanna, Professor/ ECE, Annapoorana Engineering College, Salem, India R.Arul, Assistant professor / MECH, Dhanalakshmi Srinivasan College of Engg, Coimbatore, India Jayaprakash M, Professor/ ECE, CMS College of Engg and Tech, Coimbatore, India A.C Ramkumar, Assistant professor (SG) / MECH, Nehru Institute of Engg and Tech, Coimbatore, India	Online	**TS-T3-S9**
1214	A Defensive Mechanism Against Rubber Ducky Devices and Keystroke Injection Attacks	Subramanian R (Amrita Vishwa Vidyapeetham Chennai)	Subramanian R (Amrita Vishwa Vidyapeetham, Chennai), Udhayakumar S (Amrita Vishwa Vidyapeetham, Chennai)	Online	**TS-T3-S9**
1215	User Belief Mining Through Browsing History Analysis	Srushti Chavan (PCCOE Pune)	Sushma Vispute (PCCOE Pune) Srushti Chavan (PCCOE Pune) Vasundhara Chile (PCCOE Pune) Anusha Agarwal (PCCOE Pune)	Online	**TS-T3-S9**
1232	XAI-Enabled Audio-Visual Violence Detection Using Attention-Based Fusion	Gayathri Venugopalan(Amrita Vishwa Vidyapeetham)	Gayathri Venugopalan(Amrita Vishwa Vidyapeetham),Anagha S Menon(Amrita Vishwa Vidyapeetham),Nithya Viju(Amrita Vishwa Vidyapeetham),Lavanya P V(Amrita Vishwa Vidyapeetham),K. Namitha(Amrita Vishwa Vidyapeetham)	Online	**TS-T3-S10**
1262	System and Method for Automated Redaction of Personal Identifiable Information using Responsible AI and Computer Vision	Nowrin Begum R (St. Joseph's College of Engineering), Jazila Begum B (St. Joseph's Institute of Technology), Syed Aejaz Ahmed A (St. Joseph's College of Engineering)	Nowrin Begum R (St. Joseph's College of Engineering), Jazila Begum B (St. Joseph's Institute of Technology), Syed Aejaz Ahmed A (St. Joseph's College of Engineering), Sam V George (St. Joseph's College of Engineering)	Online	**TS-T3-S10**
1309	Generative Models for Retinal Image Synthesis: Enhancing Medical Image Analysis	Priyanka Jagya (Delhi Technological University)	PriyankaJagya(Delhi Technological University), Anukul Pandey(Delhi Technological University), Rohit Kumar(Delhi Technological University)	Online	**TS-T3-S10**
1321	Accident Hotspot Detection and Spatial Analysis	Kandagatla Sai Praneeth (SR University, Warangal)	Author 1 Suresh Kumar Mandala (Department of CS and AI, SR University, Warangal) Author 2 Neelima Gurrapu (Department of CS and AI, SR University, Warangal) Author 3 Kandagatla Sai Praneeth (Department of CS and AI, SR University, Warangal) Author 4 Musham Vikas (Department of CS and AI, SR University, Warangal) Author 5 Katkar Sanskar (Department of CS and AI, SR University, Warangal) Author 6 Thatipally Rohith (Department of CS and AI, SR University, Warangal)	Online	**TS-T3-S10**
1326	Deep Feature Fusion: A Hybrid Lightweight CNN and Transfer Learning for Micro-Expression Detection	ANSHIKA RANI (NIT SIKKIM)	ANSHIKA RANI (NIT SIKKIM), BAM BAHADUR SINHA (NIT SIKKIM)	Online	**TS-T3-S10**
1369	Deep Learning for Wildlife Monitoring: A Cross Habitat Generalized Framework for Camera Trap Image Classification	Sarthak Mangalmurthi	Sarthak Mangalmurthi, Dr. Rinisha Bagaria	Online	**TS-T3-S10**

1371	A Streamlined Deep Learning Framework for Vineyard Yield Estimation	Aisha Suleiman Shaik (Narasaraopeta Engineering College -Student)	1. P. Santhi Dept. of IT & CSE (AI) Narasaraopeta Engineering College. Narasaraopet, India 2. Aisha Suleiman Shaik Dept. of CSE (AI) Narasaraopeta Engineering College. Narasaraopet, India 3. Yemineni Meenakshi Dept. of CSE (AI) Narasaraopeta Engineering College. Narasaraopet, India 4. Kadiyala Komali Dept. of CSE (AI) Narasaraopeta Engineering College. Narasaraopet, India 5. Suman Pandipati Dept. of Mechanical Engineering, Aditya Institute of Technology and Management (A), Tekkali, Srikakulam, India 6. V. Lakshmi Dept. of CSE, GRIET, Hyderabad, Telangana, India.	Online	**TS-T3-S11**
1373	Binarization-Guided K-Means Clustering for Fingerprint Image Compression	Vimi Patel (Faculty of Engineering Sciences and Technology - Adani University)	Author 1 Vimi Patel (Faculty of Engineering Sciences and Technology , Adani University), Author 2 Dhruv Trivedi (Natural Science and Mathematics, University of Houston), Author 3 Jignesh Thaker (Faculty of Engineering Sciences and Technology , Adani University)	Online	**TS-T3-S11**
1376	Node Localization in Underwater Wireless Sensor Networks Using Machine Learning	Manni Kumar	Manni Kumar (Department of Computer Science and Engineering, Chandigarh University, Mohali, Punjab, India), Sachin Ahuja (Department of Computer Science and Engineering, Chandigarh University, Mohali, Punjab, India), Nitin Goyal (Department of Computer Science and Engineering, Central University of Haryana, Mahendergarh, Haryana, India)	Online	**TS-T3-S11**
1390	Sensor-based Portable Device for Soil Nutrients Monitoring, Communication and Intelligent Crop Recommendation System	Dr. Anamika Sharma (Thapar Institute of Engineering and Technology, Patiala, India)	Sarthak Narang (Thapar Institute of Engineering and Technology, Patiala, India), Anamika Sharma (Thapar Institute of Engineering and Technology, Patiala, India), Vishvesh Lamba (Thapar Institute of Engineering and Technology, Patiala, India), Vishvam Salwan (Thapar Institute of Engineering and Technology, Patiala, India)	Online	**TS-T3-S11**
1392	Real-Time Game Streaming Enhancement Using Deep Learning	Nirman Maitra (School of Computer Science and Engineering - Vellore Institute of Technology Vellore)	Prudhvi Teja Chittiboyina(SCOPE - VIT Vellore), Nirman Maitra (SCOPE - VIT Vellore), Karthik GM (SCOPE - VIT Vellore)	Online	**TS-T3-S11**
1393	Predicting Mental Health Help-Seeking in Tech: A Machine Learning Study	Ms. Kirti Sharma (KIET Group of Institutions Delhi-NCR, Ghaziabad, UP, India)	Kirti Sharma (KIET Group of Institutions Delhi-NCR, Ghaziabad, UP, India), Abhishek Verma (KIET Group of Institutions Delhi-NCR, Ghaziabad, UP, India), Aditya Maurya (KIET Group of Institutions Delhi-NCR, Ghaziabad, UP, India), Abhinav Singh (KIET Group of Institutions Delhi-NCR, Ghaziabad, UP, India)	Online	**TS-T3-S11**

1410	Bee Detection and Behavior Classification using YOLOv5, YOLOv7 and YOLOv8	Mr. Suhail Ahamed Nisar Shaha, Assistant Professor, NMAMIT, Nitte,	Author 1- Jason Elroy Martis Nitte (Deemed to be University) NMAM Institute of Technology (NMAMIT) Dept of Information Science & Engineering Nitte, India, Author 2-Suhail Ahamed Nisar Shaha Nitte (Deemed to be University) NMAM Institute of Technology (NMAMIT) Dept of Computer Science & Engineering Nitte, India shaha.suhail@nitte.edu.in Author3- Shreesha Nitte (Deemed to be University) NMAM Institute of Technology (NMAMIT) Dept of Information Science & Engineering Nitte, India shreeshaofficial287@gmail.com Author 4- Riyaz Ahmed Nitte (Deemed to be University) NMAM Institute of Technology (NMAMIT) Dept of Information Science & Engineering Nitte, India riyaz248.ahmed04@gmail.com Author 5- Shrisha SK Nitte (Deemed to be University) NMAM Institute of Technology (NMAMIT) Dept of Information Science & Engineering Nitte, India	Online	**TS-T3-S11**
1412	A Unified Natural Language Processing Framework for Hate Speech and Fake News Detection on Social Media	Hemanth N (Dayananda Sagar University)	Author 1- Hemanth N (Dayananda Sagar University), Author 2- L Lohith (Dayananda Sagar University), Author 3- J Haswin (Dayananda Sagar University), Author 4- G Sujan Sai (Dayananda Sagar University), Author 5- Abdul Haq Nalband (Dayananda Sagar University), Author 6- Trupthi Rao (Dayananda Sagar University)	Online	**TS-T3-S12**
1414	Assessing Lane Detection Robustness: A Comparative Analysis on Generalization	Micheal Berdinanth M (Sri Sivasubramaniya Nadar College of Engineering, Chennai)	Author 1: Dr. Nilu R. Salim Department of CSE Sri Sivasubramaniya Nadar College of Engineering Chennai Author 2: Micheal Berdinanth M Department of CSE Sri Sivasubramaniya Nadar College of Engineering Chennai	Online	**TS-T3-S12**
1429	Dynamic Sign Language Identification Using MediaPipe Landmarks and Random Forest Classifier	Ms. Ananya Amin(Student, Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal)	Ms. Ananya Amin (SMVITM, Bantakal), Ms. Amritha UR (SMVITM, Bantakal), Ms. Panchami Pai (SMVITM, Bantakal), Ms. Vishrutha (SMVITM, Bantakal), Dr. Shrivatsa TV (SMVITM, Bantakal)	Online	**TS-T3-S12**
1430	A Unified Spatio-Temporal Framework for Anomaly Detection in Surveillance Video	P. Sreeram Rohith(Amrita Vishwa Vidyapeetham, Chennai)	P. Sreeram Rohith(Amrita Vishwa Vidyapeetham, Chennai), A.V.K Sai Surya(Amrita Vishwa Vidyapeetham, Chennai), G. Anitha(Amrita Vishwa Vidyapeetham, Chennai), Harshith Kolaparthi(Kalasalingam University)	Online	**TS-T3-S12**
1432	Panopticon: A Distributed Observability Framework for Debugging Large Language Model Pipelines		Author 1 Harshit Mandada (Oracle)	Online	**TS-T3-S12**
1441	Sequential to Spectral: A Comprehensive Review of Hybrid Deep Learning for Nonstationary Financial Forecasting	Adarsh Uniyal (NIT Sikkim)	Adarsh Uniyal (NIT Sikkim) and Bam Bahadur Sinha (NIT Sikkim)	Online	**TS-T3-S12**
1448	Relai – AI for Disaster Response and Relief Using Random Forest Regression for Faster Response and Alerting	Mohith Mohan	Mohith Mohan (Dayananda Sagar University), Mokshitha Garapati (Dayananda Sagar University), Gowtham Y K (Dayananda Sagar University), Manoranjan S(Dayananda Sagar University), Abdul Haq Nalband (Dayananda Sagar University), Bahubali Shriragapur(Dayananda Sagar University)	Online	**TS-T3-S12**
1476	Coverage Enhancement Mechanism for WSNs Based on Improved Ant Lion Optimizer and Hungarian Algorithm	Saurabh Kumar Srivastava (IIT-BHU)	Saurabh Kumar Srivastava (IIT-BHU), Shaik Wasim Akram (IIT-BHU), Prasenjit Chanak (IIT-BHU)	Online	**TS-T3-S13**
1478	STAnomalyNet: Spatio-Temporal Traffic Anomaly Detection with ConvLSTM	Saketh SudhirKumar KrishnaPai (Amrita Vishwa Vidyapeetham Amritapuri)	Priti Gupta (Amrita Vishwa Vidyapeetham Amritapuri), Saketh SudhirKumar KrishnaPai (Amrita Vishwa Vidyapeetham Amritapuri), Gadha S Menon (Amrita Vishwa Vidyapeetham Amritapuri), Ngotho Elizabeth Wanza (Amrita Vishwa Vidyapeetham Amritapuri), K Namitha (Amrita Vishwa Vidyapeetham Amritapuri)	Online	**TS-T3-S13**

1483	Depth Estimation For Autonomous Driverless Vehicles In Industrial Intralogistics	Keerthi Vandakudari	Author 1 : Keerthi Vandakudari , Author 2: Jayalaxmi G. Nargund , Author 3 : Vishwanath P. Baligar	Online	TS-T3-S13
1493	Ambulance Siren Detection using Audio Classification through Deep Learning Models	Gowri Shankar A B (Amrita School of Engineering, Coimbatore)	Gowri Shankar A B (ASE, Coimbatore), Karthick B (ASE, Coimbatore), Nivas G (ASE, Coimbatore), Ganesan M (ASE, Coimbatore)	Online	TS-T3-S13
1509	Computer Vision-Driven Navigation and Decision Making in Autonomous Industrial Vehicles	TaranpreetSingh Rababi (KLE Technological University)	TaranpreetSingh Rababi(KLE Technological University), Jayalaxmi G N (KLE Technological University), Shreya Hiremath (KLE Technological University), Keerthi Vandakudari (KLE Technological University), Umesh Rudrapatna (Gridflow Technologies pvt ltd), Vishwanath P Baligar (KLE Technological University)	Online	TS-T3-S13
1513	LLM-Boosted Graph Contrastive Learning for Cold-Start Cross-Domain Recommendation	CHANDAN GAUTAM (NIT SIKKIM)	CHANDAN GAUTAM (NIT SIKKIM), BAM BAHADUR SINHA (NIT SIKKIM)	Online	TS-T3-S13
1526	Contamination Detection in Highly Cluttered Waste Scenes Using Trash Net Dataset and YOLOv8-Based Computer Vision Models	Syed Asadullah (Narasaraopeta Engineering College)	Syed Asadullah (NEC), Dr. B. Jhansi Vazram (NEC), Shyamala Nikith Veera Reddy (NEC), Akula Rakesh Gangadhar Rao (NEC).	Online	TS-T3-S13
1532	A Hybrid ASPP-Integrated CNN for Robust Brain Tumor Detection	S.Shanjeevini (Amrita Vishwa Vidhyapeetham,Coimbatore); R.Dharshini (Amrita Vishwa Vidhyapeetham,Coimbatore)	S.Shanjeevini (Amrita Vishwa Vidhyapeetham,Coimbatore); R.Dharshini (Amrita Vishwa Vidhyapeetham,Coimbatore); M.Thilaga (Amrita Vishwa Vidhyapeetham,Coimbatore);M.Lakshmi Ranjanaa (Amrita Vishwa Vidhyapeetham,Coimbatore); K.Srihan (Amrita Vishwa Vidhyapeetham,Coimbatore); S.Darshan (Amrita Vishwa Vidhyapeetham,Coimbatore)	Online	TS-T3-S14
1536	PhishCrawl and DeepTrace: A Distributed and Explainable Framework for Cyber Threat Detection	Gadha Saji Menon (Amrita Vishwa Vidyapeetham Amritapuri)	Gadha Saji Menon (Amrita Vishwa Vidyapeetham Amritapuri), Jyothika T Manoj (Amrita Vishwa Vidyapeetham Amritapuri), Pranav Krishna S (Amrita Vishwa Vidyapeetham Amritapuri), Dr. Nimmy K (Amrita Vishwa Vidyapeetham Amritapuri)	Online	TS-T3-S14
1564	Multimodal FactCheckNet on Low Resource Social Media Data	Vani Malagar (Thapar Institute of Engineering and Technology)	Vani Malagar (Thapar Institute of Engineering and Technology), Dr. Shailendra Tiwari (Thapar Institute of Engineering and Technology) and Dr. Aditi Sharma (Thapar Institute of Engineering and Technology)	Online	TS-T3-S14
1566	SBOM-AI: An Explainable ML Framework for High-Risk Component Prioritization in Software Supply Chains	Akshitha Segireddy (MLR Institute of Technology)	Akshitha Segireddy (MLR Institute of Technology)	Online	TS-T3-S14
1578	Green Adaptive Learning: Energy-Efficient Online Classification of Page Hotness	Devapriya Sreehari, Department of Electronics and Communication Engineering, Amrita School of Engineering, Amrita Vishwa Vidyapeetham, Amritapuri, Kerala, India	1.Devapriya Sreehari (Department of Electronics and Communication Engineering, Amrita School of Engineering, Amrita Vishwa Vidyapeetham, Amritapuri, Kerala, India) 2.Neha Krishna Vinod (Department of Electronics and Communication Engineering, Amrita School of Engineering, Amrita Vishwa Vidyapeetham, Amritapuri, Kerala, India) 3.Dr. Rajesh Kannan Megalingam (Humanitarian Technology (HuT) Labs, Department of Electronics and Communication Engineering, Amrita Vishwa Vidyapeetham, Amritapuri, India)	Online	TS-T3-S14
1587	SONAR: A Hybrid Explainable Emotion-Aware Music Recommendation Framework	Harinarayanan U (Amrita School of Computing, Amrita Vishwa Vidyapeetham, Amritapuri, India)	Harinarayanan U (Amrita School of Computing, Amrita Vishwa Vidyapeetham, Amritapuri, India), Oneesa Faizal (Amrita School of Computing, Amrita Vishwa Vidyapeetham, Amritapuri, India), Juben George John (Amrita School of Computing, Amrita Vishwa Vidyapeetham, Amritapuri, India), Akash JP (Amrita School of Computing, Amrita Vishwa Vidyapeetham, Amritapuri, India), K. Namitha (Amrita School of Computing, Amrita Vishwa Vidyapeetham, Amritapuri, India)	Online	TS-T3-S14
1614	A Novel Hybrid Framework for Jet Engine Predictive Maintenance	Mr. Aniruddha Bhattacharjee (VIT Bhopal University), Mr. Devarsh Shah (VIT Bhopal University)	Mr. Aniruddha Bhattacharjee (VIT Bhopal University), Mr. Devarsh Shah (VIT Bhopal University), Dr. Vipin Jain (VIT Bhopal University)	Online	TS-T3-S14
1690	Evaluating Contour Segmentation Models for Chard in a Resource-Limited		Fatima Martinez (UCSA), James Romaine (ULA), Princy Johnson (LJMU), Adrian Cardona (US).	Online	TS-T3-S15
1697	ML-Guided Cache Replacement: A Python Simulation Study	Mr. Kowshik M R (Amrita Vishwa Vidyapeetham)	Kowshik M R (Dept. Electronics and Communication, Amrita Vishwa Vidyapeetham), Sanjay Balan M P (Dept. Electronics and Communication, Amrita Vishwa Vidyapeetham), Dr. Rajesh Kannan Megalingam (Humanitarian Technology (HuT) Labs, Dept. Electronics and Communication, Amrita Vishwa Vidyapeetham)	Online	TS-T3-S15
1701	VehicleTracker: A Real-Time ALPR System for Multi-Point Vehicle Tracking	Ishwar Tilkari (GHRCEM, Pune)	Ishwar Tilkari (GHRCEM, Pune), Anuj Sarda (GHRCEM, Pune), Krishna Deokar (GHRCEM, Pune), Nirmalya Mukhopadhyay (GHRCEM, Pune), Kunal Kundu (GHRCEM, Pune)	Online	TS-T3-S15

1741	QAM-DEN: A Quality-Adaptive Multi-Centroid Distilled Embedding Network for Face Recognition Systems	Nirujogi Sai Jayanth	Author1.Intha Madhav Reddy (Amrita School of Computing, Amrita Vishwa Vidyapeetham, Amritapuri, India), Author2.Nirujogi Sai Jayanth (Amrita School of Computing, Amrita Vishwa Vidyapeetham, Amritapuri, India), Author3.K. Namitha (Amrita School of Computing, Amrita Vishwa Vidyapeetham, Amritapuri, India)	Online	TS-T3-S15
1745	End-to-End Behavioral Cloning with Throttle and Speed Fusion: A Multi-Modal Approach Using Udacity Jungle and Lake Tracks	Barshan Mondal, Department of Electronics and Communication Engineering, Amrita School of Engineering, Amrita Vishwa Vidyapeetham, Amritapuri, India	Kartikey Singh Department of Electronics and Communication Engineering Amrita School of Engineering Amrita Vishwa Vidyapeetham, Amritapuri, India; Barshan Mondal Department of Electronics and Communication Engineering Amrita School of Engineering Amrita Vishwa Vidyapeetham, Amritapuri, India ; Krishnan V Namboothiri Department of Electronics and Communication Engineering Amrita School of Engineering Amrita Vishwa Vidyapeetham, Amritapuri, India; Namitha K Department of Computer Science and Engineering Amrita School of Computing Amrita Vishwa Vidyapeetham, Amritapuri, India	Online	TS-T3-S15
1847	Quantum-Resistant Blockchain: Evaluating Falcon, Dilithium & SPHINCS+	Rajkumar R (Amrita School of Artificial Intelligence ,Amrita Vishwa Vidyapeetham Coimbatore, India) , Harish K (Amrita School of Artificial Intelligence ,Amrita Vishwa Vidyapeetham Coimbatore, India) , Suman Maitreya M (Amrita School of Artificial Intelligence ,Amrita Vishwa Vidyapeetham Coimbatore, India) , GRS Kartheek (Amrita School of Artificial Intelligence, Amrita Vishwa Vidyapeetham Coimbatore, India)	Rajkumar R (Amrita School of Artificial Intelligence ,Amrita Vishwa Vidyapeetham Coimbatore, India) , Harish K (Amrita School of Artificial Intelligence ,Amrita Vishwa Vidyapeetham Coimbatore, India) , Suman Maitreya M (Amrita School of Artificial Intelligence ,Amrita Vishwa Vidyapeetham Coimbatore, India) , GRS Kartheek (Amrita School of Artificial Intelligence, Amrita Vishwa Vidyapeetham Coimbatore, India) , Dr. S. Manimaran (Amrita School of Artificial Intelligence, Amrita Vishwa Vidyapeetham Coimbatore, India)	Online	TS-T3-S15
1878	Real-Time Analysis of Thermal Hotspot Detection Using Multi-Feature Extraction and Enhanced Graph-Based Selection	Mrs. Rohini Wghmare(Dr. DY Patil deemed to be University)	Rohini Waghmare1, Dhiraj Magare 2 Ashwini Raorane 3 1Department of Electronics Engineering Ramrao Adik Institute of Technology, Nerul rohiniswaghmare@gmail.com 2Department of Electronics and Communication Engineering Ramrao Adik Institute of Technology, Nerul dhiraj.magare@rait.ac.in 3Department of Computer science Engineering Ramrao Adik Institute of Technology, Nerul ashwini.raorane@rait.ac.in	Online	TS-T3-S15
1885	Privacy-Preserving Federated Cyberbullying Detection Using Emotional and Semantic Feature Fusion	Mathav Ra (Kongu Engineering College)	Dr. K. Nirmala Devi (Madanapalle Institute of Technology & Science), Ms. A. Kiruthika (Kongu Engineering College), Bavyadharshini R (Kongu Engineering College), Mathav Ra (Kongu Engineering College)	Online	TS-T3-S16
1950	Dual-Head Lightweight ResNet Framework for Brain Tumor Segmentation and Multi-Class Diagnosis	Dr. Diptadip Maiti (MCKV Institute of Engineering)	Dr. Diptadip Maiti (MCKV Institute of Engineering), Madhuchhanda Basak (Techno International New Town)	Online	TS-T3-S16
1972	Physics-Based AR Framework for Realistic and Interactive Home Furnishing Visualization	Neha Gode (Sardar Patel Institute of Technology)	Anshuman Dhara (Sardar Patel Institute of Technology), Neha Gode (Sardar Patel Institute of Technology), Gitanjali Gangurde (Sardar Patel Institute of Technology), Dr. Anant V. Nimkar(Sardar Patel Institute of Technology)	Online	TS-T3-S16
2038	An Attention-Guided RFCN Framework for False-Positive Reduction in Lung Nodule Detection	Mallepula Sai Teja Goud(Vardhaman College of Engineering, Hyderabad, India)	Mallepula Sai Teja Goud(Vardhaman College of Engineering, Hyderabad, India), Sabbu Jagan (Vardhaman College of Engineering, Hyderabad, India), Askani Harish Sagar (Vardhaman College of Engineering, Hyderabad, India), Mukta Jagdish (Vardhaman College of Engineering, Hyderabad, India)	Online	TS-T3-S16
2059	Handling Data Imbalance and Feature Selection to Enhance Early Parkinson's Disease Diagnosis	Kalepalli Ranga Naga Sai Srinivas Gupta	Kalepalli Ranga Naga Sai Srinivas Gupta (SRM University AP), Kunapareddy Jashwanth (SRM University AP), Epuri Aaron Tony (SRM University AP), Harsha Vardhan Chennamsetti (SRM University AP), Sumalatha Saleti (SRM University AP)	Online	TS-T3-S16

2080	Multi-tier Federated Learning Architecture for Intrusion Detection	Ms. Jasmin Sultana (NIT Agartala)	Ms. Jasmin Sultana (NIT Agartala), Ms. Priyanka Biswas (NIT Agartala), Dr. Nirmalya Kar (NIT Agartala)	Online	TS-T3-S16
3036	Privacy-Preserving Brain Tumor Classification Using Federated Learning With Differential Privacy and Secure Aggregation	Roshan Kumar Gupta (Krishna Institute of Engineering & Technology (KIET), Ghaziabad, Delhi-NCR, Uttar Pradesh, India)	Roshan Kumar Gupta (Krishna Institute of Engineering & Technology (KIET), Ghaziabad, Delhi-NCR, Uttar Pradesh, India) , Tarsh Vaibhav (Krishna Institute of Engineering & Technology (KIET), Ghaziabad, Delhi-NCR, Uttar Pradesh, India)	Online	TS-T3-S16
2231	Automated Vehicle Physical Signature Extraction: A Unified Framework for Multi-Attribute Vehicle Identification	N.Rohit Prasanna (Amrita Vishwa Vidyapeetham Chennai)	N Rohit Prasanna (Amrita Vishwa Vidyapeetham Chennai Campus), G Vikram Nethesh (Amrita Vishwa Vidyapeetham Chennai Campus), M Prabu (Amrita Vishwa Vidyapeetham Chennai Campus)	Online	TS-T3-S16

Day 2; 13th March 2026 (Friday)

Time of Sessions: TS-T3-S17/S18/S19/S20 (9:00 AM –10:30 AM); TS-T3-21/S22/S23/S24 (2:30 PM - 4:00 PM); TS-T3-S25/S26/S27/S28 (5.00 PM-6.30 PM)

1918	Spatio-Temporal predictions of Rainfall Patterns Using Integrated Geospatial Data	Dr. R. Satya Rajendra Singh (Amrita Vishwa Vidyapeetham)	Dr. R. Satya Rajendra Singh (Amrita Vishwa Vidyapeetham, Amaravati, India) Bh Pavan Surya Madhav (Amrita Vishwa Vidyapeetham, Amaravati, India) M Sravya Sarvagna (Amrita Vishwa Vidyapeetham, Amaravati, India) Yashaswini Rao (Amrita Vishwa Vidyapeetham, Amaravati, India)	Offline	TS-T3-S17
2738	Deep Learning-Based Biomechanical Analysis of Safe and Fall Conditions in Squat Jumps Using Force Plate Data	Dr. Vijay Bhaskar Semwal	Vijay Bhaskar Semwal (Maulana Azad National Institute of Technology (MANIT) India), Youngshik Kim (Hanbat National University, Daejeon, South Korea), Vishwanath Bijalwan(Amity University Punjab, Mohali, India), Anchit Bijalwan(British University Vietnam)	Offline	TS-T3-S17
3135	AquaPulse: Harnessing AIoT for Sustainable Smart Aquaculture in India	Vikas Kumar Tiwari (Indian Institute of Information Technology Lucknow CG City 226002)	Vikas Kumar Tiwari (IIIT Lucknow),Dr. Varun Sharma (IIIT Lucknow) Dr. Rahul Kumar Verma (IIIT Lucknow) Dr.Saurabh Shukla (IIIT Lucknow) Dr. Neelu (IIM RANCHI) Nidhi Chauhan (IIIT Lucknow)	Offline	TS-T3-S17
3323	Graph Based Reciprocal Recommender System using the Speed Dating	MR. PRATEEK PANDEY (MNNIT ALLAHABAD, PRAYAGRAJ)	MR. PRATEEK PANDEY (MNNIT ALLAHABAD, PRAYAGRAJ), DR. PRAGYA DWIVEDI (MNNIT ALLAHABAD, PRAYAGRAJ)	Offline	TS-T3-S17
3684	Explainable AI based DL Framework for Brain Tumor discovery, Classification Using DenseNet-121 and Grad-CAM	Dr Matan P (Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai)	C Alamelu (Amrita Vishwa Vidyapeetham, Chennai), Dr Matan P (Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai), Krishna Priya K (Independent Researcher)	Offline	TS-T3-S17
3802	Deep Learning-Based Direction Prediction: A Comparative Study of Neural Architectures on XAU/USD 30-Minute Data with Win-Big-Lose-Small Strategy	Ankit Kumar Singh (C.V. Raman Global University, Bhubaneswar)	Author 1. Ankit Kumar Singh C.V. Raman Global University, Bhubaneswar Author 2. Dr. Ram Chandra Barik C.V. Raman Global University, Bhubaneswar Author 3. Niranjan Behera GCE Kalahandi, Bhawanipatna Author 4. Surendra Kumar Panda Code Dais Software and Research Pvt. Ltd., Bhubaneswar	Offline	TS-T3-S17
4655	CFO Estimation for OFDM-Based Wireless Communication Systems Under Impulsive Noise	Shivansh Rai (Department of Information Technology, ABV-IIITM Gwalior)	Shivansh Rai (Department of Information Technology, ABV-IIITM Gwalior), Sandesh Jain (Electrical and Electronics Engineering Department), Mahesh Shamrao Chaudhari (Thapar Institute of Engineering and Technology, Patiala), and Poornima Singh Thakur (Department of Information Technology, ABV-IIITM Gwalior)	Offline	TS-T3-S17
2236	Token-Free Modeling for Hinglish NLP: A Noise-Robust Benchmark Using Byte and Character-Level Models	Yuvraj Arora(Amity University Punjab)	Yuvraj Arora(Amity University Punjab, Mohali, India), Vishwanath Bijalwan(Amity University Punjab, Mohali, India), Gurpreet Singh (Amity University Punjab, Mohali, India)	Online	TS-T3-S18
2241	DrawBench: A Benchmark for High-Level Intent Multi-Format Creative Outputs	Anshu Raj (Founder/CEO Drawify)	Anshu Raj (Drawify)	Online	TS-T3-S18
2249	Smart Music Recommendation System using both Facial Expressions and Voice Pitch Analysis	Mr Deva Vignan Muddammagari	Mr Deva Vignan Muddammagari ,Mr Meganath Lova Sudheer Barre	Online	TS-T3-S18
2254	A Hybrid Machine Learning Approach for Fraud Prevention and Health Insurance Claim Verification	Talari Srinivasa Rao (SAHE, Vijayawada)	Talari Srinivasa Rao (SAHE, Vijayawada), Janapati Malathi (SAHE, Vijayawada), Myneedi Chetan Viswa Kumar (SAHE, Vijayawada), Shaik Mujahid (SAHE, Vijayawada)	Online	TS-T3-S18
2261	Posture Classification using a Hybrid Deep Learning Model	Geniets M George (CHRIST University, Bangalore)	Geniets M George (CHRIST University), Dr. Ummesalma M (CHRIST University), Dr. Ruchi Singh Parihar (CHRIST University)	Online	TS-T3-S18

2275	Confusion and Diffusion Reinforced Image Encryption with Henon-Osprey Optimization	Dr. Ashima Anand (Thapar Institute of Engineering and Technology, Patiala)	Roopkamal K. Thind (Thapar Institute of Engineering and Technology, Patiala), Ashima Anand (Thapar Institute of Engineering and Technology, Patiala), Anamika Sharma (Thapar Institute of Engineering and Technology, Patiala)	Online	TS-T3-S18
2284	YOLOV8-NANO DRIVEN FOOT STAMPEDE PREDICTION WITH HOMOGRAPHY MAPPING	Chittidi Gowtham Sri Satya(Amrita Vishwa Vidhyapeetham)	Dr. J Umamageswaran(Amrita Vishwa Vidyapeetham), Chittidi Gowtham Sri Satya(Amrita Vishwa Vidyapeetham), Challa Karthik Reddy(Amrita Vishwa Vidyapeetham)	Online	TS-T3-S18
2296	Z-Secure: Chaos-Enhanced Facial Biometric Key Generation for Secure Image Encryption with Anti-Spoofing Protection and Multi-Modal Liveness Detection	Subhashis Ghosh(C.V. Raman Global University Bhubaneswar)	Subhashis Ghosh(C.V. Raman Global University), Ipsita Giri(C.V. Raman Global University), Shubhjeet Khan(C.V. Raman Global University), Gourishankar Mohapatra(C.V. Raman Global University), Sampa Sahoo(C.V. Raman Global University)	Online	TS-T3-S19
2430	Soft Actor–Critic-based Reinforcement Learning with YOLOv8 for Hydrothermal Plume Detection	M. K. Guruprasad (Amrita Vishwa Vidyapeetham, Amaravati)	M. K. Guruprasad (Amrita Vishwa Vidyapeetham, Amaravati), Yashasvi Uppala (Amrita Vishwa Vidyapeetham, Amaravati), Siva Dinesh Vemula (Amrita Vishwa Vidyapeetham, Amaravati), Dr. Ravishankar Prakash Desai (Amrita Vishwa Vidyapeetham, Amaravati)	Online	TS-T3-S19
2460	Detection of Brain Tumor from Medical Images Using Deep Learning Model	Er. Kartik Parihar(Research Scholar)	Author 1 -Kartik Parihar(Research Scholar) Author 2 -Dr. Sandeep Singh Kang(Professor) Author 3-Dr. Suresh Kaswan(Professor)	Online	TS-T3-S19
2478	Bio-Inspired Variance Control: Decoupling Signaling Mode from Power Constraints in Neuromorphic Systems	Dr. Rakesh Sengupta (Krea University)	Dr. Rakesh Sengupta (Krea University)	Online	TS-T3-S19
2509	A Dual-Purpose Interpretable Ensemble Framework of Fraud Stratification and Credit Risk	Suresh Kumar G (Kalasalingam Academy of Research and Education, Srivilliputhur)	Sujitha S (Kalasalingam Academy of Research and Education, Srivilliputhur), Suresh Kumar G (Kalasalingam Academy of Research and Education, Srivilliputhur), R Mohan Ram Kumar (Kalasalingam Academy of Research and Education, Srivilliputhur), Nithish Raj K (Kalasalingam Academy of Research and Education, Srivilliputhur), Elambarathi E (Kalasalingam Academy of Research and Education, Srivilliputhur)	Online	TS-T3-S19
2538	Mitigation of Black Hole and Gray Hole Attacks in MANETs using IoT-Assisted RF Sensing with DNN and Reinforcement Learning	Nidumukkala Bharathi, Research scholar,Lovely Professional University,Punjab,India	Author1 :Nidumukkala Bharathi, Research scholar,Lovely Professional University,Punjab,India. Author2 :Dr.Parvinder Singh, Associate Professor,Lovely Professional University,Punjab,India. Author3:Dr. Vishal Walia,Registrar Gurunanak University,Hyderabad,Telangana,India.	Online	TS-T3-S19
2552	A Machine Learning-based Traffic Prediction Framework for Smart Cities	Chetan Ghadi (SPIT), Akanksha Hake (SPIT), Sara Khare (SPIT)	Chetan Ghadi (SPIT), Akanksha Hake (SPIT), Sara Khare (SPIT), Harshil Kanakia (SPIT), Renuka Pawar (SPIT)	Online	TS-T3-S19
2555	Speech Emotion Recognition using Deep learning by hybridizing CNN-BiLSTM and attention mechanism	Muni Rangadu K (School of Computer Science and Engineering, VIT-AP University, Amaravati, Andhra Pradesh)	Muni Rangadu K (School of Computer Science and Engineering, VIT-AP University, Amaravati, Andhra Pradesh), Reddi Sekhar M (School of Computer Science and Engineering, VIT-AP University, Amaravati, Andhra Pradesh), Anjali K (School of Computer Science and Engineering, VIT-AP University, Amaravati, Andhra Pradesh), Ngangbam Indrason (School of Computer Science and Engineering, VIT-AP University, Amaravati, Andhra Pradesh)	Online	TS-T3-S20
2557	Explainable Decision level Ensemble Framework for Image Steganalysis	DS Deshkar(Dept of Computer Science and Engineering Defence Institute of Advanced Technology Pune,India)	DS Deshkar(Dept of Computer Science and Engineering Defence Institute of Advanced Technology Pune,India) Sunita V. Dhavale(Dept of Computer Science and Engineering Defence Institute of Advanced Technology Pune,India) Rajendra S. Deodhar (Armament R&D Establishment Pashan Pune, India)	Online	TS-T3-S20
2565	Few-Shot Urgency Classification of Crisis Tweets via Multi-View Feature Learning	Renimol S(Department of Data Science and Cyber Security,Karunya University)	Renimol S(Department of Data Science and Cyber Security,Karunya University), Dr. Nirmal Varghese Babu P(Department of Data Science and Cyber Security,Karunya University),J. S Rajkumar(Artificial Intelligence & Machine Learning,Karunya University)	Online	TS-T3-S20

2631	Cross-Institutional Federated Learning System for Secure AI-Driven English Essay Evaluation	Sreela B (Prathyusha Engineering College Thiruvallur, India)	P. Santhosh (VISTAS, Chennai), Hussain Basha G (B. S Abdur Rahman Crescent Institute of Science and Technology, Chennai, India), Hari Priyaa. A. S (B. S. Abdur Rahman Crescent Institute of Science and Technology, Chennai, India), S. Vijayakumar (B. S. Abdur Rahman Crescent Institute of Science and Technology, Chennai, India), N. Sheik Hameed (B. S. Abdur Rahman Crescent Institute of Science and Technology, Chennai, India), Sreela B (Prathyusha Engineering College Thiruvallur, India)	Online	TS-T3-S20
2649	Edge-AI-Powered IoT System for Real-Time Water Quality Monitoring and Intelligent Aquatic Environment Assessment	Dr. Vijay Bhaskar Semwal (MANIT Bhopal)	Arpita Mahajan (MANIT Bhopal JRF), Jyoti Singhai (MANIT Bhopal), Vijay Bhaskar Semwal (MANIT Bhopal), Rekha Kaushik(IIIT Bhopal)	Online	TS-T3-S20
2688	Comparative Evaluation of Embedding Representations for Financial News Sentiment Analysis	Joyjit Roy (Independent Researcher, USA)	Joyjit Roy (Independent Researcher, USA)	Online	TS-T3-S20
2696	Tuple-Indexed Labeling: In-Place Structures for Scalable Graph Metadata		Uday Kumar Gannu(Eastern illinois University)	Online	TS-T3-S20
2698	Edge-scale Coranking: Azure-ready Dataset Ranking with DevOps Discipline		Uday Kumar Gannu(Eastern Illinois University)	Online	TS-T3-S21
2713	Semantic Segmentation of Drone Orthophoto Images	Nikhileswar Reddy (Department of Computer Science and Engineering Amrita School of Computing, Amrita Vishwa Vidyapeetham Chennai)	Nikhileswar Reddy (Department of Computer Science and Engineering, Amrita School of Computing, Amrita Vishwa Vidyapeetham, Chennai) Hemanth Kumar Reddy (Department of Computer Science and Engineering, Amrita School of Computing, Amrita Vishwa Vidyapeetham, Chennai) Deepak Krishnamoorthy (Assistant Professor, Department of Computer Science and Engineering, Amrita School of Computing, Amrita Vishwa Vidyapeetham, Chennai)	Online	TS-T3-S21
2764	IdleFL: A Hybrid Peer-to-Peer Distributed Computing Platform for Privacy-Preserving Machine Learning using Idle Resource Harvesting	Durvish Khurana(Student- 3rd year ENC ,Thapar University)	Durvish Khurana Durvish Khurana(Student- 3rd year ENC Thapar Institute of Engineering and Technology, Patiala, India), Dr.Chandramohan Dhasarathan (Dept. of Electronics & Communication Engineering, Thapar Institute of Engineering and Technology, Patiala, India)	Online	TS-T3-S21
2765	Interpretable Gender Classification from Malayalam Speech	Suprajha Baskaran (Amrita School of Artificial Intelligence, Amrita Vishwa Vidyapeetham, Bengaluru)	Suprajha Baskaran (Amrita School of Artificial Intelligence, Amrita Vishwa Vidyapeetham, Bengaluru), V. Sidharrth (Amrita School of Artificial Intelligence, Amrita Vishwa Vidyapeetham, Bengaluru), Sirisha Tadepalli (Amrita School of Artificial Intelligence, Amrita Vishwa Vidyapeetham, Bengaluru)	Online	TS-T3-S21
2778	Automated Cervical Cancer Screening using pap smears image for remote diagnostic	Hiruthika M(Karpagam Academy of Higher Education)[Student]	Hiruthika M - Karpagam Academy of Higher Education[BE-BIOMEDICAL][Final Year] Dharshini V-Karpagam Academy of Higher Education[BE-BIOMEDICAL][Final Year] Harini R- Karpgam Academy of Higher Education[BE-BIOMEDICAL][Final Year] Dr D Prema-Karpgam Academy of Higher Education[Professor]	Online	TS-T3-S21
2779	Software Reliability Growth Across Multiple Releases Considering Fault Removal Efficiency, and Error Generation	Professor Rangan Kumar	Shivani Kushwaha (GLA University), Umashankar Samal (GLA University), Rangan Kumar Guha (SLIET)	Online	TS-T3-S21
2808	GAIN-Trans: A Hybrid GAN–Transformer Framework for Robust Missing Data Imputation in Stock Market Time Series	Ananya Raj (Bennett University)	Ananya Raj (Bennett University), Mahadev Ajagalla (Bennett University), Vaishnavi Bisen (Bennett University), Mukesh Kumar Bharti (Bennett University)	Online	TS-T3-S21
2817	Multimodal Visible- Infrared Fusion for Robust Human Action Recognition	Aditya Balodi (Graphic Era Deemed to be University Dehradun)	Author 1: Aditya Balodi (GEU, Dehradun) Author 2: Dr. Manoj Diwakar (GEU, Dehradun) Author 3: Dr. Neeraj Kumar Pandey (GEU, Dehradun) Author 4: Dr. Aditya Joshi (GEU, Dehradun) Author 5: Dr. Sanjay Roka (GEU, Dehradun) Author 6: Dr. Prabhishek Singh (Bennett University, Greater Noida)	Online	TS-T3-S21
2830	Neuroeducation-Based Predictive Model Using Eye-Tracking and Neural Signals to Estimate Memory Retention in Multimodal Lessons	Dr R S Sabeenian(Sona College of Technology Salem, India)	Dr. Sankarganesh P(Saveetha Institute of Medical and Technical Sciences Chennai, India), Dr. Ramesh Bhavisetti (R.V.R.R College of Education Andhra Pradesh, India), Feras Almarashdi (Jadara University Irbid, Jordan), Dr. Vuda Sreenivasa Rao (Koneru Lakshmaiah Education Foundation Andhra Pradesh, India), Dr.S.V.Arokia Pratheesha (Dr.N.G.P.Arts and Science College Coimbatore, India), Dr R S Sabeenian(Sona College of Technology Salem, India)	Online	TS-T3-S21

2893	Optimized Framework for Merging Navigable Small-World Graphs: Balancing Efficiency and Search Performance	Priyanka Muppuri (Independent Researcher)	Priyanka Muppuri (Independent Researcher)	Online	**TS-T3-S22**
2905	Hybrid Contextual PII Redaction: An LLM-Regex System for Diverse Digital Assets	Mohammad Armughan Ur Rahim (CMR Institute of Technology, Bangalore)	Pratimarani Jena (CMR Institute of Technology, Bengaluru), Dr. Rinisha Bagaria (CMR Institute of Technology, Bengaluru), Aryan Rai (CMR Institute of Technology, Bengaluru), Mohamed Layan Ali (CMR Institute of Technology, Bengaluru), Mohammad Armughan Ur Rahim (CMR Institute of Technology, Bengaluru), Mohammed Zaid (CMR Institute of Technology, Bengaluru)	Online	**TS-T3-S22**
2925	Multi-Sensor Earthquake Damage Detection Using Optical and SAR Imagery	Aditya Reddy (Sardar Patel institute of Technology, Mumbai)	Omkar Jadhav (Sardar Patel institute of Technology), Vedang Kapil (Sardar Patel institute of Technology), Aditya Reddy (Sardar Patel institute of Technology), Harshil Kanakia (Sardar Patel institute of Technology), Meghana Naik (Sardar Patel institute of Technology)	Online	**TS-T3-S22**
2961	Corporate Credit Rating Assessment for Financial Risk and Regulatory Compliance	Dr Manjunatha M K(Visvesvaraya Technological University Centre for PostGraduate Studies Mysuru, India)	Dr Manjunatha M K (Visvesvaraya Technological University Centre for PostGraduate Studies Mysuru, India), Dr. Harinadh Karimikonda(Sreenidhi Institute of Science and Technology, Hyderabad, Telangana, India),Dr. Yogita Dwivedi (Jaypee Business School, Jaypee Institute of Information Technology, Noida, India),Dhanalakshmi Komatiguntala (School of Business and Management Christ University Yeswanthpur campus, Banglore,India)	Online	**TS-T3-S22**
2974	Performance Evaluation of Pre-Trained Networks in Face Recognition	Santosh Reddy P (Department of Computer Science & Technology Dayananda Sagar University Bangalore,India)	Santosh Reddy P (Department of Computer Science & Technology Dayananda Sagar University Bangalore,India), Ashwini R Malipatil (Department of Computer Science & Engineering, BNM Institute of Technology, Bangalore, India)	Online	**TS-T3-S22**
2978	Enhancing Image Classification Performance Using Data Augmentation and Adaptive Training Strategies	Murali Mohan Reddy M (Research Scholar, Assistant Professor, Department of CSE, Chaitanya Deemed to be University, Hyderabad, Sree Chaitanya College of Engineering, Karimnagar, India)	Murali Mohan Reddy M (Research Scholar, Assistant Professor, Department of CSE, Chaitanya Deemed to be University, Hyderabad, Sree Chaitanya College of Engineering, Karimnagar, India), Dr. S. Masood Ahamed (Professor, Department of CSE, Chaitanya Deemed to be University, Hyderabad, India)	Online	**TS-T3-S22**
2997	DravHate-XAI: A Multimodal Transformer Approach for Hate Speech Detection	Yashica S (UG Scholar)	Vishali K S (UG Scholar), Yuvaraj M (UG Scholar), Latha R S (Professor), Logeswaran K (Associate Professor), Sreekanth G R (Professor)	Online	**TS-T3-S22**
2999	Comparing Multi Label Approaches for Intrusion Detection:Binary Relevance, Classifier Chains and Label Powerset on the ADFA-LD dataset.	Ms. Viveka Vardhini Valluru ((Maulana Azad National Institute of Technology, Bhopal))	Ms. Viveka Vardhini Valluru (NIT Bhopal), Dr. Sanyam Shukla (NIT Bhopal),Dr. R. K. Pateriya (NIT Bhopal)	Online	**TS-T3-S22**
3019	Credibility-Aware RAG for Real-Time Political Sentiment Analysis	Kumari Maitreyee (VIT-AP University)	Kumari Maitreyee (VIT-AP University), Anurag De (VIT-AP University), Pradyun Gupta (VIT-AP University), Ramya Raman (VIT-AP University), Khyati Malik (VIT-AP University)	Online	**TS-T3-S22**
3057	Data-Efficient Learning for Quantum Key Distribution Under Noisy Optical Channels"	Dr.SureshkumarJha(MUJ Jaipur)	Suresh Kumar Jha 1,Jeyakrishnan Venugopal 2 ,Aditya Narayan Hati 3, 1,2,3 Manipal University Jaipur	Online	**TS-T3-S23**
3082	MockHire: Adaptive Interview Training and Recruitment Automation through Objective AI Assessment	Ishwari Abuj (AISSMS Institute of Information Technology, Pune)	Reshma Totare (AISSMS Institute of Information Technology, Pune), Sneha Gonjari (AISSMS Institute of Information Technology, Pune), Siddhi Uttekar (AISSMS Institute of Information Technology, Pune), Ishwari Abuj (AISSMS Institute of Information Technology, Pune)	Online	**TS-T3-S23**
3091	A Robust X-ray Image Classification Framework Based on Wavelet Transform and Shift-Invariant Features	Sarthak Mangalmurti	Dr Rinisha Bagaria (CMR Institute of Technology, Bangalore), Swetha B (Dayananda Sagar Academy of Technology and Management, Bangalore), Anushree G (CMR Institute of Technology, Bangalore), Sarthak Mangalmurti (Madhav Institute of Technology & Science, Gwalior)	Online	**TS-T3-S23**

3149	Deep Transfer Learning for Fine-Grained Military Aircraft Classification Using EfficientNet-B3	Soumyasis Das (Chitkara University)	Soumyasis Das (Chitkara university) , Md Ankushavali (SR University) ,Neha Sharma (CGC University (Chandigarh Group of Colleges)),Ritika Badhani (Graphic Era Hill University),Ashwani Kharola (Graphic Era University)	Online	**TS-T3-S23**
3154	AI-Assisted Morphological Classification of Human Sperm for Fertility Diagnostics	Shanvi Chauhan (Chitkara University Institute of Engineering and Technology, Chitkara University, Punjab, India)	Shanvi Chauhan (Chitkara University Institute of Engineering and Technology, Chitkara University, Punjab, India); Nagendar Yamsani (School of Computer Science and Artificial Intelligence, SR University, Warangal - 506371, Telangana, India); Neha Sharma (Department of Electronics & Communication Engineering School of Engineering and Technology CGC University Mohali-140307, Punjab, India); Ritika Badhani (Graphic Era Hill University, Dehradun); Ashwani Kharola (Graphic Era (Deemed to be) University, Dehradun)	Online	**TS-T3-S23**
3155	A Real-Time Exercise Tracker And Conversational Diet Recommender System	Yamalapati Teja Rayudu (VIT-AP University)	Maddu Hareesh Babu (VIT-AP University), Anurag De (VIT-AP University) , Konda Hari Kumar Reddy (VIT-AP University) , Yamalapati Teja Rayudu (VIT-AP University), Gautam Pal (Tripura Institute of Technology Narsingarh)	Online	**TS-T3-S23**
3161	AI-Powered Leukemia Detection: A VGG16 Transfer Learning Approach for Blood Smear Image Classification	Shanvi Chauhan (Chitkara University Institute of Engineering and Technology, Chitkara University, Punjab, India)	Shanvi Chauhan (Chitkara University Institute of Engineering and Technology, Chitkara University, Punjab, India); Nagendar Yamsani (School of Computer Science and Artificial Intelligence, SR University, Warangal - 506371, Telangana, India); Neha Sharma (Department of Electronics & Communication Engineering School of Engineering and Technology CGC University Mohali-140307, Punjab, India); Ritika Badhani (Graphic Era Hill University, Dehradun); Ashwani Kharola (Graphic Era (Deemed to be) University, Dehradun)	Online	**TS-T3-S23**
3166	Deep Learning-Based Convolutional Neural Network Approach for Smart Automated Classification and Sorting of Vegetables	Vishnu Kant (Chitkara University Institute of Engineering and Technology, Chitkara University, Punjab, India)	Vishnu Kant (Chitkara University Institute of Engineering and Technology, Chitkara University, Punjab, India), Kanegonda Ravi Chythanya (School of Computer Science and Artificial Intelligence, SR University, Warangal - 506371, Telangana, India), Neha Sharma(School of Engineering and Technology CGC University Mohali - 140307, Punjab, India), Pallavi Semwal (Graphic Era Hill University), Anzar Ahmed (Graphic Era (Deemed to be) University, Dehradun)	Online	**TS-T3-S23**
3178	Automated Tulsi Leaf Disease Classification Using a Fine-Tuned ResNet50-Based Deep Convolutional Network	Goldy Verma (Chitkara University Institute of Engineering and Technology, Chitkara University, Punjab, India)	Goldy Verma (Chitkara University Institute of Engineering and Technology, Chitkara University, Punjab, India) , Srinivas Aluvala (School of Computer Science and Artificial Intelligence, SR University, Warangal - 506371, Telangana, India.) , Neha Sharma School of Engineering and Technology CGC University Mohali -140307, Punjab, India) , Sonali Gupta (Graphic Era Hill University, Dehradun) , Vartika Aarwal (Graphic Era (Deemed to be) University, Dehradun)	Online	**TS-T3-S23**
3196	Anatomy-Aware Deep Learning Approach for Schizophrenia Diagnosis Using Structural MRI	L.Reetha, Research Scholar, Dept of Computer Science and Engineering, Saveetha School of Engineering, Saveetha Institute of Medical and Technical Sciences Chennai, India	Dr. R. Gnanajeyaraman Dept of CSE, Saveetha School of Engineering, Saveetha Institute of Medical and Technical Sciences Chennai, India gnanajeyaramanr.sse@saveetha.com L.Reetha, Research Scholar, Dept of CSE, Saveetha School of Engineering, Saveetha Institute of Medical and Technical Sciences Chennai, India	Online	**TS-T3-S24**
3199	Hybrid Deep Learning Framework for Automated Plant Leaf Disease Detection		Nipa Rani Das(Noakhali Science and Technology University)	Online	**TS-T3-S24**
3201	Urban Sound Classification for Smart City Noise Mitigation Using a Deep Learning Approach		Ramisa Hossain(IIUC) Md. Imam Uddin Forkan(IIUC) Tasmia Binte Arefin(IIUC)	Online	**TS-T3-S24**
3207	Influence of Clustered Federated Learning in Enhancing the Lifetime of Edge based AQI Forecasting Networks	Kayalvizhi R(School of Computing, SASTRA University)	Uma Maheswari Durairaj(SASTRA University), Kayalvizhi R(SASTRA University)	Online	**TS-T3-S24**

3245	Synthetic Data Generation with GANs for Rare-Event Detection in Medical and Traffic Vision	Bhanu Prakash Battula (Professor & Head, Dept. of CSE-Data Science KKR & KSR Institute of Technology and Sciences, Guntur, AP, India)	Bhanu Prakash Battula (Professor & Head, Dept. of CSE-Data Science, KKR & KSR Institute of Technology and Sciences, Guntur, AP, India), P Sumana (Department of CSE, Sreyas Institute of Engineering and Technology, Hyderabad, Telangana, India), R Lavanya (Asst. Professor, Dept. of Computing Technologies, SRM Institute of Science and Technology, Kattankulathur, Tamil Nadu, India), Juhisha J (Asst. Professor, Dept. of ECE, Chennai Institute of Technology, Chennai, TN, India), Dr.Subha Balamurugan (Asst. Professor, Dept. of English, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai, TN, India), Navyatha Ravi (Department of CSE-DS, MLR Institute of Technology, Hyderabad, Telangana, India)	Online	**TS-T3-S24**
3257	Active Learning Pipelines for Efficient Annotation of Large-Scale IOT Video Streams	Dr Kumaresh Sheelavant (Associate Professor, Sai Vidya Institute of Technology Visvesvaraya Technological University Belagavi, Karnataka, India)	Dr Kumaresh Sheelavant (Associate Professor, Sai Vidya Institute of Technology Visvesvaraya Technological University Belagavi, Karnataka, India), Sanjay Kumar Suman (Prof. and Head, Dept. of CSE-CS, Sri Shanmugha College of Engineering and Technology, Salem, TN, India), G Sravanthi (Department of CSE, Sreyas Institute of Engineering and Technology, Hyderabad, Telangana, India), L. Bhagyalakshmi (Professor and Head, Dept. of ECE, Rajalakshmi Engineering College, Chennai, TN, India), Dr J Jesintha Princy (Asst. Professor, Dept. of English, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology, Chennai, TN, India), D.Sravanthi (Department of CSE-DS, MLR Institute of Technology, Hyderabad, Telangana, India)	Online	**TS-T3-S24**
3258	Privacy-Enhancing Visual Analytics: Homomorphic and Encrypted Inference for Smart Cameras	Dr. S. Sree Hari Raju (Department of Computer Science & Engineering) Nalla Narasimha Reddy Education Society's Group of Institutions - Integrated Campus Hyderabad, India)	Dr. S. Sree Hari Raju (Department of Computer Science & Engineering)Nalla Narasimha Reddy Education Society's Group of Institutions - Integrated Campus Hyderabad, India), M. SONIA (Department of CSE (Artificial Intelligence & Machine Learning) Nalla Narasimha Reddy Education Society's Group of Institutions - Integrated Campus Hyderabad, India), Dr L Suresh Kumar (Department of mechanical engineering Chaitanya bharathi institute of technology Hyderabad, India) Jatin Arora (Chitkara University Institute of Engineering and Technology Chitkara University Punjab, India)	Online	**TS-T3-S24**
3271	Reveal: A Deepfake Video Detection System using CNN and LSTM	Ayush Negi (G. L. Bajaj Institute of Technology and Management)	Ayush Negi (GLBITM), Dhruv Chauhan (GLBITM), Abhishek Yadav (GLBITM), Dev Pratap Singh (GLBITM), Paramita De (GLBITM)	Online	**TS-T3-S24**
3275	Real-Time Video Frame De-Duplication Using Hybrid Model for Surveillance Video Change Detection	BOGEM CHAITHANYA SRINIVAS	1. BOGEM CHAITHANYA SRINIVAS, M.TECH (PG STUDENT), DEPARTMENT OF COMPUTATONAL INTELLIGENCE, SCHOOL OF COMPUTER SCIENCE AND ENGINEERING, VIT UNIVERSITY, VELLORE. 2. DR. ARIVOLI A, ASSOCIATE PROFESSOR, DEPARTMENT OF COMPUTATONAL INTELLIGENCE, SCHOOL OF COMPUTER SCIENCE AND ENGINEERING, VIT UNIVERSITY, VELLORE.	Online	**TS-T3-S24**

3277	Hybrid Rule-Based + Deep Models for Explainable Vision-Driven Predictive Maintenance	Priyadharshini J (Asst. Professor, Dept. of CSE, Aarupadai Veedu Institute of Technology, Vinayaka Mission's Research Foundation, Deemed University, OMR Road, Paiyanoor, Chengalput, TN, India)	Priyadharshini J (Asst. Professor, Dept. of CSE, Aarupadai Veedu Institute of Technology, Vinayaka Mission's Research Foundation, Deemed University, OMR Road, Paiyanoor, Chengalput, TN, India), Regilan S (ME CSE Student, Dept. of CSE, Aarupadai Veedu Institute of Technology, Vinayaka Mission's Research Foundation, Deemed University, OMR Road, Paiyanoor, Chengalput, TN, India), Dr Ramu K (Professor, Dept. of CSE, Aarupadai Veedu Institute of Technology, Vinayaka Mission's Research Foundation, Deemed University, OMR Road, Paiyanoor, Chengalput, TN, India), Manish Kumar Mishra (Final Year UG Student, Dept. of CSE, Aarupadai Veedu Institute of Technology, Vinayaka Mission's Research Foundation, Deemed University, OMR Road, Paiyanoor, Chengalput, TN, India), Manish Kumar (Final Year UG Student, Dept. of CSE, Aarupadai Veedu Institute of Technology, Vinayaka Mission's Research Foundation, Deemed University, OMR Road, Paiyanoor, Chengalput, TN, India), Asdullah (Final year UG student, Department of CSE, Aarupadai Veedu Institute of Technology, Vinayaka Mission's Research Foundation, Deemed University, OMR Road, Paiyanoor, Chengalput, TN, India)	Online	**TS-T3-S25**
771	Interpretable MRI Feature Learning for Differentiating Multiple Sclerosis and Brain Tumors	KAVYA SHREE A	Dr. S. T. Padmapriya (Department of Applied Mathematics and Computational Science, Thiagarajar College of Engineering, Madurai), Kavya Shree A (Department of Applied Mathematics and Computational Science, Thiagarajar College of Engineering, Madurai), Sharmila M (Department of Applied Mathematics and Computational Science, Thiagarajar College of Engineering, Madurai)	Online	**TS-T3-S25**
3278	Lightweight Neural Architecture Search for On-Device Computer Vision Deployment	Sandeep Gupta (Department of Electrical Engineering, Graphic Era (Deemed to be University), Dehradun, India)	Sandeep Gupta (Department of Electrical Engineering, Graphic Era (Deemed to be University), Dehradun, India), Ankit Kumar Taneja (Computer Science and Engineering Department, JECRC University, Jaipur, India), Nidhi (Computer Science and Engineering Department JECRC University, Jaipur, India), Khushbu Garg (Computer Science and Engineering Department JECRC University, Jaipur, India), Anita Mudgal (Computer Science and Engineering Department JECRC University, Jaipur, India), Ankur Raj (Computer Science and Engineering Department JECRC University, Jaipur, India)	Online	**TS-T3-S25**
3279	Cross-Modal Retrieval and Retrieval-Augmented Inference for IoT-Enabled Clinical Decision Support	Tejeswar Reddy Velpucharla (Director of Technology and Operations Eficens Systems, Cumming, Georgia, USA)	Tejeswar Reddy Velpucharla (Director of Technology and Operations, Eficens Systems, Cumming, Georgia, USA), Dr. Subhash Bhagavan Kommina (Professor, Dept. of Information Technology, Sasi Institute of Technology & Engineering, Tadepalligudem, AP, India)	Online	**TS-T3-S25**
3280	ViT-Enhanced Few-Shot Learning for Prognostic Modelling of Paediatric Post-Acute COVID Pulmonary Sequelae	Dr. Suganya D (SCORE-VIT Vellore)	Suganya D (SCORE, VIT Vellore) Padmakumari P (SCORE, VIT Vellore) Soundarya A J (SCORE, VIT Vellore)	Online	**TS-T3-S25**
669	chine Learning Based Predictive Analytics for Road St Kumar Yadav (Florida State Uni	Hemant Kumar Yadav (Florida State University)	Online	**TS-T3-S25**	
3303	A Sleep Schedule-Pairing based Efficient Routing in WSNs	Dr. Shashank Singh (SRM University, Sonipat)	Dr. Shashank Singh (SRM University, Sonipat) Dr. Rohit Sharma (VGU, Jaipur) Dr. Bharti Sharma (DIT University, Dehradun)	Online	**TS-T3-S25**
3315	Multi-Modal Agricultural Perception: Fusing Deep Optical Networks with Software-Defined Acoustic Sensing	Subham Kumar Beura (Thapar Institute of Engineering & Technology, Patiala)	Subham Kumar Beura (ECED, TIET, Patiala), Mayank Godara (ECED, TIET, Patiala), Mayank Paul (CSED, TIET, Patiala), Saurav Kumar (ECED, TIET, Patiala), Ravi Kumar (ECED, TIET, Patiala), Amanpreet Kaur (ECED, TIET, Patiala)	Online	**TS-T3-S25**

3334	Heuristic-Driven Resource Optimization for Decoupled Memory Channels on FPGAs	Arnab Ardhendu Purkayastha, Western New England University	Arnab A Purkayastha (Western New England University), Shobhit Aggarwal (The Citadel), Jay Tharwani	Online	**TS-T3-S26**
3344	Bridging Machine Learning and Generative AI for Intelligent Vulnerability Detection and Remediation in Source Code	Mr. Atharva Deokar (SPIT)	Mr. Atharva Deokar (SPIT), Mr. Mayank Chauhan (SPIT), Mr. Saur Deshmukh (SPIT), Mr. Paarth Mahadik (SPIT), Mr. Debjit Ghosal (SPIT), Mr. Mahadev Balla (SPIT), Mr. Megh Doshi (SPIT), Mr. Shrey Dedhia (SPIT), Mr. Sujal Chaudhari (SPIT), Mr. Aniket Atole (SPIT), Dr. Anant Nimkar (SPIT)	Online	**TS-T3-S26**
3345	Improving Robustness of MRI-Based Brain Tumor Classification via Multi-View Preprocessing and Hybrid VIT-CNN Learning	Sabuj Maity (MANIT Bhopal)	Sabuj Maity (MANIT Bhopal), Dr. Jyoti Bharti (MANIT Bhopal), Dr. Vasudev Dehalwar (MANIT Bhopal), Anuj Khandelwal (MANIT Bhopal)	Online	**TS-T3-S26**
3347	TrustSignLion: A Trust-Adaptive Sign-Based Optimizer for Robust Deep Learning in Noisy Environments	Priyanshi Shukla (MANIT Bhopal)	Priyanshi Shukla (MANIT Bhopal) Akhtar Rasool (MANIT Bhopal) Abhishek Jadhav (MANIT Bhopal)	Online	**TS-T3-S26**
3383	High Performance Convolutional Neural Network for Brain Tumour Detection from MRI Images	Sangita Hirani (Department of Computer Engineering, Silver Oak University)	Author 1 Sangita Hirani (Department of Computer Engineering, Silver Oak University, Gujarat, Ahmedabad, India), Author 2 Niti Khetra (Department of Computer Engineering, Silver Oak University, Gujarat, Ahmedabad, India)	Online	**TS-T3-S26**
3444	Prediction of Autism Spectrum Disorder Using Machine Learning Algorithms	K.S.Ambika(Vardhaman College of Engineering)	K.S.Ambika(Vardhaman College of Engineering),M. Mokshitha(Vardhaman College of Engineering),G. Abhinand(Vardhaman College of Engineering),G. Rishikesh Goud(Vardhaman College of Engineering),A. Vijaya Lakshmi(Vardhaman College of Engineering)	Online	**TS-T3-S26**
3471	A Hybrid Kinematically Constrained Deep Learning Framework for Unsupervised Anomaly Detection in Geodetic Time-Series Data.	Siddharth Yadav (MANIT-Bhopal)	Siddharth Yadav (MANIT-BHOPAL), Dr.Dhirendra Pratap Singh (MANIT-BHOPAL), Dr.Jaytrilok Choudhary (MANIT-BHOPAL), Dr.Manish Pandey (MANIT-BHOPAL)	Online	**TS-T3-S27**
3480	Machine Learning-Based Analysis of Multi-Source Network Packet Captures	Karthika Biju M from Amrita Vishwa vidyapeethom	Kirubavathi G Department of Mathematics, Amrita School of Physical Sciences Amrita Vishwa Vidyapeetham, Coimbatore India Karthika Biju M, Department of Mathematics, Amrita School of Physical Sciences Amrita Vishwa Vidyapeetham, Coimbatore India M A Niranjani Nair, Department of Mathematics, Amrita School of Physical Sciences Amrita Vishwa Vidyapeetham, Coimbatore India Sreedhanu Surendran, Department of Mathematics, Amrita School of Physical Sciences Amrita Vishwa Vidyapeetham, Coimbatore India Sanjana S Department of Mathematics, Amrita School of Physical Sciences Amrita Vishwa Vidyapeetham, Coimbatore India	Online	**TS-T3-S27**
3534	A Comparative Analysis of Deep Learning and Transformer Models for Emoji-Aware Sarcasm Detection in Code-Mixed Text	Ms. Archana Acharya (Amity University, Gwalior)	ARCHANA ACHARYA (Amity University, Gwalior) , Dr. RAJEEV GOYAL (Amity University, Gwalior)	Online	**TS-T3-S27**
3550	Eco-Culinary AI: An AI-Powered Assistant for Transforming Leftovers Into Smart Recipes	Mohamed Sameer A	1Mohamed Sameer A , (SIST), 2. Kavin Sriram M (SIST), 3. Sreeji (SIST)	Online	**TS-T3-S27**
3557	Predicting Truthfulness of Large Language Model Generated Answers Using TruthfulQA	Tanmoy Chatterjee (MANIT Bhopal)	Tanmoy Chatterjee (MANIT Bhopal), Dr. Pragati Agrawal (MANIT Bhopal)	Online	**TS-T3-S27**
3561	Deep and Machine Learning with Explainable AI for Multi-Class Intrusion Detection on the IoT-23 Dataset	Sushant Kumar (MANIT Bhopal)	Sushant Kumar (MANIT Bhopal), Dr. Pragati Agrawal (MANIT Bhopal)	Online	**TS-T3-S27**

3563	Task-Aware Facial Micro-Dynamics Modeling for Dementia Detection Using Face-Mesh Motion Signatures	Hemantha Kumar H S , Research Scholar, Bangalore University University Visvesvaraya College of Engineering Bengaluru	Hemantha Kumar H S Research Scholar, Bangalore University University Visvesvaraya College of Engineering Bengaluru, India Tanuja R Department of Computer Science and Engineering University Visvesvaraya College of Engineering Bengaluru, India tanujar.uvce@gmail.com S H Manjula Department of Computer Science and Engineering University Visvesvaraya College of Engineering Bengaluru, India shmanjula@gmail.com	Online	**TS-T3-S28**
3574	Efficiency at Parity: Why LLMs Offer No Performance Advantage over Metadata Analysis in Low-Resource Misinformation Detection	Satwik Shreesh (VIT Vellore)	Satwik Shreesh (VIT Vellore), Miit daga (VIT Vellore), Dhriti Parikh (VIT Vellore), Kundanika Reddy Bommineni (VIT Vellore), Sidhant Mishra (VIT Vellore), Saransh Naole (VIT Vellore), Swarna Priya Ramu (VIT Vellore)	Online	**TS-T3-S28**
3577	Piecewise Approximation of Swish Activation Function in MobileNetV2 Classifier	Sidharth S Prakash (Cochin University of Science and Technology))	Author 1 Sidharth S Prakash (Cochin University of Science and Technology), Author 2 Binsu C Kovoor (Cochin University of Science and Technology)	Online	**TS-T3-S28**
3610	Multi-Strategy Fused Transformer-CNN with PSO-Driven Optimization for Soil Properties Estimation from Hyperspectral Data	Abhyudya Sangwan (Delhi Technological University)	Abhyudya Sangwan (Delhi Technological University), Divyashikha Sethia (Delhi Technological University), Shagun Jain (Delhi Technological University)	Online	**TS-T3-S28**
3614	Robust Autism Spectrum Disorder Classification via Optimized 15-Channel Feature Mapping Through Mult		Kazi Mahatir Mohammad Samir(CUET), Md. Imam Uddin Forkan(IIUC) Adnan Sami Sarker(CUET)	Online	**TS-T3-S28**
3656	Adaptive Sigmoid-Parameterized Retrieval-Augmented Generation for Cold-Start Recommendation	Tanveer Kaur	Tanveer Kaur (Dr. B. R. Ambedkar National Institute of Technology Jalandhar) , Dr. Naina Yadav (Dr. B. R. Ambedkar National Institute of Technology Jalandhar)	Online	**TS-T3-S28**
3689	A Deep Learning Framework for Demand Forecasting and Dynamic Price Optimization in E-Commerce	Vivek Pitta(Vel Tech University , Chennai)	R. J. Poovaraghan (Vel Tech University , Chennai) , Vivek Pitta (Vel Tech University , Chennai), Palivela Satya Yeswanth (Vel Tech University , Chennai)	Online	**TS-T3-S28**
3720	Reliable Graph Neural Networks for Spatio-Temporal Noise Propagation Modelling in Smart Cities	Amanullah Quamer(Lovely Professional University)	Amanullah Quamer(Lovely Professional University), Harshita(Lovely Professional University) , Surabhi Sonkar(Lovely Professional University)	Online	**TS-T3-S27**
3786	A Self-Supervised Audio-Text Transformer for Depression Detection Using Speech & Linguistic Cues	A.Lakshmanarao,Aditya University	Praveen Kumar Kovvuru (GITAM University),Gadipe Sunitha(Sumathi Reddy Institute of Technology for Women),Boddula Naresh (Jayamukhi Institute of Technological Sciences),V Thirupathi (SR University),A.Lakshmanarao (Aditya University),P.Varaprasada Rao(Gokaraju Rangaraju Institute of Engineering and Technology)	Online	**TS-T3-S26**
	Day 3; 14th March 2026 (Saturday)				
	Time of Sessions: TS-T3-S29/S30/S31/S31 (9:30 AM –11:00 AM)				
661	A Systematic Review on Fault Detection in IoT-Enabled Systems	Dr. Mayank Kumar Jain (Bennett University, Greater Noida)	Vishnu Kumar Prajapati (NIT Hamirpur), Mayank Kumar Jain (Bennett University, Greater Noida), T.P. Sharma (NIT Hamirpur), Lalit Kumar Awasthi (NIT Hamirpur)	Offline	**TS-T3-S29**
664	AgentOps Replay: A Trustworthy Framework for Multi-Agent Compliance Monitoring and Event Replay in Cognitive AI Systems	Sahir Shaik ahamed (SV University Tirupati)	Sahir Shaik Ahamed (SV University) , Sasi Vaishnav Esanakula (RV University) , Galisetty Jayaprakash Venkat Narayan (SV University) , Thatigutla Rohith Kumar Reddy (SV University) , Parasa Rishil Sree (SV University) , Saipranav Sapare (SV University)	Offline	**TS-T3-S29**
920	Emotion Recognition via Capsule Networks and SE-ResNet: A Dual-Modality Approach	Pavan P (Sahyadri College of Engineering and Management)	Ramitha T (Sahyadri College of Engineering and Management), Ujwal Kulal (Sahyadri College of Engineering and Management), Suhas R Poduval (Sahyadri College of Engineering and Management), Pavan P (Sahyadri College of Engineering and Management), Vishwanatha (Sahyadri College of Engineering and Management)	Offline	**TS-T3-S29**
1010	FinNet: Multi-Scale Adaptive Financial Graph Neural Network with Dynamic Risk Embeddings and Cross-Market Learning	Anandu P S (CHRIST UNIVERSITY, Bangalore)	Anandu P S (CHRIST University, Bangalore), Dr. Vyshali J Gogi (CHRIST University, Bangalore), Dr. Azarudheen S (CHRIST University, Bangalore)	Offline	**TS-T3-S29**
1033	Swin Transformer With BERT Bi-Directional Co-Attention Framwork for Visual Question Answering	SMRITI CHAND	SMRITI CHAND,PROF.DINESH KUMAR,DR.MANJEET KUMAR	Offline	**TS-T3-S29**
437	Federated Learning for Privacy-Preserving Network Congestion Prediction in 4G/5G Multi-Carrier Envir	Surath Jayasinghe, University College of Ratmalana, University of Vocational Technology	MWP Maduranga SR University, Durgesh Nandan SR University, Surath Jayasinghe UCR - UoVT	Offline	**TS-T3-S29**

1205	Multi-Stage Deep Feature Extraction with LSTM RNN XGBoost Decision Fusion for Sleep Apnea Detection	Dr.Santosh Kumar Satapathy	Mann Dsylva (PDEU),Manav Shah (PDEU),Santosh Satapathy (PDEU) ,Rajesh Mohapatra (Pandit Deendayal Energy University) ,Nirakar Sahoo (GITA) Suren Sahu (GITA)	Offline	TS-T3-S30
1266	Multimodal Data Fusion of Image and Sensor Data for Precision Fruit Quality Evaluation	Rana Kalprajsinh	Rana Kalprajsinh (PDPU Gandhinagar), Nishantkumar Chaudhari (PDPU Gandhinagar), Santosh Satapathy (PDPU Gandhinagar)	Offline	TS-T3-S30
1306	A Stacking-Based Ensemble Model for Energy Forecasting in IoT-Enabled Smart Homes	Shalini Agrawal (NIT Raipur)	Shalini Agrawal (NIT Raipur), Priyanka Tripathi (NIT Raipur), Mithilesh Atulkar (NIT Raipur)	Offline	TS-T3-S30
1307	DDoS Attack Detection using Machine Learning Techniques	Rohan Mishra (Manipal University Jaipur)	Rohan Mishra (Manipal University Jaipur), Shreshth Jain (Manipal University Jaipur), Monika Jyotiyana (Manipal University Jaipur)	Offline	TS-T3-S30
1837	MSGNet: A Multi-Scale Transmission Guided Network for Underwater Image Restoration	Shabnam Thakur (TIET, Patiala)	Shabnam Thakur, Jhilik Bhattacharya, Shailendra Tiwari Computer Science & Engineering Department Thapar Institute of Engineering & Technology Punjab, India	Offline	TS-T3-S30
1894	Robust-LaneNet: A Lightweight CNN Model for Autonomous Vehicle System in Adverse Visual Conditions	Shivani Kumari (Chhatrapati Shahu Ji Maharaj University Kanpur, India)	1-Shivani Kumari (Chhatrapati Shahu Ji Maharaj University Kanpur, India), 2- Pushpa Mamoria (Chhatrapati Shahu Ji Maharaj University Kanpur, India), 3-Hemant Kumar (Chhatrapati Shahu Ji Maharaj University Kanpur, India)	Offline	TS-T3-S31
2251	Bidirectional Sign Language Communication System with Real-Time Detection and Intelligent Text Validation	Udatha Thanuja (Amrita Vishwa Vidyapeetham Chennai)	Udatha Thanuja (Amrita Vishwa Vidyapeetham Chennai), Harshitha Dwaram (Amrita Vishwa Vidyapeetham Chennai)	Online	TS-T3-S31
1496	ViLT and Customized Classification Block for Remote Sensing Visual Question Answering	Jaswanth Polarowthu (SRM University, AP)	Jaswanth Polarowthu (SRM University, AP), Dr. Isunuri Bala Venkateswarlu (SRM University, AP)	Online	TS-T3-S31
277	Camel Health Monitoring using AI: An Experimental Study	Sarra Ghali (University of Sharjah)	Sarra ,Manar, Qassim , Ali (UOS)/Nabil ,Fouad ,Simon (FRC)	Online	TS-T3-S31
3374	FakeVision++: A Computationally Efficient Dual-Descriptor Image Forensic Framework using HFRD–FCDS Modeling for Reliable Detection of AI-Generated and Tampered Images	Pranav Sarnikar (GHRCEM)	Pranav Sarnikar (GHRCEM), Mukundraj Bhosale (GHRCEM), Harsh Agrawal (GHRCEM), Kunal Kundu (GHRCEM), Nirmalya Mukhopadhyay (GHRCEM)	Online	TS-T3-S31
3329	Evaluation of Deformable Medical Image Registration Techniques for Improved Analysis	Ashish Singh Ramola (DIT University Dehradun)	Ashish Singh Ramola (DIT University), Prabhjot Kaur (DIT University)	Online	TS-T3-S31
275	Exploring Zero-Shot Text Simplification for Bengali Science Text using Large Language Models	Piyal Roy (West Bengal State University)	Piyal Roy (West Bengal State University), Rajat Pandit (West Bengal State University), Sudip Kumar Naskar (Jadavpur University)	Online	TS-T3-S31
3250	A VGG16-Based Deep Learning Framework for Multi-Class Classification of Medicinal Leaf Diseases	seerat singla (chitkara university)	seerat singla (chitkara university)*; Sripelli Jagadish (SR University); Neha Sharma (CGC University); Manisha Aeri (Graphic Era Hill University); Aanchal Rawat (Graphic Era (Deemed to be) University)	Online	TS-T3-S31
3670	A Hybrid Chatbot for the Ayushman Bharat Scheme Using Rule-Based Matching and LLM-Driven Intent Classification	Dr. Nataraj KS	B. Bhanu Prakash (IIIT Dharwad), K. S. Nataraj (IIIT Dharwad), Shwetha (IIIT Dharwad), D. S. Thrupti (IIIT Dharwad), J. Anil kumar (IIIT Dharwad), Nitya Tiwari (IIT Bhubaneswar)	Online	TS-T3-S31
4462	Advancing Space Communication with Metallic Antenna Design for CubeSats and small spacecrafts	Gurpreet Kour Sodhi (MIET, Jammu)	Fouad Omari (UM5 in Rabat), Mohamed El Bakkali (UM5 in Rabat; CDU, El Jadida), Nancy Gupta (LKCTC), Moulhime El Bekkali (USMBA, Fez), Khalid El Khadiri (CDU, El Jadida), Rachid Ahl Laamara (UM5 in Rabat), Gurpreet Kour Sodhi (MIET, Jammu)	Online	TS-T3-S31`