

Track 3: Artificial Intelligence (AI), IOT and Computer Vision Enabled Technologies

Day 1; 6th March 2025 (Thursday)

Paper ID	Paper Title	Mode of Presentation	Primary Contact Author Name	Authors	Date of Presentation
31	Internet of Things Integrated Smart Specially Aabled Assistance System	Offline	Sachin Sharma	Vaishnavi Namdeo (Graphic Era Deemed to be University, Dehradun); Adarsh Jha (Graphic Era Deemed to be University, Dehradun); Ishita Rastogi (Graphic Era Deemed to be University, Dehradun); Mohd. Amaan (Graphic Era Deemed to be University, Dehradun); Sachin Sharma (Graphic Era Deemed to be University, Dehradun)*	6th March 2025 (Session 1); 12:45PM-2PM
45	Advancements in Pedestrian and Vehicle Detection A Comprehensive Review of Deep Learning Techniques	Online	Pranavsinh Thakor	Pranavsinh Thakor (Dr. Vishwanath Karad MIT World Peace University)*; Bharati Dixit (MIT World Peace University)	
49	SignUp: A Sign Language Recognition Web App	Online	Hiral Modi	Shloka Kanodia (NMIMS); Ananya Joshi (NMIMS); Neha Gadgil (NMIMS); Hiral Modi (NMIMS)*	
71	Heart Disease Identification Using Machine Learning Algorithm	Offline	YOGENDRA NARAYAN	YOGENDRA NARAYAN (CHANDIGARH UNIVERSITY MOHALI)*; Neer kumar (Chandigarh University); Vaydeesh Kumar (Chandigarh University); Manya Manya (Chandigarh University); Diksha Karan (Chandigarh University)	
72	Hybrid Brain Computer Interfacing Techniques Using EEG Signals and Machine Learning Approach	Offline	YOGENDRA NARAYAN	YOGENDRA NARAYAN (CHANDIGARH UNIVERSITY MOHALI)*; daivik gautam (CHANDIGARH UNIVERSITY MOHALI); Dinesh Lakhwani (CHANDIGARH UNIVERSITY MOHALI); Aashish Gupta (CHANDIGARH UNIVERSITY MOHALI); Rajyavardhan Kakkar (CHANDIGARH UNIVERSITY MOHALI); Divyansh Daharia (CHANDIGARH UNIVERSITY MOHALI)	
75	IntruVisor: A Novel CNN-Powered System for Network Intrusion Detection	Online	Kulvinder Singh	Kulvinder Singh (Chandigarh University)*; Vatsal Singh (Chandigarh University); Sushant Pandey (Chandigarh University)	
99	Machine Learning-Driven Classification of Indian Green Bean Varieties: CNN and AdaBoost Approaches	Online	Rishabh Sharma	Rishabh Sharma (Chitkara University Institute of Engineering and Technology, Chitkara University, Rajpura, Punjab, India)*; Lovish Dhingra (Chitkara University)	
100	Multifaceted Spinach Variety Classification: A Combined CNN-KNN Model Methodology	Online	Rishabh Sharma	Rishabh Sharma (Chitkara University Institute of Engineering and Technology, Chitkara University, Rajpura, Punjab, India)*; Abhishek Singla (Chitkara University)	

6th March 2025 (Session 2); 12:45PM-2PM

101	Improving Pea Variety Sorting with a Hybrid Approach of CNN-NB Method	Online	Rishabh Sharma	Rishabh Sharma (Chitkara University Institute of Engineering and Technology, Chitkara University, Rajpura, Punjab, India)*; Manish Nagpal (Chitkara University)	6th March 2025 (Session 2); 12:45PM-2PM
115	Image Caption Generator with CLIP Interrogator	Online	Adhiraj Jagtap	Adhiraj Jagtap (Anantrao Pawar College of Engineering & Research, Parvati, Pune)*	
131	Design and Development of A Novel CNN-BILSTM Hybrid Deep Learning Model for Cyber Attacks Detection in an IoHT Environment.	Online	Rathnamala S	Rathnamala S (Sethu Institute of Technology)*; karthick kumar (sethu institute of technology)	
140	Solving Stochastic Differential and Integral Equations using Neural Network Method	Online	PRIYANKA SARAF	PRIYANKA SARAF (Amrita Vishwa Vidhyapeetham)*	
151	A Study on Recognizing and Analyzing Aerobics Movements by AI based Video Feature Extraction	Online	adline Freeda	adline Freeda (KCG College of Technology)*	
152	ADVANCED SENTIMENT ANALYSIS USING HYBRID-ENSEMBLE DEEP LEARNING TECHNIQUES	Online	adline Freeda	adline Freeda (KCG College of Technology)*	
160	Automation in Operations and Maintenance: Best Practices and Case Studies	Online	Abhinav Parashar	Abhinav Parashar (Independent Reseacher)*; Neepakumari Gameti (Independent Researcher)	
162	Performance analysis of GANs for synthetic histopathology Image generation	Online	Kapil Rathor	Kapil Rathor (MUKesh Patel School of Technology Management and Engineering , NMIMS, Mumbai)*; Aditya Ballamwar (MUKesh Patel School of Technology Management and Engineering , NMIMS, Mumbai); Sam Selvaraj (MUKesh Patel School of Technology Management and Engineering , NMIMS, Mumbai); Dr Archana Bhise (MUKesh Patel School of Technology Management and Engineering , NMIMS, Mumbai)	

6th March 2025 (Session 3); 12:45PM-2PM

172	Classification of Bengali News Articles Using Voting Classification Approach	Online	Shivnath Ghosh	Piyal Roy (Brainware University); Shivnath Ghosh (Brainware University)*; Sohini Ghosh (Brainware University); Amitava Podder (Brainware University); Somsindhu Das (Brainware University)	6th March 2025 (Session 3); 12:45PM-2PM
174	Segmenting Fingerprints using Deep Learning: A Step towards Touchless Fingerprinting	Online	Puneet Nahar	Puneet Nahar (UIET, Panjab University)*; Reetika . (IU International University of Applied Sciences)	
196	Chronic Kidney Disease Prediction Using Machine Learning and Deep Learning Models	Online	shaik rafi	shaik rafi (Narasaraopeta Engineering College)*; Nuti Revanth (Narasaraopeta Engineering College); Kota Veera Raghavareddy (Narasaraopeta Engineering College); Kurra MaheshBabu (Narasaraopeta Engineering College); Yallanti Likith Prasanna kumar (Narasaraopeta Engineering College)	
197	Deep Learning Solutions for Soybean Leaf Infestation: A VGG19-Based Approach	Online	Rajani Ch	Rajani Ch (Narasaraopeta Engineering College)*; Triveni Dasari (Narasaraopeta Engineering College)	
209	Ensuring Data Quality in CMMS Systems: Techniques and Tools	Online	Abhinav Parashar	Abhinav Parashar (Independent Reseacher)*; Neepakumari Gameti (Independent Researcher)	
229	Denoising Ring Laser Gyroscope Data Using Deep Learning Model	Online	K Sathvik Kamath	K Sathvik Kamath (College of Engineering Trivandrum)*; M Lekshmi Nair (College of Engineering Trivandrum); Anish G S (ISRO Inertial Systems Unit Trivandrum); Nikhil M (College of Engineering Trivandrum); Sivasankar T (ISRO Inertial Systems Unit Trivandrum)	
236	IoT-based Surveillance Robot Using ESP-32 Wi-Fi Cam	Offline	Vivek Sharma	Vivek Sharma (IIIT Una)*; Gurpreet Kaur (IIITUNA)	
237	Detecting Sarcasm Across Headlines and Text	Online	shaik rafi	shaik rafi (Narasaraopeta Engineering College)*; Lakshmi Niharika Ambati (Narasaraopeta Engineering College); Neelima Seva (Narasaraopeta Engineering College); Nikhitha Kadiyala (Narasaraopeta Engineering College); SathyamReddy Mothe (Narasaraopeta Engineering College); Sireesha Moturi (Narasaraopeta Engineering College)	

6th March 2025 (Session 4); 2.30 PM – 3.45 PM

247	Multimodal: A Text-Image based Cyber-Bullying Detecting with Deep Learning	Online	shaik rafi	shaik rafi (Narasaraopeta Engineering College)*; Ambati Ajaykumar (Narasaraopeta Engineering College); Ramakrishna Eluri (Narasaraopeta Engineering College); Narasimha Reddy (Narasaraopeta Engineering College)	6th March 2025 (Session 4); 2.30 PM – 3.45 PM
249	Enhancing Wine Quality Prediction Through Machine Learning Techniques	Online	Syed Rizwana	Syed Rizwana (Narasaraopeta Engineering College)*; Pasupuleti Murali Priya (Narasaraopeta Engineering College); Kapu Suvarshitha (Narasaraopeta Engineering College); Modhepalli Gayathri (Narasaraopeta Engineering College); Eluri Ramakrishna (Narasaraopeta Engineering College)	
251	Computer Aided Detection Of Breast Cancer Using Bio Inspired Algorithm	Online	Syed Rizwana	Syed Rizwana (Narasaraopeta Engineering College)*; Peddi Kavya (Narasaraopeta Engineering College); Bolla Vinay Pooja (Narasaraopeta Engineering College); Bandi Poojitha (Narasaraopeta Engineering College); KHAJA MOHIDDIN BASHA SHAIK (NARASARAOPETA ENGINEERING COLLEGE)	
255	Text-Based Emotion Analysis: Approaches and Evaluations	Online	Chandana Yamani	Chandana Yamani (Narasaraopeta Engineering College)*; Kothamasu Thylokya (Narasaraopeta Engineering College); Bijjala Sirisha (Narasaraopeta Engineering College); Seetha Bhagyalatha (Narasaraopeta Engineering College); Eluri Rama Krishna (Narasaraopeta Engineering College); Dr. Sireesha Moturi (Narasaraopeta Engineering College)	
267	MRI Lumbar Spine Disease Classification Using Deep Visual Transformer Model	Online	Harsh Bamoria	Harsh Bamoria (Roboskillify)*	
281	Exploratory Data Analysis and Predicting Indian Crime Against Women Using Machine Learning Approaches	Online	valarmathi B	valarmathi B (VIT University)*; Srinivasa Gupta N (VIT University, Vellore); K SANTHI (VIT University); Chellatamilan T (Vellore Institute of Technology); sameeksha nanda (Vellore Institute of Technology, Vellore)	
289	PotatoGuard: A Robust System for Potato Disease Automated Detection and Classification	Online	Rohini Singh	Rohini Singh (Rashtriya Raksha University)*; Aakansha Saxena (Rashtriya Raksha University); Saurabh Saxena (BITS Pilani)	
295	Exploring Latent Spaces for Generating Challenging Datasets using Variational Autoencoders	Online	Vandana Bhattacharjee	Akshay Gupta Narsina (BIT Mesra); Daksh Begani (BIT Mesra); Vandana Bhattacharjee (BIT Mesra)*	

6th March 2025 (Session 5); 2.30 PM – 3.45 PM

299	Bridging Classic and Modern English: An NLP Approach to Translation and Educational Chatbots in English Literature	Online	Shreshtha Bhowmik	Shreshtha Bhowmik (Mukesh Patel School of Technology Management and Engineering, NMIMS)*; Ami Munshi (Nmims); Shreelekha Lotankar (Mukesh Patel School of Technology Management and Engineering, NMIMS, Mumbai); Monark Dixit (NMIMS's MPSTME)	6th March 2025 (Session 5); 2.30 PM – 3.45 PM
300	SIGN LANGUAGE INTERPRETER BASED ON COMPUTER VISION AND VOSK	Online	V Vijay Bala	V Vijay Bala (Sri Sairam Engineering College)*; T Sivasakthi (Sri Sairam Engineering College); Yogunth IE (Sri Sairam Engineering College); Yugesh Saravana C (Sri Sairam Engineering College)	
302	Career Recommendation using Machine Learning for Secondary Education	Offline	Akshar Vadwala	Akshar Vadwala (Madhuben and Bhanubhai Patel Institute of Technology, New Vallabh Vidyanagar, Anand, Gujarat, India)*	
307	Explainable Deep Learning Models for Clinical Decision Support in Diabetic Retinopathy Detection	Online	Padmapriya S T	Padmapriya S T (Thiagarajar College of Engineering, Madurai)*; Sharmila M (Thiagarajar College of Engineering, Madurai); Kavaya shree A (Thiagarajar College of Engineering, Madurai); Prem Kumar J B (Conversight. AI, Coimbatore)	
322	InterConv: Conversational Agent That Handles Interruptions Like Humans	Online	Kushal Garg	Kushal Garg (Ramaiah Institute of Technology)*; Lincy Mathews (Ramaiah Institute of Technology); Prashanth Kambli (Ramaiah Institute of Technology)	
327	Optimizing Managerial Selection Parameters using AI Approach	Offline	Anju Khandelwal	Anju Khandelwal (Balaji Institute of Management & HRD, Sri Balaji University, Pune)*; Avanish Kumar (Department of Mathematics and CA, Bundelkhand University, Jhansi)	
341	Flood Susceptibility Prediction Using Machine Learning: A Case Study of the Ghaghra Basin	Online	priya Mishra	priya Mishra (School of Computer Science and Engineering Galgotias University, Greater Noida)*; Sanjeev Prasad (School of Computer Science and Engineering Galgotias University, Greater Noida)	
365	Decision Support System for predicting crop yield using ARIMA, SARIMA and fuzzy logic models	Online	Jyothi Swaroop Chalamalasetty	Jyothi Swaroop Chalamalasetty (Velagapudi Ramakrishna Siddhartha Engineering College)*; Puttla Bharath (Velagapudi Ramakrishna Siddhartha Engineering College)	

6th March 2025 (Session 6); 2.30 PM – 3.45 PM

376	A Multi-Modality Approach to Breast Cancer Diagnosis: Fusing Ultrasound with Other Imaging Techniques	Online	Syed Rizwana	Syed Rizwana (Narasaraopeta Engineering College)*; Shaik Inthiyaz (Narasaraopeta Engineering College); Ala Lakshmi Priyanka (Narasaraopeta Engineering College); Tirunavalli Mohana (Narasaraopeta Engineering College); KHAJA MOHIDDIN BASHA SHAIK (NARASARAOPETA ENGINEERING COLLEGE)	6th March 2025 (Session 6); 2.30 PM – 3.45 PM
402	A Novel Approach to Weather Forecasting using Regression Analysis	Online	kapil gupta	kapil gupta (AMITY UNIVERSITY LUCKNOW)*; Aarushi Chauhan (Amity University, Lucknow); Namrata Dhanda (Amity University Uttar Pradesh Lucknow)	
403	SpinalDeepRS152: Classification and Prediction of Multi Class Spinal Diseases with Deep Residual Neural Network - ResNet152	Online	Shiva Prasad	Shiva Prasad (VelTech University)*; Jana S (Veltech Rangarajan Dr Sagunthala R&D Institute of Science and Technology)	
405	Beyond Parental Height: A Multi-Model Deep Learning Approach for Personalized Adult Height Prediction	Online	Dr.Siva Nageswara Rao S	Dr.Siva Nageswara Rao S (Narasaraopeta Engineering College)*; Siva Nagendra Akurathi (Narasaraopeta Engineering College); Guntur Gowtham (Narasaraopeta Engineering College); Challa Ravi Sankar (Narasaraopeta Engineering College); Marella Venkat (Narasaraopeta Engineering College)	
414	Improving Passenger Experience: Predicting Airline Delays Through Machine Learning	Online	Dr.Siva Nageswara Rao S	Dr.Siva Nageswara Rao S (Narasaraopeta Engineering College)*; Kode Venkata Naveen (Narasaraopeta Engineering College); Porugandi Ashok (Narasaraopeta Engineering College); Mallavarapu Rishik Mouli (Narasaraopeta Engineering College); Chandana Yamani (Narasaraopeta Engineering College)	
416	Brain Hemorrhage Detection in Medical Imaging	Online	Dr.Siva Nageswara Rao S	Dr.Siva Nageswara Rao S (Narasaraopeta Engineering College)*; Balam Rama Krishna (Narasaraopeta Engineering College); Shaik Abbas (Narasaraopeta Engineering College); Chintapalli Pavan Sai (Narasaraopeta Engineering College); neelima yaragani (Narasaraopeta Engineering College(Autonomous))	
417	Advanced Water Quality Prediction: Leveraging Genetic Optimization and Machine Learning	Online	Dr.Siva Nageswara Rao S	Dr.Siva Nageswara Rao S (Narasaraopeta Engineering College)*; Chagala Sunitha (Narasaraopeta Engineering College); Shaik Najma (Narasaraopeta Engineering College); Naladummi Nagalakshmi (Narasaraopeta Engineering College); T G Ramnadh Babu (Department of CSE, Narasaraopeta Engineering College)	
422	Automated Traffic Sign Recognition via CNN Deep Learning	Online	Kandi Narasimhareddy	Kandi Narasimhareddy (Narasaraopeta Engineering College)*; yenuganti Narendra (Narasaraopeta Engineering College)	

6th March 2025 (Session 7); 4.45 PM – 6.15 PM

426	Assessing the Impact of Leveraging Generative AI for Strategic Decision-Making: A Comprehensive Way to Enhancing Managerial Effectiveness in Dynamic Business Environments	Online	Bhalchandra Bapat	Bhalchandra Bapat (Reliance Jio Platforms Limited); Kamal Malik (Computer Science Engineering CT University); Molika Garg (Swiss School of Business and Management); Satish Kumar Thirlangi (Swiss School of Business and Management); Mani Gopalsamy (Independent Researcher)	6th March 2025 (Session 7); 4.45 PM – 6.15 PM
430	Automated Classification of Sleep Apnea Types Using CNNs and SVMs on Physiological Data	Online	Shiva Mehta	Shiva Mehta (Centre for Research Impact & Outcome, Chitkara University, Rajpura-140401, Punjab, India)*; Amanveer Singh (Chitkara Centre for Research and Development, Chitkara University, Himachal Pradesh,174103, India)	
431	Hybrid Models for Medical Image Analysis: CNN-SVM in Diabetic Foot Ulcer Detection	Online	Shiva Mehta	Shiva Mehta (Centre for Research Impact & Outcome, Chitkara University, Rajpura-140401, Punjab, India)*; Abhinav Rathour (Chitkara University)	
432	AI in Agriculture: Hybrid Convolutional Neural Networks and Random Forest for Sunflower Disease Identification	Online	Shiva Mehta	Shiva Mehta (Centre for Research Impact & Outcome, Chitkara University, Rajpura-140401, Punjab, India)*; Aseem Aneja (Chitkara Centre for Research and Development, Chitkara University, Himachal Pradesh,174103, India)	
434	Deep Learning-Augmented Random Forest for Retinal Disease Prediction and Classification	Online	Shiva Mehta	Shiva Mehta (Centre for Research Impact & Outcome, Chitkara University, Rajpura-140401, Punjab, India)*; Abhinav Rathour (Chitkara Centre for Research and Development, Chitkara University, Himachal Pradesh,174103)	
435	A Novel Hybrid Approach for Lung Cancer Classification Using CNN and RF	Online	Shiva Mehta	Shiva Mehta (Centre for Research Impact & Outcome, Chitkara University, Rajpura-140401, Punjab, India)*; Savinder Kaur (Chitkara Centre for Research and Development, Chitkara University, Himachal Pradesh,174103, India)	
436	A Scalable Deep Learning Framework for Urban Vehicle Accident Detection with CNN-GAN	Online	Shiva Mehta	Shiva Mehta (Centre for Research Impact & Outcome, Chitkara University, Rajpura-140401, Punjab, India)*; Danish Kundra (Chitkara University)	
458	Brain MR Image Restoration using Hybrid LSTM-Unet Approaches	Online	Kavita Singh	Kavita Singh (University of Allahabad)*; Rajesh Kumar (University of Allahabad)	
468	Code-Mixed English-Indian Languages: Hate Speech Dataset Analysis	Offline	Manoj Saini	Manoj Saini (GLA University); Rahul Pradhan (Gla University); Dr Dilip Kumar Sharma (GLA University Mathura)	

6th March 2025 (Session 8); 4.45 PM – 6.15 PM

472	Neuroimaging Feature Extraction Meets Clinical Data Integration: A CNN-RF Hybrid for Parkinson's Classification	Online	Shiva Mehta	Shiva Mehta (Centre for Research Impact & Outcome, Chitkara University, Rajpura-140401, Punjab, India)*; Danish Kundra (Chitkara University)	6th March 2025 (Session 8); 4.45 PM – 6.15 PM
476	A Blockchain Framework for Federated Learning: Privacy, Security, and Scalability	Online	Shiva Mehta	Shiva Mehta (Centre for Research Impact & Outcome, Chitkara University, Rajpura-140401, Punjab, India)*; Rajat Saini (Chitkara Centre for Research and Development, Chitkara University, Himachal Pradesh,174103, India)	
505	Automated Wind Turbine Inspection and Structural Damage Detection Using YOLOv5s	Online	Vishwajeet Karpe	Vishwajeet Karpe (Vishwakarma Institute of Information Technology)*; Rushikesh Gaikwad (Vishwakarma); Om Gole (Vishwakarma Institute of Information and Technology); Prasad Gore (Vishwakarma Institute of Information Technology); Riddhi Mirajkar (VIIT Pune); Nitin Sawalkar (Vishwakarma Institute of Information Technology, Pune)	
509	Crop Yield Prediction via CNN-Transformer Architecture Leveraging Satellite Imagery and Weather Data	Online	Shadab Khan	Shadab Khan (Chandigarh University)*; Akanksha Singh (Chandigarh University)	
511	The Effects of Trust in Streamers and Virtual Try-Ons on People's Intention to Purchase Fashion Products on the TikTok Application	Online	Rosita Noviana	Rosita Noviana (BINUS Business School)*; Safira Fathin (Bina Nusantara University); Ayutyas Sayekti (IPB University); Kharisma Fitri Hapsari (IPB University)	
512	Efficacy of Google Assistant and Siri for Female L2 Learners with Regional Accents	Online	Vinith Nair	Vinith Nair (Amrita Vishwa Vidyapeetham)*; GOWRI P B NAIR (Amrita School of Business); Navya R S (Amrita School of Business)	
519	Integrating BERT and LSTM for Enhanced Contextual Understanding Sentimental Analysis on Text	Online	indhumathi S	indhumathi S (Saveetha School of Engineering,)*	
522	Syllabary Pattern Recognition and Enhanced Syllabary Analysis Using Deep Neural Networks from Palaeographic Writings	Online	EZHILARASI S	EZHILARASI S (College of Engineering Guindy campus Anna University Chennai)*; UMAMAHESWARI P (COLLEGE OF ENGINEERING, ANNA UNIVERSITY)	
528	Classification of Eight Gait Phases Using Machine Learning: Integration of Multi-Source Gait Data	Online	Jyotindra Narayan	Amal Mekni (Higher Institute of Information and Communication Technologies); Jyotindra Narayan (Imperial College London)*; Hassène Gritli (ENIT)	

6th March 2025 (Session 9); 4.45 PM – 6.15 PM

536	Early Detection of Alzheimer's Disease Using Machine Learning Techniques	Online	Yash Kumar	Yash Kumar (Chandigarh University)*; Vageshwari Chaudhary (Chandigarh University); Megha Megha (Chandigarh University); Yash Kalbhile (Chandigarh University); Aishwarya Ladha (Chandigarh University); Aryan Arman (Chandigarh University)	6th March 2025 (Session 9); 4.45 PM – 6.15 PM
537	Hindi Handwritten Character Recognition Using Histogram of Oriented Gradients Feature	Online	SHUBHAM SRIVASTAVA	SHUBHAM SRIVASTAVA (SGSITS Indore)*; Ajay Verma (IET DAVV); Shekhar Sharma (SGSITS)	
686	Biodegradable and Non-biodegradable Materials Segregation Using AI-enabled Mobile Application	Online	Satyajit Mahapatra	RITESH MAURYA (Amity Centre for Artificial Intelligence, Amity University, Noida); Abhishek Kumar (National Institute of Technology Manipu); Piyush Kumar Pandey (IMS Engineering College Ghaziabad); Satyajit Mahapatra (MIT Manipal)*	
692	Multilingual Video Translation and Speech Synthesis: A Deep Learning Approach for Seamless Language Adaptation	Offline	Frania Chettiar	Frania Chettiar (NMIMS-MPSTME)*; Kapil Rathor (MUKesh Patel School of Technology Management and Engineering , NMIMS, Mumbai); Harsh Lahrani (NMIMS-MPSTME)	
764	DESIGN AND IMPLEMENTATION OF LOW POWER AND LOW AREA RISC CORE USING VEDIC MATHEMATICS	Online	Akshaya Ganorkar	Akshaya Ganorkar (Maven silicon)*	
1233	Adaptive Traffic Signal Management Using Real-Time Vehicle Detection and Tracking	Offline	Richa Khandelwal	Richa Khandelwal (Shri Ramdeobaba College of Engineering and Management, Nagpur)*; Sarvesh Shirulkar (Shri Ramdeobaba College of Engineering and Management Nagpur); Rishabhdev Makode (Shri Ramdeobaba College of Engineering and Management Nagpur)	
1361	Real-Time Social Media Sentiment Prediction Using BERT, CNN, and LSTM Techniques	Offline	Saurabh Srivastava	Saurabh Srivastava (Chandigarh University)*; Vinay Kumar Tripathi (Mercer Pvt Ltd); Shubham Tripathi (Chandigarh University); Arvintha Samy (Chandigarh University); Monika Bhat (Chandigarh University); Ankit Kumar (Chandigarh University)	
1397	Histopathological Image Classification: EfficientNetB3 vs Custom CNN for Cancer Detection	Online	Shiva Mehta	Shiva Mehta (Centre for Research Impact & Outcome, Chitkara University, Rajpura-140401, Punjab, India)*; Savinder Kaur (Chitkara Centre for Research and Development, Chitkara University, Himachal Pradesh-174103 India)	

1803	DisasterFormer: An Enhanced Transformer with Edge-Guided Attention for Disaster Image Recognition	Online	Ankit Yadav	Abhinav Srivastava (Bennett University); Harsh Ullas Nair (Bennett University); Bishal Saha (Bennett University); Ankit Yadav (Delhi Technological University)*	
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Day 2; 7th March 2025 (Friday)

1606	TransDFD: A Deepfake Detection System of Mesoscopic level Deepfake-guard-AI	Online	Sachin Mishra	Sachin Mishra (Government Engineering College Raipur)*; Aakansha Sharma (Government Engineering College Raipur)	7th March 2025 (Session 10); 9 AM – 10.00 AM
2407	Navigating Drug Design and Toxicity Profiling Using Reinforcement Learning in Pharmaceutical Research	Online	Vishwash Sharma	Vishwash Sharma (Amrita school of Engineering Bangalore)*; Shreya Shree S (Amrita School of Computing, Bengaluru); Priyanka Prakash Katariya (Amrita School of Computing, Bengaluru); Nippun Kumar A.A. (Amrita School of Computing, Bengaluru)	
2469	Classifying Tomato Leaf Diseases Using Diverse Deep Learning Architectures: AlexNet, DenseNet, Inception, Xception	Online	Prabhjot Kaur	Aditya Verma (DIT UNIVERSITY); Prabhjot Kaur (Dehradun Institute of Technology)*	
543	Fake Profile Detection Using Machine Learning	Online	Dr. Sireesha Moturi	Dr. Sireesha Moturi (Narasaraopeta Engineering College)*; Tirumalarao S.Naga (Narasaraopeta Engineering College); SUNEETHA Mothe (Narasaraopeta Engineering College); Lakshmi Sri Harsha Ravi (Narasaraopeta Engineering College); Najeer Shaik (Narasaraopeta Engineering College); Manikanta Rohit Sistla VS (Narasaraopeta Engineering College); Venkat Reddy Doda (Narasaraopeta Engineering College)	
560	Assessing the Effectiveness of Disaster Management Strategies Through Advanced Techniques	Online	Hiranmaye Sarpana Chandu	Hiranmaye Sarpana Chandu (Independent Researcher)*	
598	PDF to EPUB Transformation: An Overview of Editing and Conversion Tools	Online	Suyog Jagdale	Suyog Jagdale (GH Raisoni College of Engineering and Management Pune)*; Jaydeep Jagdale (GH Raisoni College of Engineering and Management Pune); Aniruddha Jadhav (GH Raisoni College of Engineering and Management Pune); Pushpi Rani (G H RAISONI COLLEGE OF ENGINEERING AND MANAGEMENT)	

7th March 2025 (Session 11); 9 AM – 10.00 AM

673	Solving Inverse Kinematics of a 2-DoF Upper-Limb Exoskeleton Robot Through Metaheuristic Optimization of ANN Hyperparameters	Online	Jyotindra Narayan	Rania Bouzid (Ecole polytechnique de Tunisie); Hassène Gritli (ENIT); Jyotindra Narayan (Imperial College London)*	7th March 2025 (Session 11); 9 AM – 10.00 AM
725	Smart Personal Protective Equipment (PPE) Systems: Integrating Deep Learning to Improve Workplace Safety	Online	Pawan Vishwakarma	Pawan Vishwakarma (Independent Researcher)*; Muthuvel Raj Suyambu (BESS Projects Energy Vault California)	
755	Deep Learning-Based Tomato Leaf Disease Identification: Enhancing Classification with AlexNet	Online	Teja Charan Dulla	Teja Charan Dulla (Narasaraopeta Engineering College)*; Naga Thirumala Rao (Narasaraopeta Engineering College); Sireesha Moturi (Narasaraopeta Engineering College); Vamsi Krishna Kolla (Narasaraopeta Engineering College); Guna Schekar Kurakula (Narasaraopeta Engineering College); Suneetha Mothe (Narasaraopeta Engineering College); Venkata Reddy Dodda (Narasaraopeta Engineering College)	
794	Sign Language Detection System Using CNN and HOG: Bridging the Communication Gap for Deaf and Hearing Communities	Online	Lalit Patil	Lalit Patil (G H Raisoni College of Engineering and Management)*; Aditi Shegokar (GHRCEM); Tejas Kale (GHRCEM)	
1796	Empowering Smart Living: FPGA-Enabled Home Automation for Enhanced Safety, Security, and Efficiency	Offline	Narendra Beniwal	Narendra Beniwal (BIET JHANSI)*; Shruti Kalra (Department of Electronics and Communication Jaypee Institute Of Information Technology Noida, India); Ruby Beniwal (Department of Electronics and Communication Jaypee Institute Of Information Technology Noida, India)	
798	Diabetic Macular Edema Detection and Classification Using Advanced Convolutional Neural Networks	Online	Keerthana I P	Keerthana I P (Sahrdaya College of Engineering and Technology, Thrissur, Kerala, India.)*; Satheesh R (Sahrdaya College of Engineering and Technology)	

7th March 2025 (Session 12); 9 AM – 10.00 AM

834	Artificial Intelligence-Driven Approaches for Automatic Wafer Map Failure Detection in Semiconductor Manufacturing	Online	Hiranmaye Sarpana Chandu	Hiranmaye Sarpana Chandu (Independent Researcher)*; Sumeet Mathur (University of Waikato NZ - Joint Institute at Zhejiang University Hangzhou, China); Sandeep Gupta (SATI, Vidisha)	7th March 2025 (Session 12); 9 AM – 10.00 AM
860	Hybrid Deep Learning for Automatic Gauge Reading with CNN-Bidirectional GRU-LSTM	Online	Hitesh Ninama	Hitesh Ninama (Devi Ahilya Vishwavidyalaya indore)*; Jagdish Raikwal (Devi Ahilya Vishwavidyalaya indore)	
905	Sentiment Analysis in English-Punjabi Mixed Social Media Posts	Online	ABHISHEK TIWARI	ABHISHEK TIWARI (Chandigarh University)*; Jiya Sehgal (Chandigarh University); MUKHTIAR SINGH (CHANDIGARH UNIVERSITY- MOHALI); Ashutosh mishra (Chandigarh university)	
907	Comparing Deep Reinforcement Learning Methods for HVAC System Optimization with Forecast Parameters Over Various Time Periods	Online	Hema M S	Hema M S (Sri Venkateshwara College Engineering)*	
935	Student Performance Predictions Using Ensemble Models and Hyperparameter Tuning	Online	Gowtham Kumar Reddy Mutukundu	Gowtham Kumar Reddy Mutukundu (Chandigarh university)*; Nitin Sharma (Chandigarh University, Mohali)	
966	An Automated Property Pricing System using Machine Learning	Online	kapil gupta	Abhinav Dubey (AMITY UNIVERSITY LUCKNOW); Arvind Lovewanshi (AMITY UNIVERSITY LUCKNOW); Manikant Thakur (AMITY UNIVERSITY LUCKNOW); Namrata Dhanda (Amity University Uttar Pradesh Lucknow); kapil gupta (AMITY UNIVERSITY LUCKNOW)*	

7th March 2025 (Session 13); 11 AM – 1.00 PM

974	IoT-Based Home Automation: Augmented Reality Enabled Plant Watering System.	Online	Kshitija Dupare	Tushar Ganvir (Vishwakarma Institute of Technology, Pune); Kshitija Dupare (Vishwakarma Institute of Technology, Pune)*	
982	IoT-Integrated Image Recognition System for Microplastic Detection and Classification	Online	Kausain Mirani	Kausain Mirani (KJ Somaiya Institute of Technology)*; Revati Chandekar (KJ Somaiya Institute of Technology); Keerthiga Aruvelan (KJ Somaiya Institute of Technology); Komal Bhat (KJ Somaiya Institute of Technology); Jyoti Wadmare (K. J. Somaiya Institute of Technology, Sion Mumbai)	
1169	Text-to-Image Generation Using Stable Diffusion	Online	Vaishali Baviskar	Vaishali Baviskar (G. H. Raisoni College of Engineering & Management, Pune)*; Dhananjay Kokne (GHRACCS, Pune); Rajashri Gaikwad (GHRACCS, Pune); Rachana Sable (G H Raisoni Institute of Engineering & Technology, Wagholi Pune); Pravin Shelke (GHRCEM, Pune); Swaraj Malwadkar (GHRCEM, Pune); Tapasya Shinde (GHRCEM, Pune); Madhushi Verma (Bennett University)	

1194	Facial Emotion Recognition with CNNs: Analyzing Accuracy and Demographic Factors	Online	Dhruv Soni	Dhruv Soni (Chitkara University)*; Ashu Taneja (Chitkara University); Srinivas Aluvala (School of Computer Science and Artificial Intelligence, SR University, Warangal); Saif Obbayed (College of technical engineering, The Islamic University, Najaf)
1198	Leveraging Transfer Learning and Synthetic Datasets for Multi-Class Insect Identification	Online	Dhruv Soni	Dhruv Soni (Chitkara University)*; Ashu Taneja (Chitkara University); Bura Vijay Kumar (School of Computer Science and Artificial Intelligence, SR University, Warangal); Zaeid Ajsan Salami (College of technical engineering, The Islamic University, Najaf)
1200	Enhancing Cancer Diagnosis: CNN-Based Classification of Lung and Colon Histopathological Images	Online	Dhruv Soni	Dhruv Soni (Chitkara University)*; Ashu Taneja (Chitkara University); Gotte Ranjith Kumar (School of Computer Science and Artificial Intelligence, SR University, Warangal); Ramee RiadhWsein (College of technical engineering, The Islamic University, Najaf)
1225	Robust CNN based approach for Indoor localization using RSSI	Online	Kunal Thakur	Kunal Thakur (Chitkara University)*; Lav Soni (Chitkara University); Ashu Taneja (Chitkara University)
1227	CNN based Optimized Autoencoder for Satellite Image Compression	Online	SARAVANAN S	SARAVANAN S (B V Raju Institute of Technology)*; KALAIYARASI M (Saveetha School of Engineering, Saveetha Institute of Medical And Technical Sciences); karthi Shankar (V.S.B.Engineering College); Sowmya Sri P. (B V Raju Institute of Technology)
1229	Multimodal Machine Learning Approaches for Enhanced Detection and Management of Hypertrophic Cardiomyopathy	Online	Akash Kumar	Ishdeep Singla (IK Gujral Punjab Technical University , Kapurthala); ATHULYA JAYAN V (CHANDIGARH UNIVERSITY); Nikhil Maurya (Chandigarh University); Akash Kumar (Chandigarh University)*; Harshit Mishra (chandigarh university); Akshita Sharma (chandigarh university)
1244	Prediction of Land Use and Land Cover Using Google Earth Engine (GEE) and Machine Learning Algorithms: A Review	Online	Promptucs Jackson	Promptucs Jackson (Chandigarh University)*; Paurav Goel (CHANDIGARH UNIVERSITY); Sartajvir Singh (Chandigarh University)
1260	End-to-End Deep Learning for Autonomous Steering Angle Prediction A Dataset-Driven Approach	Online	Kunal Thakur	Kunal Thakur (Chitkara University)*; Ashu Taneja (Chitkara University); Komuravelly Sudheer Kumar (School of Computer Science and Artificial Intelligence, SR University, Warangal); Hasssan MuhamedAle (Department of computers Techniques engineering, College of technical engineering, The Islamic University, Najaf, Iraq)
1280	Deep Learning and Natural Language Processing Integrated Gold Price Forecasting	Online	SRIDHAR IYER	G Kirtika (University teaching department); Rahul Pandya (Indian Institute of Technology Dharwad); SRIDHAR IYER (KLE Technological University, MSSCET-Belagavi Campus)*

**7th March 2025
(Session 13);
11 AM – 1.00 PM**

7th March 2025 (Session 14); 11 AM – 1.00 PM

1289	Time table generator: Using Genetic Algorithm	Online	Siddhant Jhaveri	Siddhant Jhaveri (NMIMS)*; Rohan Dave (NMIMS); Tejas Jagasia (NMIMS); Dhruv Pandey (NMIMS); Ankita Nagmote (NMIMS)
1315	Optimized Lightweight Network for Enhanced Image Denoising	Online	ARTI JAIN	ARTI JAIN (NIT RAIPUR)*
1341	Cassava Disease Classification with Mobiltention Architecture	Online	APARAJITA VAISH	APARAJITA VAISH (Shri Shankaracharya Institute of Professional Management and Technology, Raipur)*; Pradeep Singh (National Institute of Technology, Raipur (An Autonomous Institute of National Im)
1353	MobileNet-Based Tomato Leaf Disease Detection: Enhancing Agricultural Diagnostics through Deep Learning	Online	Apurv Sharma	Apurv Sharma (Chandigarh University)*; Jatinder Saini (Chandigarh University)
1374	DermMultiNet: Deep-Learning Based Classification of Skin Lesions from Dermoscopic Images	Online	Karthik R	Karthik R (VIT University Chennai Campus)*; Vishnu Gadige Vardhan (VIT University Chennai Campus); Shreyansh Khaitan (VIT University Chennai Campus); Harisankar R N R (VIT University Chennai Campus)
1412	MONITORING AND MAPPING VEGETATION DYNAMICS USING SENTINEL-2 IMAGERY	Online	Natya S	Natya S (Presidency University)*; Ashutosh Anand (Presidency University)
1416	Enhanced CNN Architecture with Residual Blocks and Regularization for AI-Generated Image Detection	Online	Jayanti Rout	Jayanti Rout (Fakir Mohan University)*; Minati Mishra (Fakir Mohan University)
1487	AI-Driven Game Mechanics: Implementing Finite State Machines in Pac-Man	Online	Baba Shaik	Yaswanth Kancharla (Amrita School of Computing); Baba Shaik (Amrita School of Computing)*; Rishi Manikanta Adapala (Amrita School of Computing); Revanth Sai Gurram (Amrita School of Computing); Gayathri Ramasamy (Amrita Vishwa VidyaPeetham)
1508	ColonNet: A hybrid of DenseNET121 & U-NET model for detection and Segmentation of GI Bleeding	Online	Nidhi Kushwaha	Nidhi Kushwaha (IIIT Ranchi)*; Ayushman Singh (Indian Institute of Information Technology Ranchi); Sharad Prakash (IIIT Ranchi); B Singh (IIIT Ranchi); Aniket Das (IIIT Ranchi)
1538	Intelligent Asset Tracking and Monitoring System	Online	RAVIKANT KHAMITKAR	RAVIKANT KHAMITKAR (Walchand Institute of Technology, Solapur)*; Rajendra Dube (Walchand Institute of Technology, Solapur)
1628	Advanced Pest Identification: An Efficient Deep Learning Approach Using VGG Networks	Online	Chandu Venkateswara Guptha Divvela	Chandu Venkateswara Guptha Divvela (Narasaraopeta engineering college)*; LAKSHMINADH K (Narasaraopeta engineering college); Dr. Sireesha Moturi (Narasaraopeta engineering college); neelima yaragani (Narasaraopeta Engineering College(Autonomous)); Jujjuri Sai (Narasaraopeta Engineering College); Rajesh Kandula (Narasaraopeta Engineering College); Venkata Reddy Dodda (Narasaraopeta Engineering College)
1639	A Blockchain-Based Anonymous Crime Reporting Platform Integrating Privacy-Preserving NLP for Enhanced Public Safety	Online	Pranjal Patil	Pranjal Patil (Sardar Patel Institute Of Technology)*; Mansi Dwivedi (Sardar Patel Institute Of Technology); Rupali Sawant (Sardar Patel Institute Of Technology); Dishita Ashar (Sardar Patel Institute Of Technology); Hardik Shrivastava (Sardar Patel Institute Of Technology)

**7th March 2025
(Session 14);
11 AM – 1.00 PM**

7th March 2025 (Session 15); 11 AM – 1.00 PM

1693	Enhanced Blockchain-Based Big Data Authentication for Distributed Environments: An Analytical Study	Online	Bhuvanesh Ananthan	Priyanka Pawar (University of the Cumberland); Deepak Kumar (University of the Cumberland); Akhila Reddy Yadulla (University of the Cumberland); Vinay Kumar Kasula (University of the Cumberland); Bhuvanesh Ananthan (PSN College of Engineering and Technology)*; Keerthanadevi R (PSN College of Engineering and Technology)
1708	Incorporating Machine Learning into Agile Scrum for Predictive Defect Management	Online	Abhishek Goyal	Abhishek Goyal (Honeywell Inc)*; Sandeep Gupta (SATI, Vidisha)
1735	Performance and Security Evaluation of Chaotic Maps for Image Scrambling in Real-Time Applications	Online	Saradha S	Subashini B (SRM Institute of Science and Technology); Panjatcharam V G (VET Institute of Arts & Science(Co-Ed) College); Saradha S (Nadha Engineering College)*
1790	Machine Learning Approaches for Fault Detection in Switchgear Equipment	Online	Raj Suyambu	Raj Suyambu (Independent Researcher)*; Pawan Kumar Vishwakarma (Independent Researcher); Sandeep Gupta (SATI, Vidisha)

1831	Multilingual Braille and Voice Translation Model for Visually Impaired Learners	Online	G Tejesh	G Tejesh (Nagarjuna College of engineering and technology)*; Tharun Kumar M (NAGARJUNA COLLEGE OF ENGINEERING AND TECHNOLOGY); Pruthvi R M (NAGARJUNA COLLEGE OF ENGINEERING AND TECHNOLOGY); Pavitra Gonal (NAGARJUNA COLLEGE OF ENGINEERING AND TECHNOLOGY); Rashmi P Karchi (NAGARJUNA COLLEGE OF ENGINEERING AND TECHNOLOGY)	7th March 2025 (Session 15); 11 AM – 1.00 PM
1933	6G-Enabled Attack Detection System for IoT-Driven Smart City Using Machine Learning	Online	Anjali Rajak	Anjali Rajak (NIT raipur)*; Shashi Tiwari (IIIT Naya Raipur); Prince Rajak (NIT Raipur); Rakesh Tripathi (NIT Raipur)	
1936	Multimodal Feature Integration for Advanced Pneumonia Diagnosis	Online	Rahul Gowtham Poola	Rahul Gowtham Poola (SRM UNIVERSITY, AP ANDHRA PRADESH)*; Siva Sankar Yellampalli (SRM UNIVERSITY, AP ANDHRA PRADESH); Yatin Tadiparthi (Robbinsville High School)	
1947	Sentiment Analysis of Code-Mixed WhatsApp Conversations (Hinglish): A Hybrid Approach	Online	Vipin Jain	Diksha Sinha (VIT Bhopal University); Vipin Jain (VIT Bhopal University)*; Abhay Narayan Pandey (VIT Bhopal University)	
1982	Towards Accessible Neurodegenerative Disease Diagnostics: Deep Learning Models for Alzheimer's Detection	Online	BAM BAHADUR SINHA	Allu Sudharshan Rao (National Institute of Technology Sikkim); BAM BAHADUR SINHA (National Institute of Technology Sikkim)*	
1991	Prediction of Particulate Matter-2.5 in Coastal Region of India Using ModGA-XGB Model	Online	Nairita Sarkar	Nairita Sarkar (National Institute of Technology Sikkim)*; Pankaj Kumar Keserwani (National Institute of Technology Sikkim); Mahesh Chandra Govil (National Institute of Technology Sikkim)	
2075	Military Aircraft Classification using Resnet50 based Faster R-CNN for Advanced Military Aircraft Surveillance	Online	Jaswanthi Machcha	Jaswanthi Machcha (Velagapudi Ramakrishna Siddhartha Engineering College)*; Mukesh Chinta (Velagapudi Ramakrishna Siddhartha Engineering College); Chandrika Chagamreddy (Velagapudi Ramakrishna Siddhartha Engineering College); Moseen Shaik (Velagapudi Ramakrishna Siddhartha Engineering College)	
2085	A Novel Approach to Farm Weather Prediction with Hybrid CNN, LSTM, and Attention Mechanisms	Online	A Lakshmanarao	Devapogu Kumar (Vignan's Foundation for Science,Technology&Research); Maganti Venkatesh (Aditya University,Surampalem); Vullam Nagagopiraju (Chalapathi Institute of Engineering and Technology); Vunnava Dinesh Babu (RV Institute of Technology); Chitri Rami Naidu (SRKR Engineering College (A)); A Lakshmanarao (Aditya University,Surampalem)*	

7th March 2025 (Session 16); 3 PM – 4.15 PM

2092	Integrating fault removal efficiency and S-shaped fault detection in software reliability growth modeling	Online	UMASHANKAR SAMAL	UMASHANKAR SAMAL (GLA UNIVERSITY)*; MASUM RAJ (GLA UNIVERSITY)	7th March 2025 (Session 16); 3 PM – 4.15 PM
2093	Unveiling Financial Distress: A Comparative Analysis of Random Forest and Naive Bayes Models	Online	Farida Kristanti	Farida Kristanti (Telkom University)*; Diandra Elsamayori (Telkom University)	
2094	Quality Exploration of PLMs for Summary Recommendation Considering Tweet Acceleration for Earthquake Events	Online	Tamal Mondal	Shrikant Manikrao Mahindrakar (D.Y.Patil International University); Tamal Mondal (Symbiosis Centre for Information Technology)*; Sirshendu Arosh (Symbiosis Centre for Information Technology)	
2163	Enhanced Elephant Herd Optimization Based Cluster Head Selection to Optimize QoS Parameter In IoT Enable Health Care System	Online	Rasmita jena	Rasmita jena (C.V.Raman Global University,BBSR,Odisha)*; Ram Chandra Barik (C.V.Raman Global University,BBSR,Odisha); Devendra Kumar Yadav (XIM University,Bhubaneswar, India)	
2207	MI-ConGR-At: A Hybrid Spatio-temporal Deep Learning Approach for Traffic Data Classification	Online	Mudasir Lone	Mudasir Lone (Aligarh Muslim University)*; Nadeem Akhtar (Aligarh Muslim University)	
2226	Realistic Lip-Sync Generation from Text for Multimodal Applications	Online	Susmitha Vekkot	Kaushik Doradla (Amrita School of Engineering); Praveen Karthik Konduru (Amrita School of Engineering); Satvik Gupta Taduvai (Amrita School of Engineering); Susmitha Vekkot (Amrita School of Engineering)*	
2237	Operationalizing AI Ethics - A Quantifiable Framework for Implementation and Assessment	Online	Devesh Kumar	Devesh Kumar (National Institute of Technology Hamirpur)*; Bhawani Singh Singla (National Institute of Technology Hamirpur); Rahul Kumar Choudhary (National Institute of Technology Hamirpur)	

7th March 2025 (Session 17); 3 PM – 4.15 PM

2240	Transitioning from Traditional to Integrated Crop Management: Advancing Cotton Production Practices	Online	Vipin Jain	Aditya Pise (VIT Bhopal University); Vipin Jain (VIT Bhopal University)*; Adelin Parinita (VIT Bhopal University); Ashok Sampat Pise (Dada Patil Mahavidyalaya, Karjat MH, India)	7th March 2025 (Session 17); 3 PM – 4.15 PM
2309	High-Performance File Searching with Rust: Parallelized Indexing for Enhanced Computational Efficiency	Online	Snehil Sinha	Snehil Sinha (Mukesh Patel School of Technology Management and Engineering)*; Prabir Kalwani (Mukesh Patel School of Technology Management and Engineering); Aayush Shah (Mukesh Patel School of Technology Management and Engineering); Jesleena Gonsalves (Mukesh Patel School of Technology Management and Engineering)	
2315	Multimodal Fake News Prediction using a Two-Transformer Architecture approach with Llama	Online	Premjith B	Vishnutheerth E.P (Amrita Vishwa Vidyapeetham); Premjith B (Amrita Vishwa Vidyapeetham)*; Sowmya V (Amrita Vishwa Vidyapeetham)	
2346	A Deep Learning Framework for Comparative Analysis in Flood Detection and Area Estimation	Online	Shiva Teja	Shiva Teja (Amrita Vishwa Vidyapeetham)*; Ashwaj U (Amrita Vishwa Vidyapeetham)	
2351	Enhancing Query Expansion with ML-SSO: A Machine Learning, Semantic, Statistical, and Ontological Framework	Online	Surabhi Solanki	Surabhi Solanki (Banasthali Vidyapith, Tonk, Rajasthan)*; Seema Verma (NITTR, Bhopal, India); Pulakesh Roy (Brainware University); Sachin Kumar (Parul University); Rajib Banerjee (UPES, Dehradun); Ajay Prasad (UPES, Dehradun)	
2384	Neural Network Framework based Malware Classification in Cybersecurity: A Hybrid Approach	Online	Mahmudur Rahman	Mahmudur Rahman (Daffodil International University)*; K. M. Sadman Sakib (Ahsanullah University of Science and Technology); KBM Tahmiduzzaman (University of Technology Sydney); Ravina Akter Youki (University of Technology Sydney); Jerin Akther Munia (Daffodil International University); Nikita Nikita (King's Own Institute Newcastle)	
2390	ASLTranscribe: An Integrated Approach for ASL Detection and Sentence Formation Using Transformer and GPT-2 Model	Online	Pratima Sarkar	Pratima Sarkar (Techno International New Town)*; Kritika Das (Techno International New Town); Bhabnashre Dutta Roy (Techno International Newtown); Aryan Basak (Techno International New Town); Nabanita Das (Techno International Newtown)	

7th March 2025 (Session 18); 3 PM – 4.15 PM

2395	An Effective Approach for Deepfake Video Detection using Binarized Neural Network	Online	Praveen K	Praveen K (National Institute of Technology Karnataka)*; Atul Pandey (National Institute of Technology Karnataka); Bhawana Rudra (National Institute of Technology Karnataka)	7th March 2025 (Session 18); 3 PM – 4.15 PM
2420	A Mutation Enhanced Water Cycle algorithm and Support Vector Machine for Feature Selection	Online	Teena Narang	Teena Narang (Chitkara University)*; Nitin Narang (Thapar Institute of Engineering & Technology)	
2430	A survey on Lattice-Based Key Establishment Schemes: Types, Evolution and Advances	Online	Akash Angom	Akash Angom (NIT Agartala)*; Nirmalya Kar (NIT Agartala); Tribid Debbarma (NIT Agartala); Priyanka Biswas (NIT Agartala)	
2543	Enhancing American Sign Language Recognition: A Comparative Study of LSTM and TensorFlow Zoo Models for Static and Non-Static Gesture Detection	Online	Rahesha Mulla	Rahesha Mulla (Symbiosis Institute of Technology, Pune)*	
1092	A Comprehensive CNN Approach for Reliable Breast Cancer Diagnosis	Online	Rahul Singh	Rahul Singh (Chitkara university)*	
1108	Proposed Convolutional Neural Network for the Detection of Guava Leaf Diseases	Online	Rahul Singh	Rahul Singh (Chitkara university)*	
1113	A Hybrid ResNet50-Random Forest Model for Accurate Eye Disease Classification	Online	Mohit Goel	Mohit Goel (Chitkara University)*; Jayapal Lande (SR University); Amaar Haamid Shnaeen (The Islamic University of Al Diwaniyah)	

7th March 2025 (Session 19); 3 PM – 4.15 PM

2635	Comparative Analysis of Interpolation Methods for Robot Trajectory Planning: A ROS2-Based Implementation on 7-DOF Panda Robot	Online	Vijay Semwal	Vijay Semwal (MANIT)*; Gera Ajeet (MANIT Bhopal); Srinivasulu Vardhini (MANIT Bhopal); Yadhunath Pathak (MANIT Bhopal); Neha Gaud (DAVV Indore)	7th March 2025 (Session 19); 3 PM – 4.15 PM
167	SRiyam Net: Exploring Emotion Recognition in Hindustani Classical Music	Online	Manish Katra	Priya Mishra (Dr BR Ambedkar National Institute of Technology, Jalandhar); Nisha Chaurasia (NIT Jalandhar); Manish Katra (GLA University)*	
233	Optimizing Crop Selection using Deep Machine Learning Approaches	Online	Shantilata Palei	Shantilata Palei (IIIT,BBSR/CSE)*; Puspanjali Mohapatra (IIIT BHUBANESWAR)	
1061	An Effective Integrative CNN-GRU Framework for Stock Price Forecasting	Online	Vishnu Kant	Vishnu Kant (Chitkara University Institute of Engineering and Technology, Chitkara University, Punjab, India)*; Naveen Tiwari (Rajkiya Engineering College Kannauj); Abhishek Bajpai (Rajkiya Engineering College, Kannauj); Mushtaq Ahmad Rather (Department of CSE-IoT Noida Institute of Engineering and Technology, Greater Noida Uttar Pradesh, India); SALIL BHARANY (Chitkara University, Rajpura, India)	
1117	Hand Fracture Detection Using Convolutional Neural Networks: A Deep Learning Approach for Automated Diagnostics	Online	Mohit Goel	Mohit Goel (Chitkara University)*; G Sunil (SR University); Hasssan MuhamedAle (The Islamic University of Al Diwaniyah)	
1164	EfficientNetB3 for Weather Detection: Towards High Precision in Multi-Class Image Analysis	Online	Jashanpreet Kaur	Jashanpreet Kaur (Chitkara University)*; shalli Rani (Chitkara University); Nagendar Yamsani (SR University); Mohammed I. Habelalmateen (The Islamic University)	
1179	Integrating CNN and KNN for Automated Diagnosis of Stripe Rust in Wheat	Online	Deepak Banerjee	Deepak Banerjee (Chitkara University)*; G Sunil (School of Computer Science and Artificial Intelligence, SR University, Warangal - 506371, Telangana, India); Zaeid Ajsan Salami (Department of computers Techniques engineering, College of technical engineering, The Islamic University, Najaf, Iraq)	

Day 3; 8th March 2025 (Saturday)

1356	Examining the Joint Influence of Sarcasm and Emotion on Gender Prediction	offline	Chanchal Suman	Chanchal Suman (IIT Patna)*; Ramesh Kumar Thakur (Indian Institute of Technology Patna, India)	8th March 2025 (Session 20); 9 AM – 10.00 AM
1403	ML-Driven Real-Time emotion and Stress Level Monitoring	Offline	Prashant Dwivedy	Prashant Dwivedy (Ramdeobaba University, Nagpur)*; Bharti Parate (Ramdeobaba University, Nagpur); Diksha Mathankar (Ramdeobaba University, Nagpur); Richa Khandelwal (Shri Ramdeobaba College of Engineering and Management, Nagpur)	
1405	Advancing Communication for the Hearing Impaired: Real-Time Sign Language Recognition and Translation	Offline	Prashant Dwivedy	Prashant Dwivedy (Ramdeobaba University, Nagpur)*; Richa Khandelwal (Shri Ramdeobaba College of Engineering and Management, Nagpur); Harish Khandelwal (Ramdeobaba University, Nagpur); Pratham Jaulkar (Ramdeobaba University, Nagpur); Krish Sharma (Ramdeobaba University, Nagpur)	
1447	PCB Test-Pad Detection and Clustering using PySpark and Image Processing	offline	Uzair Afnan Shaikh	Uzair Afnan Shaikh (MCT's Rajiv Gandhi Institute of Technology)*; Shikha Gupta (RGIT, Andheri(w), Mumbai); Bhavesh Panchal (Rajiv Gandhi Institute of Technology); Arya Sahane (Rajiv Gandhi Institute of Technology); Kasturi Pednekar (Rajiv Gandhi Institute of Technology); Akansha Wankhade (Rajiv Gandhi Institute of Technology)	
1470	A Text Processing and Translation Framework for Advancement of Maithili Language	Online	Dennis Singh Moirangthem	Arvind Pathak (IIIT Manipur); Dennis Singh Moirangthem (IIIT Manipur)*	
1587	Combating Fake News utilizing Content-Based Word Embedding and Language Features	Offline	Mayank Jain	Mayank Jain (MNIT Jaipur)*; Dinesh Gopalani (MNIT Jaipur); Dr. Yogesh Meena (Malaviya National Institute of Technology Jaipur); Anupam Kumar (NIT patna)	

8th March 2025 (Session 21); 9 AM – 10.00 AM

2053	Low-Latency Network Architecture for Tactile Internet	Offline	Dharmendu Sekhar Rout	Dharmendu Sekhar Rout (North-Eastern Hill University)*; Md. Iftekhar Hussain (Department of Information Technology, North-Eastern Hill University, Shillong, 793 022, India)	8th March 2025 (Session 21); 9 AM – 10.00 AM
2125	Attention-Enhanced Prototypical Networks for Few-Shot Microaneurysm Detection in Diabetic Retinopathy Images	Offline	Sarah Pendhari	Sarah Pendhari (University of Mumbai)*; Rishi Kewalya (University of Mumbai); Farhan Rizvi (University of Mumbai); Mohd Salique Khan (University of Mumbai); Nazneen Pendhari (University of Mumbai)	
2288	Unpaved Road Damage Detection via Semantic Segmentation: Enabling Smarter ADAS	Online	Ruchi Tripathi	Ruchi Tripathi (Delhi Technological University)*; S. Indu (Delhi Technological University); Rohit Kumar (Delhi Technological University)	
2521	RGB-D Detection and Localization for Agricultural Robotics in Low-Resource Settings	Offline	Neil Goradia	Neil Goradia (Dhirubhai Ambani International School)*	
2523	Info-ExtNet: An Information Extraction framework from Noisy Structured Documents	Offline	DEBAPRIYA BANIK	Sk Shamim Aktar (ICFAI UNIVERSITY TRIPURA); DEBAPRIYA BANIK (ICFAI UNIVERSITY TRIPURA)*	

2533	Musical Beat Recognition using Machine Learning	Offline	bittu kumar	Neeraj Kumar (Indian Institute of Information Technology, Bhopal); Nitin Yadav (Indian Institute of Information Technology, Bhopal); Sashwat Shukla (Indian Institute of Information Technology, Bhopal); Nisha Singhal (Indian Institute of Information Technology, Bhopal); bittu kumar (Koneru Lakshmaiah Education Foundation, Hyderabad)*	
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8th March 2025 (Session 22); 9 AM – 10.00 AM

1176	Medical image analysis with Deep Learning approach	Online	Nirmithi Deshmukh	Nirmithi Deshmukh (Chandigarh University)*; Kushagra Agrawal (Apex Institute of Technology (CSE), Chandigarh University, Gharuan, Mohali, Punjab, India, 140413); Atharva Markandey (Chandigarh University); Prashant Rai (Chandigarh University); Rimjhim D (Chandigarh University)	8th March 2025 (Session 22); 9 AM – 10.00 AM
2644	Identification of diagnostic biomarkers in post-traumatic stress disorder through machine learning	Offline	Dr Rohan Gupta	Risabh Kumar (Ravenwood High); Dr Rohan Gupta (Galgotias University)*	
1182	Data-Driven Insights into Potato Leaf Diseases: A CNN Approach to Early Blight Severity Classification	Online	Deepak Banerjee	Deepak Banerjee (Chitkara University)*; Komuravelly Sudheer Kumar (School of Computer Science and Artificial Intelligence, SR University, Warangal - 506371, Telangana, India.); Mohammed I. Habelalmateen (Department of computers Techniques engineering, College of technical engineering, The Islamic University, Najaf, Iraq)	
1193	Advancements in Real-Time Image Processing Using Kintex and Virtex FPGAs: Enhancing Speed, Efficiency, and Versatility	Online	Shishir Shrivastava	Shishir Shrivastava (Chitkara University)*	
1195	CNN and Logistic Regression for Accurate Mango Gummosis Severity Prediction	Online	Suraj Thakur	Suraj Thakur (chitkara university)*; Deepak Banerjee (Chitkara University); Srinivas Aluvala (Srinivas Aluvala School of Computer Science and Artificial Intelligence, SR University, Warangal - 506371, Telangana, India.); Ramee Riadhweein (Department of computers Techniques engineering, College of technical engineering, The Islamic University, Najaf, Iraq)	
1181	Enhancing Cauliflower Yield through Automated Leaf Disease Classification	Online	Deepak Banerjee	Deepak Banerjee (Chitkara University)*; Bura Vijay Kumar (School of Computer Science and Artificial Intelligence, SR University, Warangal - 506371, Telangana, India); Mohamied Husaein Fallaah (Department of computers Techniques engineering, College of technical engineering, The Islamic University, Najaf, Iraq)	

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1197	Revolutionizing Gemstone Classification with Hybrid CNN-KNN Models	Online	Suraj Thakur	Suraj Thakur (chitkara university)*; Deepak Banerjee (Chitkara University); Nagendar Yamsani (School of Computer Science and Artificial Intelligence, SR University, Warangal - 506371, Telangana, India.); Mohammed I. Habelalmateen (Department of computers Techniques engineering, College of technical engineering, The Islamic University, Najaf, Iraq)	8th March 2025 (Session 23); 11.30 AM – 2.00 PM
1201	Innovative Approaches in Road Surface Classification: Evaluating CNN and KNN Models	Online	Suraj Thakur	Suraj Thakur (chitkara university)*; Deepak Banerjee (Chitkara University); Sripelli Jagadish (School of Computer Science and Artificial Intelligence, SR University, Warangal - 506371, Telangana, India.); Zaeid Ajsan Salami (Department of computers Techniques engineering, College of technical engineering, The Islamic University, Najaf, Iraq)	
1211	RoseGuard: Deep Learning-Based Classification of Rose Leaf Diseases for Precision Agriculture	Online	Shubham .	Shubham . (Chitkara University, Punjab)*; Deepak Banerjee (Chitkara University); Gotte Ranjith (kumar); Saif Obayed (Department of computers Techniques engineering, College of technical engineering, The Islamic University, Najaf, Iraq)	
1284	Analyzing Classification Algorithms for Network Intrusion Detection	Offline	Himanshu Pandey	Himanshu Pandey (Sharda University)*; Divya Chauhan (Sharda University); Saloni Jaiswal (Sharda University); Barkha Nandwana (Sharda University)	
1586	Indoor Greenery Identification: A ResNet-50 and SVM-Based Approach for Plant Species Recognition	Online	Jashanpreet Kaur	Jashanpreet Kaur (Chitkara University)*; Gurpreet Singh (Chitkara University Institute of Engineering & Technology, Chitkara University, Rajpura, Punjab); Sripelli Jagadish (SR University); Zaeid Ajsan Salami (The Islamic University)	
1989	Pedestrian Detection Using Convolutional Neural Networks A Performance Evaluation with Metrics and Loss Analysis	Online	Kunal Thakur	Kunal Thakur (Chitkara University)*; Ashu Taneja (Chitkara University); R Sujitha (School of Computer Science and Artificial Intelligence, SR University, Warangal); Ramee Riadhweein (Department of computers Techniques engineering, College of technical engineering, The Islamic University, Najaf, Iraq)	
2023	Deep Learning Driven Classification of Acute Lymphoblastic Leukemia Subtypes Using CNNs	Online	Dhruv Soni	Dhruv Soni (Chitkara University)*; Ashu Taneja (Chitkara University); Komuravelly Sudheer Kumar (School of Computer Science and Artificial Intelligence, SR University, Warangal); Mohammed I. Habelalmateena (The Islamic University, Najaf)	

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2306	Grid Search and LLM Assisted Hybrid Approach for Hyperparameter Optimization	Offline	Nupur Kalele	Nupur Kalele (Dr. Vishwanath Karad MIT World Peace University)*; Vijay Kumar Kalyani (Dr. Vishwanath Karad MIT World Peace University)	8th March 2025 (Session 24); 11.30 AM – 2.00 PM
2344	Robust Deep Learning Model for Real-Time Vehicle Detection in IoV Applications	Online	Kunal Thakur	Kunal Thakur (Chitkara University)*; Ashu Taneja (Chitkara University); Md Ankushavali (School of Computer Science and Artificial Intelligence, SR University, Warangal); Saif Obayed (Department of computers Techniques engineering, College of technical engineering, The Islamic University, Najaf, Iraq)	
2526	An Ensembled Multi-Model Approach for Multi-class Classification of Attacks in Network Intrusion Detection	Offline	Saumya Bhadauria	Lakshya Gupta (ABV-IIITM); JaiPrakash Kushwaha (ABV-IIITM); Saumya Bhadauria (ABV-IIITM)*; Shashikala Tapaswi (ABV-IIITM)	
2562	Online Proctoring Systems - A Hardware Implementation using Enhanced Eye Detection and Gaze Tracking	Online	Rohit Kumar	Rohit Kumar (DTU DELHI)*	
2563	Ensemble Learning-Based Sarcasm Detection in Hinglish Tweets Using Word2Vec Embeddings	Offline	Archana Acharya	Archana Acharya (Amity University, Gwalior)*	
2567	Pneumonia and COVID-19 Detection from Chest X-Ray Images Using Multiple DCNN Models	Offline	Jay Vagairya	Jay Vagairya (ABV-IIITM Gwalior)*; Yadendra Dwivedi (ABV-IIITM Gwalior); Somesh Kumar (ABV-IIITM Gwalior)	
2568	Enhancing Early Diagnosis and Identification of Cardiovascular Diseases using Machine Learning	Online	Dr. Shweta Loonkar	Dr. Shweta Loonkar (Publication Pathway)*; Purvash Dangi (Jamnabai Narsee International School); Karishma Desai (Atlas Skilltech University)	
2575	Aging Face Synthesis: A Deep Learning-Based Face Aging Model	Offline	Priyanka Kaushik	Priyanka Kaushik, Zakiya Manzoor Khan, Muntaha Manzoor Khan, Beenu Mago, K. Jeevanandan, Shivansh Dwivedi	

2577	Integrated Explainable AI for Financial Risk Management: A Systematic Approach	Offline	Rachna Rathore	Parashiva Murthy, Shubham Gaur, Tanya jolly, Sivarethinamohan R, Gunjan Sharma, Rachna Rathore
2578	Optical Character Recognition using Python: A Comprehensive Study	Offline	Priyanka Kaushik	Priyanka Kaushik, Priyanka Rawat, Devyansh Batra, P. Vensheeba Delin, Saurabh Pratap Singh Rathore, S. Kaliappan
2580	Comparative Evaluation of RNN-Based Image Caption Generators: Performance Metrics and Challenges	Offline	Rachna Rathore	Rachna Rathore, Archana Ganesh Said, Preeti Jnagra, Haritha Murari, Saloni Bansal, Harshita Singh
2583	Emotional Intelligence in Chatbots: A Study on Enhancing User Experience with Llama3 and Ollama	Offline	Rachna Rathore	Salini Suresh, Rachna Rathore, Shailendra Thapliyal, Ajith Sundaram, Saloni Bansal, Kabir Gaba
2584	Predicting Genetic Disorder Risks Using Machine Learning on SNP Data	Online	Ishdeep Singla	Ishdeep Singla (IK Gujral Punjab Technical University , Kapurthala)*

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2588	Deep Learning in Autonomous Robotics: A Review of Recent Advancements	Offline	Madhuri Sharma	Anand Singh Bisen, Sami Anand, S.Sujatha, Tholkapiyan. M, Yogendra Kumar, Madhuri Sharma
2591	Convolutional Neural Networks for Potato Leaf Detection: A Deep Learning Approach	Offline	Priyanka Kaushik	Priyanka Kaushik, Manav Kakkar, Meenakshi Yadav, M. Sathish, Beenu Mago, Manas Manglik Kaushik
2592	Neural Visions: Exploring the Frontiers of Machine-Generated Art	Offline	Rachna Rathore	Yalamuri Yaswanth, Navnil Das, Priyanka, Samala Rohan, Agam Bhutani, Rachna Rathore
2595	Sentiment Analysis Using Machine Learning` Techniques for Geopolitical Event Trends	Online	rajat rawal	Ishdeep Singla (IK Gujral Punjab Technical University , Kapurthala); rajat rawal (chandigarh University)*
2603	AI Mentor X: A Novel AI-Driven Mentorship Platform for Enhanced Learning	Offline	Shailendra Sikarwar	Sachin Chandravadan, Balpreet Singh, Gopal Krishna, C Ambhika, Kanchan Yadav, Shailendra Singh Sikarwar
2606	CNN-Based Plant Disease Diagnosis: A Deep Learning Approach	Offline	Shailendra Sikarwar	Preeti Jnagra, Vamshi Krishna, V T Ram Pavan Kumar, S.Mathumohan, Kanchan Yadav, Shailendra Singh Sikarwar
2607	Natural Language Processing for Conversational AI: Chatbots and Virtual Assistants	Offline	Vinod Sharma	Neeraj Shrivastava, Pushpa Tewari, .S.Sujatha, Srinivasa Rao Bogireddy, Neeraj Varshney, Vinod Sharma
2613	Deep Neural Architectures for Natural Language Understanding	Offline	Vinod Sharma	Saurabh Pratap Singh Rathore, Shristi Chamoli, ROY T P, Ajith Sundaram, Neeraj Varshney, Vinod Sharma
2617	Machine Learning Algorithms for Forecasting Air Quality Index: A Predictive Analysis in the Taj Trapezium Zone (TTZ) of Agra	Online	swati Varshney	swati Varshney (Invertis University Bareilly(Uttar Pradesh));*; Dr. Neha Gupta (Symbiosis University of Applied Science Indore (M.P))
2620	Document- Level Relation Extraction using Deep Learning and Natural Language Processing	Offline	Yadvendra Dwivedi	Yadvendra Dwivedi (ABV-IIITM Gwalior)*; Jay Vagairya (ABV-IIITM Gwalior); Somesh Kumar (ABV-IIITM Gwalior)
2621	A Comprehensive Model for Cognitive Stress Detection for College Students	Offline	Manish Mandloi	Vaidehi Patel (PDEU Gandhinagar); Adarsh Jain (PDEU Gandhinagar); Shivangi Mehta (PDEU Gandhinagar); Manish Mandloi (PDEU Gandhinagar)*
2622	Design and Analysis of Triple Band Graphene Antenna for Terahertz Application	Offline	Sahil Punia	Sahil Punia (ABV-IIITM Gwalior)*; Jayant Kumar Rai (ABV-IIITM, Gwalior); PINKU Ranjan (ABV-IIITM, Gwalior); Rakesh Chowdhury (ABV-IIITM, Gwalior); Praveena A (PSG College of Technology, Coimbatore-4, India)
2623	A Comparative Evaluation of Machine Learning Models for Detecting Human Falls Using Wearable Sensors	Online	Vinit Kumar	Vinit Kumar (Maulana Azad National Institute of Technology (MANIT))*
2625	Legal Document Summarization Using Transformer based Approaches	Offline	Durgesh Nandan	Durgesh Nandan (School of CS & AI, SR University, Warangal, Telangana, India)*; Harshavardhan Thatikonda (Department of CS&AI SR University Warangal); Abhisatwika Reddy Chada (School of CS & AI, SR University, Warangal, Telangana, India); Harshitha Gyada (School of CS & AI, SR University, Warangal, Telangana, India); Soumya Bharatha (School of CS & AI, SR University, Warangal, Telangana, India)

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11.30 AM – 2.00 PM

2629	Evaluation of ML-based Breast cancer diagnosis using AWS SageMaker	Online	bittu kumar	TAS Vardhan (Koneru Lakshmaiah Education Foundation, Hyderabad); Charishma Kolli (Koneru Lakshmaiah Education Foundation, Hyderabad); bittu kumar (Koneru Lakshmaiah Education Foundation, Hyderabad)*; Khalvida Pamarty (Koneru Lakshmaiah Education Foundation, Hyderabad); Sanika Rahul Badve (Koneru Lakshmaiah Education Foundation, Hyderabad); Amit Shrivastava (Koneru Lakshmaiah Education Foundation, Hyderabad)
2630	English Music Lyrics Generation By using Gated Recurrent Units	Offline	Durgesh Nandan	Durgesh Nandan (School of CS & AI, SR University, Warangal, Telangana, India)*; Laxmigovini Muthuri (School of CS & AI, SR University, Warangal, Telangana, India); Shravani Gurram (School of CS & AI, SR University, Warangal, Telangana, India)
2639	Advancing Real-Time Object Detection for Autonomous Vehicles with YOLOv11	Offline	Gaurav Pandey	Manish Mahala (ABV-Indian Institute of Information Technology and Management (IIITM) Gwalior, India); Manisha Pattanaik (IIITM Gwalior MP India); Gaurav Pandey (Indian Institute of Information Technology and Management (IIITM) Gwalior MP)*
2641	Efficient Hardware Implementation of Multi-Armed Bandit Algorithms for RIS-Aided Wireless Networks	Offline	Ishaan Sharma	Ishaan Sharma (Delhi Technological University)*
2646	Sum Rate Maximization and Performance Analysis of NOMA-Based IRS-Aided Uplink Visible Light Communication System	Offline	Vishal Kumar	Vishal Kumar (Delhi Technological University (DTU))*; Rohit Kumar (Delhi Technological University (DTU)); Shankar Prakriya (Indian Institute of Technology, Delhi)
2648	Enhanced Brain Region Detection Using Total Variation Denoising and Semantic Segmentation	Online	Gaurav Sharma	Gaurav Sharma (bennett university)*; Himanshu Verma (Acceldata Technology Private Limited Bengaluru, India); Niharika Anand (Indian Institute of Information Technology Lucknow, India)

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1827	A Temporal and Classification Approach to Predicting Stress and Work-Life Balance Among Higher Education Teachers.	Online	RVS Praveen	Praveen RVS (LTI Mindtree Limited)*; Dr Alka Dutt (University of Delhi); Anuradha Parasara (Galgotias University); Arivanantham Thangavelu (Dr. D. Y. Patil College of Engineering and Innovation); Angela Jean Mary (St. Clare College); D Gobinath (CMR University)	
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