

Program Schedule of
2025 International Conference on Artificial Intelligence & Data Engineering – AIDE 2025

Keynote Speech #1 Title : Technical challenges in 5G and beyond 5G technologies	
06.02.2025 (Thursday) 11.30 am to 12.30 pm	Prof. In-Ho Ra Professor, School of Computer and Software Kunsan National University, Gunsan, SOUTH KOREA
Presentation Session - 01 Track: Ambient Intelligence (Session Code : AMB)	
Date & Time : 06.02.2025 (Thursday) & 02.00 pm to 04.00 pm Venue : Room No. 500, 5th Floor, APJ Kalam Block	
Paper ID	Title of the paper & Authors
963	Automated Descriptive Audio Generation for Visually Impaired Individuals: A Framework Integrating Object Detection, Emotion Analysis, and Speech Synthesis <i>Krishna Raj</i>
882	Guided View Approach for Lane Detection and Caution Analysis using Computer Vision and Deep Learning Techniques <i>Manjula Gururaj Rao, Vinyas S, Gururaj Rao, Priyanka Sachin, Vishal Singh, Aisiri AR</i>
904	A Unified Fog Computing Architecture for Next-Generation Smart City Traffic and Crime Management <i>Vikas Rai J, Ashwini K M</i>
716	SpiralDrawNet: CNN-Driven Early Detection of Parkinson's Disease using Spiral Drawings for Accessible Healthcare Solution <i>Santhosh S, Poojitha K J, Sumanth C M, Kirthi S Shetty, Navyasree M, Mansi Dwivedi</i>
888	Integration of Biomechanical Sensor in Spinal Brace for Posture Detection and Correction <i>Sivamani Chinnaswamy, Santhosh M, Arulmozhi K, Vasanth M, Abinaya V</i>
875	Sustainable Urban Waste Management: A Scalable IoT System for Automated Segregation and Real-Time Monitoring <i>Akhilraj Gadagkar, Shifana Begum, Rameesa K</i>
968	Context is King: Rethinking Query Expansion in Modern Search Engines <i>Batri Krishnan, Lakshmi Srinivasarengan, Sangeetha N, Annamalai S, Ramesh Sekaran</i>
746	A Real-time Sign Language Recognition System using MediaPipe and Random Forest Classifier combining with Text-to-Speech Technique <i>Sanapareddi Gari Yuva Nithesh Reddy, Subhash Mondal, P M G Bashir Asdaque, K Vamsi Krishna</i>
377	IoT Intrusion: Detection Methods and Mitigation Strategies <i>Hrithika Bhat, Anisha Rodrigues</i>

Session Coordinator Contact Number: +91 98805 36796

Presentation Session - 02 Track: Machine Vision & Robotics (Session Code : MVR)	
Date & Time : 06.02.2025 (Thursday) & 02.00 pm to 04.00 pm Venue : Room No. 502, 5th Floor, APJ Kalam Block	
1030	Multibody Kinematics of Prosthetic Arm <i>Priyanshi S, Reena Trivedi, Jatin Dave, Dhruvit Nimavat, Jeet Ranpara, Rushiraj Vala</i>
962	Cricket Player's Performance Prediction Using Machine Learning <i>Krishna Raj</i>
883	A Survey on Innovation in Medical Science using Technology <i>Shabari Shedthi B, Asmita Poojari, Hrithika Mestha, Lavya U Bangera, Gehena H Shetty, Hithanksha Mestha</i>
712	Hybrid CNN-GRU based Machine Vision Multimodal Deep Learning Model for Glaucoma Detection in Retinal Fundus Image <i>Santhosh, Rajashree, Sumanth C M, Ashwin Shenoy M, Mahathee K, Sandeep Kumar</i>

745	Automated Traffic Light Control System for Ambulance Using Laser Signals and Raspberry Pi <i>Arun Kumar S</i>
330	Advances in Image Analysis: Leveraging Computer Vision for Automated Recognition and Interpretation <i>N Chakravarthy, Sheema S, Rajasekhar Manda, Rajasekhar Manda, Jafar Ali Ibrahim S, Senthil M</i>
958	Comprehensive Deep Learning Framework For Diabetic Retinopathy <i>Asmita Poojari, Shabari Shedthi B, Shravya K, Vaibhavi Shenoy B, Sanketha S Hegde, Kavana H K</i>
998	The study on the impact of activation function and pooling strategies on U-Net-based medical image fusion of traumatic brain images <i>Ajith Kumar BP</i>
638	FMEA-Based Safety Analysis of Monocular Depth Estimation for Autonomous Vehicles <i>Mayur Pandya, Siddalingaswamy PC, Sanjay Singh</i>

Contact Number: +91 99641 42851

Presentation Session - 03 Track: Data Engineering (Session Code : DE1)	
Date & Time : 06.02.2025 (Thursday) & 02.00 pm to 04.00 pm Venue : Sambhram, Ground Floor, Ramanujam Block	
838	Optimized Month-Ahead Forecasting of Solar Irradiation: A Comparative Analysis of Machine Learning Algorithms <i>Afshin Balal, Laleh Khalvati, Willis Agutu</i>
794	Current Approaches in Abstractive Summarization: A Comprehensive Survey and Analysis <i>Spoorthi M, Ravi Kumar V, Rakshitha M S, Chethan A R</i>
960	Data-Driven Menstrual Analysis of Stress and Mood in Indian Women <i>Devershika Mohane, Khushi Kashyap, Aadith Sukumar, Prachi Kadam</i>
1021	Bridging Intuition and Data: A Dynamic Framework for IPL Player Valuation <i>Jyotiraditya Jnanashekar, Karthik Ram, Rashi Bandi, Ritunjay Rao</i>
478	ECOSAUR - Empowering Sustainable Choices: A Mobile Application for Carbon Footprint Awareness and Mitigation <i>Girisha Malni N</i>
360	Personalized Re-Ranking of Universities and Colleges using NIRF and JoSAA Data <i>Kavin Ragav R L, Sri Harsha Cheerla, Srinivas M, Yugendran K, Premchander Reddy Velmula, Hrushikesh Reddy Dyava</i>
378	Key Aggregation in Trusted Execution for Multi-Query Privacy in Cloud computing with Enhancing data Privacy <i>Ranjith Kumar Badugu, Naresh Goke, Suresh Salendra, Sridhar Manda, Vijay Kumar K, Sravan Vardhan Rao</i>
344	Comparative Study of Various Machine Learning Techniques for Diabetes Prediction <i>Jambukeshwar Pujari, Ashok Hake</i>
145	Review of Lightweight Cryptographic Algorithm: NIST Requirement and Practical Implementation <i>Kiran Kumar, Suhan Rai, Sushma Karkera, Reshma S, Karthik Mahantesh, Prakash K Shetty</i>

Contact Number: +91 78922 71693

Presentation Session- 04 Track: Artificial Intelligence (Session Code : AI1)	
Date & Time : 06.02.2025 (Thursday) & 02.00 pm to 04.00 pm Venue : Room No. 503, 5th Floor, APJ Kalam Block	
455	Text-To-Voice Conversion for Indic Languages <i>Aniketh Hebbar</i>
744	Deepfake Image Detection using Deep Learning <i>Arun Kumar S</i>
772	Demand Prediction using AutoML Based Ensemble Algorithm <i>Senthil Pandi S, Kumar P, Nathaniel Abishek A, Mohamed Hussain S</i>
773	Visualizing Network Traffic Data for Cybersecurity Analysis <i>Senthil Pandi S, Kumar P, Manjunathan S, Mohammed Sajjad Azam</i>

897	Detection of Brain Tumor Using a Deep Learning Approach <i>Arun Kumar S</i>
857	Healthy Life Expectancy (HALE) Analysis and Prediction using Machine Learning <i>Pranjal T S, Srijan Badhya, Neha Reddy, Srikrishna B, Priya Badrinath</i>
108	Enhancing Out of Vocabulary(OOV) Token representation with Aggregated Conditional Random Fields model for Kannada NER <i>Tashwin SJ, Preethi P, Mamatha H R</i>
937	SmartFood AI: A Multimodal Framework for Accessible Nutritional Analysis <i>Steffy Sherly P, P Velvizhy, Navanitha Krishnan N, Matan P</i>
436	Mediguide:A Machine Learning based Smart Prescription System for Personalized Healthcare <i>Jeyaganesh Kumar K, Mithilesh G, Monisha K M, Nandhini S, Nithish Kumar M</i>

Contact Number: +91 97425 38240

Presentation Session - 05 Track: Artificial Intelligence (Session Code : AI2)	
Date & Time : 06.02.2025 (Thursday) & 02.00 pm to 04.00 pm Venue : Room No. 504, 5th Floor, APJ Kalam Block	
895	Detecting and Mitigating Bias in LLMs through Knowledge Graph-Augmented Training <i>Rajeev Kumar, Harishankar Kumar, Kumari Shalini</i>
127	Recurrent Neural Networks for Real-time Position Estimation of Robotics Arm End-Effector Coordinates <i>Rohan Steven B, Babiyola A</i>
843	Performance Comparison of Flood Image Segmentation Techniques <i>Kilari Veera Swamy, Shravani Vundavilli, Kandi Rushindra Reddy</i>
844	Classification of Hydroponic Lettuce Leaves using Machine Learning <i>Kilari Veera Swamy, Devarakonda Sri Deepthi, Teerthankar Rani, P. Sai Adithya</i>
906	Detection of Drones using Acoustic Signals and Machine Learning <i>Kilari Veera Swamy, M Madhava Koustubh, K Vaishnavi, K Varsha Sri</i>
756	Performance analysis of classifier for human daily activities <i>Amutha R</i>
10	Comparative study of Federated learning models in a cross-silo scenario with Flower framework <i>Vineetha Pais, Santhosha Rao, Balachandra Muniyal</i>
939	Artificial Intelligence keeps women safe: Preventing online and domestic Violence <i>Viswanath Ezhumalai, H Vijay Raghav</i>
677	The BUNK - An advanced voice assistant interface with Natural Language Processing and Artificial Intelligence using Python <i>Ullas K, Keerthana H, Bhavana RAJ, HU NITIN</i>

Contact Number: +91 90364 39663

Presentation Session - 06 Track: Artificial Intelligence (Session Code : AI3)	
Date & Time : 06.02.2025 (Thursday) & 02.00 pm to 04.00 pm Venue : Room No. 505, 5th Floor, APJ Kalam Block	
976	Assistive study on paediatric pulmonology with respiratory sounds <i>Thota Rishika Sree, Pabbisetty Harshini, Muthulakshmi M</i>
405	AI-Based Atrial Fibrillation Detection Using Pulse Rate Variability from PPG: A Comparative Study with HRV <i>Vaishali B, Mathivani H, Niranjana V, Jayanthi Thiruvengadam</i>
996	Deep Learning Approach for Identification and Classification of Tulsi Leaf Disease <i>Sukshma Shetty, Sowmya K, Trayee Nayak, Vachan K, Ravitha Prakash, Raveet Singh</i>
105	Comparative Analysis of Air Quality Forecasting Using Machine and Deep Learning Based Approaches <i>Sowmya H K , Koyal Chandresh, Jesy Janet Kumari J</i>
371	Real-Time Gender Classification from Facial Images Using VGG16 and GoogLeNet Architectures <i>Naga Kalyan Nukala, Vamsidhar Puvvada, Lakshmi Sai Gayathri, Srinivas M, Alapati Neha, Somesetty Lalitha</i>

Contact Number: +91 99644 26640

970	Chain-of-Thought Reasoning Evaluation Framework for Question Answering System Shivani Aithal, Abishek Rao, Chandrakala CB, Sanjay Singh
879	An Evaluation Metric for Assessing Summary-Level Semantic Similarity in Abstractive Text Summarization Abishek Rao, Shivani Aithal, Sanjay Singh
397	Capsule Networks for COVID-19 Detection with Explainable AI via Grad-CAM Madhu G, Jogeeswara Venkata Naga Sai
404	Hybrid Deep Neural Network for Classification of Malaria Parasites in Microscopic Images Madhu G, Jogeeswara Venkata Naga Sai, Sai Karthik Adla

Presentation Session - 07 Track: Artificial Intelligence (Session Code : AI4)	
Date & Time : 06.02.2025 (Thursday) & 02.00 pm to 04.00 pm Venue : Room No. 506, 5th Floor, APJ Kalam Block	
342	Bridging the Emotional Gap in AI: A Study on Speech Emotion Recognition for Adaptive Human Computer Interaction <i>V S S L Deepak Janapa, Lakshmi Raghunadh Karri, Bhargav Anjan Kalyan Yekula, Sri Karthikeya Manjunadha Machiraju, Srinivas M, Venkatesh</i>
355	Multi-Modal Medical Imaging Interface for Lung Disease Classification <i>Gokulnath M, Deeksha Lakshmi V, Harsha Kr, Padmasini Natarajan</i>
690	A Decision Support System for Detection, Analysis and Classification of Paddy Plant Diseases <i>Vidya Kudva, Kota Sharan Pai, Shrinivas Prabhu</i>
819	Optimized U-Net Model for Advanced Road Extraction Using Satellite Images <i>Rohan Anvekar, Arun Tigadi</i>
787	Exploring an overview of machine learning techniques for identifying diabetes: A review. <i>Rohith R, UmaaMahesswari G, Anbarasi N, Meena M, Vijayalakshmi S, Daggupati Sai Trisha</i>
391	Smart waste management system using AR and IoT with AI <i>Ashish tiwari, Vaishali Raut, Manisha Waje, Janhvi Chewale, Bhagyashree Nikam, Aamir Pathan</i>
119	Comprehensive Exploration of Acute Febrile Illnesses with Low Platelet Count Syndrome: From Epidemiology to AI-Driven Solutions <i>Abhishek Rao, Karthik Pai, Ramaprasad Poojary, Adithi K, Rathika Shenoy, Sneha Nayak</i>
589	Optimizing FAANG Stock Forecasting: The Power of Feature Engineering and LSTM in Financial Analysis <i>S Ambareesh, Soumya Patil, Priyanshu Tiwari, Rishabh Raj</i>
588	Enhancing Fare Prediction Accuracy in Ride Hailing Through Neural Networks and Data Simulation <i>S Ambareesh, Soumya Patil, Priyanshu Tiwari, Rishabh Raj</i>

<p align="center">Keynote Speech #2</p> <p>Title : Give a Watt, Save a Lot ! Building HVAC Energy Management with Bidirectional Charging of EV Systems</p>	
<p>07.02.2025 (Friday)</p> <p>10.30 am to 11.30 pm</p>	<p align="center">Dr. Prasant Misra</p> <p align="center">Chair – Elect (2025), IEEE Bangalore Section Senior Scientist , TCS Research, Bangalore</p>
<p align="center">Presentation Session - 08</p> <p align="center">Track: Data Engineering (Session Code : DE2)</p>	
<p>Date & Time : 07.02.2025 (Friday) & 11.00 am to 12.30 pm Venue : Room No. 506, 5th Floor, APJ Kalam Block</p>	
854	<p>Navigating Anomaly Detection in Complex Networks: Methods, Challenges, and Recent Advances</p> <p><i>Ravi Prakash, Rama Moorthy H</i></p>
369	<p>Forecasting the Prediction for Atmosphere Using Machine Learning</p> <p><i>Vaishnavi Devadiga, Ashwini K</i></p>
201	<p>Supply chain tracking of drugs using Ethereum</p> <p><i>Raghunandan Rao, Dhanya Devadiga, Avisha Shetty, Akshata Bhat, Devishree Bangera, Nalini N</i></p>
395	<p>Comparative study of various machine learning model in Prediction of Parkinson's Disease</p> <p><i>Ankitha K, Anagha Tantry, Swaroop S, Anusha Nayak, Nidhi Shetty, Pranesh Kumar Kodi</i></p>
423	<p>Olympic Games Analysis and Visualization for Medal Prediction</p> <p><i>Maheswari Raja, P. Sharmila, Vijaya Padmanabha, Roshan Fernandes, Anisha Rodrigues, Manjunath Kamath</i></p>
899	<p>Personalized Predictive Healthcare Using Machine Learning and Generative AI</p> <p><i>Shamanth Shetty, Praveena Kumari M K</i></p>
818	<p>Brain Tumor Classification and Detection of Position using Deep Learning</p> <p><i>Shabari Shedthi B, Deeksha V, Pratheek Nayak</i></p>
367	<p>A Multimodal Method for Detecting Language through Speech in Ten Indian Languages</p> <p><i>Raksha Puthran, Suhas Puranik, Anusha Prashanth</i></p>
779	<p>A Comprehensive Framework for Accident Detection and Risk Assessment Using CNN and Graph-Based Analytics</p> <p><i>Vandana B.S, Srajan Jogi, Gaurav Shenoy K, Sumukh Karanth, Sushanth Hegde</i></p>
993	<p>Optimizing Arbitrage Opportunities in Automated Market Makers Using Scalable Blockchain Flash Loans</p> <p><i>Ravi Prakash</i></p>

Contact Number: +91 99641 01136

<p align="center">Presentation Session - 09</p> <p align="center">Track: Artificial Intelligence (Session Code : AI5)</p>	
<p>Date & Time : 07.02.2025 (Friday) & 11.00 am to 12.30 pm Venue : Room No. 500, 5th Floor, APJ Kalam Block</p>	
604	<p>Real-time Brain Stroke Detection using CT Scans</p> <p><i>Koppuravuri Sathvik , Pathan Shaheen khan, Vinay Neelam, Talluri Abhinav chowdary, Srinivas M</i></p>
335	<p>Enhanced Brain Stroke Prediction: A Bayesian Network-Integrated Ensemble Approach</p> <p><i>Bhanu Prakash Bandrupalli, Naga Venkatesh Makineni, Shanmukha Balaji Korlapati, Srinivas M</i></p>
107	<p>Enhanced Sentiment Analysis of Twitter (X) Data using an Ensemble Stacking Model.</p> <p><i>Govind Kalawate, M. Salomi, Yash Talreja</i></p>
969	<p>Non-Invasive Detection of Anemia Using Deep Learning on Conjunctival Images</p> <p><i>Kedar D S, Garima Pandey, Shashidhar G Koolagudi</i></p>
908	<p>Exploring Religions and Cross-Cultural Sensitivities in Conversational AI</p> <p><i>Mahfuzur Rahman Shuvo, Rahul Debnath, Nobanul Hasan, Md Jahid Alam Riad, Prosenjit Roy, Fyaz Nafin Rahman, Rabeya Nazara</i></p>
266	<p>Transforming Healthcare: A Comprehensive Review of AI-Powered Chatbots Impact and Applications in Healthcare Services</p> <p><i>Ramesh G, Deekshitha poojary, Priyanka M G, priyanka M G, Tarun M</i></p>
537	<p>Inorganic Chemical Reaction Predictor Using Random Forest and Support Vector Machine</p> <p><i>Ramesh G, Mahammad Sahil, Shashank A Palan, Dharan Bhandary, Shrishanth S Shetty, Karthik Poojary, Sowjanya N</i></p>

Contact Number: +91 96631 67943

529	Live Facial Emotion Detection Through OpenCV and Deep Learning <i>Ebenezer Mathew, Harshith D M, Ganesh H Y, Madhusudhan R, Giridhar Gowda</i>
914	Chicken Object Detection Using Faster Region-Based Convolutional Neural Networks <i>Gunabhiram Diwan, Karthika Natarajan, Sumathi D</i>
326	Exploring the Effectiveness of Machine Learning Models in Detecting Anomalous Transactions <i>Radhan, Anand N, Sumith, Shenoy, Srividya</i>

Presentation Session - 10 Track: Artificial Intelligence (Session Code : AI6)	
Date & Time : 07.02.2025 (Friday) & 11.00 am to 12.30 pm Venue : Room No. 502, 5th Floor, APJ Kalam Block	
771	Design of a Model for Early Detection of Abnormal Heart Rhythms and its Severity in Electrocardiogram Using Deep Learning Techniques <i>Sharath Kumar, Samrudhi K V, Sahil Kambli, Samarth Nayak</i>
401	Peer to Peer Money Lending Using Blockchain <i>Ashwitha Thomas, Abhijith Hegde, Abhishek, Bhumika Shetty, Harsh Bharadwaj , Virajpet Vishnu Prasad</i>
402	Mitigating biases in dermatological diagnosis through GAN augmentation and classification <i>Ashwitha Thomas, Prajwal P, Nihal Kanchan, Neil Mascarenhas, Kishor Naik</i>
864	Image To Text Description Platform For Yakshagana Images By Detecting Crown Using CNN <i>Kiranraj M, Anantha Murthy, Manish, Prathwini, Savitha G, Harshitha G M</i>
865	Apparel Recommendation System using Rule based filtering and SMOTE <i>B Sunil Kamath, Rashmith R Alva, Ridhi Shetty, Sharanya Dinakar, Sakshi Shetty</i>
215	Deep Learning in Forensic Sketch Analysis <i>Anisha Rodrigues, Pratham S Shetty, Preethika Shet, Priyal Mariam, Samarth N Baliga, Roshan Fernandes, Vijaya Padmanabha</i>
909	Deep Learning Approach to Snake Species Identification <i>Karuna Pandit, Prathvi Hegde, Raksha K, Shibani Shetty, Pratheeksha K N</i>
232	Local Language Handwritten Character Recognition <i>Anisha Rodrigues, Akshay Prabhu K, Shailesh U Acharya, Adithya MS, Seejan Padmanabha Poojar, Roshan Fernandes, Vijaya Padmanabha</i>
245	A Comprehensive Study of Solid Waste Classification using Deep Learning and Machine Learning Techniques <i>Reshma K J, Prabha Niranjana, Sushanth Gowda</i>
386	Exploring LSTM vs. BERT for Event Detection in Social Media Posts <i>Kulal, Vainidhi N, Sumith</i>

Contact Number: +91 97425 38240

Presentation Session - 11 Track: Artificial Intelligence (Session Code : AI7)	
Date & Time : 07.02.2025 (Friday) & 11.00 am to 12.30 pm Venue : Room No. 504, 5th Floor, APJ Kalam Block	
433	FraudGuard: Advancing Credit Card Fraud Detection with Machine Learning Benchmarks <i>D. K. Sreekantha, Avisha Shetty, Carol Jeswin Dcunha, Devishree Bangera, Deepthi</i>
953	Smart Locker 2.0: Leveraging IoT and Machine Learning for Secure, User-Friendly Public Storage <i>Chandrappa S</i>
981	Predicting Tesla Stock Prices Using AI Techniques: An Analysis of Historical Trends, Trading Volumes, and Market Volatility <i>Keerthi Shetty, Sanjana B, Saiprasad K Shetty, Anantha Murthy, Harshitha G M, Prathwin</i>
291	Comparison of Principal Component Analysis, K-means, and Generative Adversarial Network for Compression and reconstruction of medical image <i>Anusha Prashanth Shetty, Surendra Shetty</i>
822	Leveraging Machine Learning for Pattern-Based Detection of Respiratory Illnesses <i>Anusha Prashanth Shetty, Raksha Puthran</i>

Contact Number: +91 98805 36796

947	Innovative AI Solutions for Multi-Modal Content Generation <i>Harshitha G M, Reehan D'souza, Pruthvi Surender Borkar, Praveen D R , Anantha Murthy, Keerthi Shetty</i>
380	Asamyuta Hasta Mudras Recognition Using MediaPipe Keypoint Extraction and Random Forest Classification <i>Raksha Puthran, Srujan U Shetty</i>
1019	Machine Learning Models for Depression Prediction: A Comprehensive Analysis <i>Mamatha Balipa, Anvitha Shetty</i>
419	Bridging the Communication Gap: An Improved Real-Time Indian Sign Language Translation with Deep Learning <i>Akhilraj Gadagkar</i>

Presentation Session - 12 Track: Artificial Intelligence (Session Code : AI8)	
Date & Time : 07.02.2025 (Friday) & 11.00 am to 12.30 pm Venue : Room No. 503, 5th Floor, APJ Kalam Block	
345	Voice-Based Gender and Age Prediction with Deep Learning Approaches <i>Sai Sri Laasya Surampudi, Likhitha Kamali Devarasetty, Sai Mahitha Kurri Srinivas M</i>
364	Enhancing Code Intelligence with CodeT5: A Unified Approach to Code Analysis and Generation <i>Pennamada Yogeeshwar Reddy, Naraparaju Sri Satya Aarthi, Settineni Pooja, Sumathi D, Beerala Veerendra</i>
502	A Deep Learning Approach for Identifying LLM-Generated Text <i>Pennamada Yogeeshwar Reddy, Naraparaju Sri Satya Aarthi, Settineni Pooja, Sumathi D, Veerendra Beerala</i>
379	Multi-label Emotion Classification using modified Sequential Deep Learning Architecture for Speech Emotion Recognition <i>Adithya Santhosh, Akshar Samudrala, Dhruv Bavaria, M Srinivas</i>
807	Credit Card Fraud Detection using Machine learning algorithms and Artificial Neural Network <i>Nithin Polimera, Srivatsal Parise, Yadlapalli Prajwala</i>
971	Frame-Level Audio Hate Speech Detection for Kannada Language <i>Anirudh V Gubbi, Garima Pandey</i>
449	YogAsana: A Federated Learning Approach to Yoga Pose Classification <i>Manoj Kumar H S, Shreya Palavalli, Shreya Gunnan Ramkumar, Shylaja S S</i>
390	A Comparative Analysis of Machine Learning and Deep Learning Models for Predicting Stock Market Close Prices <i>Kavin Ragav R L, Sri Harsha Cheerla, Srinivas M, Yugendran K, Premchander Reddy Velmula, Hrushikesh Reddy Dyava</i>
420	Leveraging Insights from KNN and LSTM Models for Alzheimer's Disease Early Detection <i>Rageshri Bakare</i>
967	Improving accuracy in Text Extraction From images using Region-based Convolutional Neural Networks algorithm compared to Convolutional Neural Network algorithm <i>N. Navaprakash, S. Vikram Reddy</i>

Contact Number: +91 95355 90306

Presentation Session - 13 Track: Artificial Intelligence (Session Code : AI9)	
Date & Time : 07.02.2025 (Friday) & 11.00 am to 12.30 pm Venue : Room No. 500, 5th Floor, APJ Kalam Block	
334	Comparative study of Machine Learning, Deep Learning and Bayesian Models on the ORL Faces Dataset for Effectual Face Recognition <i>Vivek Vignesh Baggam, Divya K S, Ayush Pandey, Rushika Manchala, Srinivas M</i>
406	Dementia Prediction using deep learning <i>Praneeth Nellipudi, Pavan Battini, Pavan Boggavarapu, Srinivas M</i>
421	Semi-supervised Learning - An Alternative to Traditional Breast Cancer Prediction <i>Suthari Manikanta, Shaik Mohammed Rasheed, Seemakurthi Naga Surya Bhavani Sankar, Jonnala Kowshik Reddy, M.Srinivas</i>
411	Liver Disease Prediction Using Machine Learning, Deep Learning, and Bayesian Networks <i>Abhiram Suravarapu, Madhav Bhps, Vishnu Vardhan SVJSS, Sai Nithin Talasu, Srinivas M</i>

414	Enhanced Telecom Customer Churn Prediction Using Machine Learning and Deep Learning Models <i>Gowtham Mekala, Advait Reddy, Krishna Tripathy, Srinivas M</i>
394	Deep Learning-Based Prediction of Household Energy Consumption: An LSTM Approach with High Precision <i>Venkata Lakshmi Vardhan Chennu, Manoj Kumar Valamala, Venkata Chiranjeevi Segu, Venkata Chiranjeevi Segu, Venkata Sambasiva Rao, Srinivas M</i>
605	A Comparative Analysis of Traditional ML, Deep NN, and Statistical Modeling for Music Genre Classification <i>Vishnu Vardhan, Rama Peddimsetti, Siva Dinesh, Deepika T, Srinivas M</i>
393	Classification of Early Onset of Diabetes with Machine Learning, Deep Learning Algorithms, and Bayesian Networks <i>Sricharan Vangoori, Srivalli Swetha Gottumukkala, Rakesh Naidu Jerripothula, Venkatasai Vadde, Srinivas M</i>
686	A Survey on Vehicle Collision Avoidance Systems: Innovations, Challenges, and Future Prospects <i>Ramesh G, Kiran Raj K M, Abhishek Keshava Poojary, Mahim Thares Devadiga Manohara M, Shashank Bolor, Sowjanya N</i>

Contact Number: +91 99641 42851

Presentation Session - 14 Track: Artificial Intelligence (Session Code : AI10)	
Date & Time : 07.02.2025 (Friday) & 11.00 am to 12.30 pm Venue : Room No. 502, 5th Floor, APJ Kalam Block	
382	Bridging the Diagnostic Gap: Classification of MRI-Based Brain Tumor Using a CNN and Transformer-Based Hybrid Deep Learning Method <i>Manideep Dintakurthi, Venkata Satya Sriram Biccavolu, Layavardhan Boge, Srinivas M, Devi Sreeram Gulipalli</i>
765	Ethical Frameworks for Artificial Intelligence: A Comparative Study <i>Vaishali Mishra, Ujjwal Karn, Vasanth Rajendran, Monojit Banerjee, Harshal Darade</i>
766	Optimizing Travel Through AI: The Intersection of Data Quality and Customer Experience <i>Vaishali Mishra, Monojit Banerjee, Vasanth Rajendran, Harshal Darade</i>
621	Harnessing AI for Heart Disease: Comparing Machine Learning, Deep Learning, and Bayesian Network Approaches <i>Varshini Chaganti, Navya Sri Vanga, Sravya Nakka, Srinivas M</i>
601	Enhanced Classification of Migraine Headaches: Leveraging Machine learning, Deep learning and Bayesian Networks with Data Augmentation <i>Mokshyagna Kalyan Abburu, Rishi Akkala, Venkata Naga Sai Hari Krishna Arvapalli, Srinivas M</i>
1003	Time based Sentiment Analysis of Financial Headlines using Recurrent Neural Network. <i>Shashank G ,Garima Pandey ,Shashidhar G Koolagud</i>
396	Exploring Hybrid Approaches for Sentiment Classification: A Comparative Study of LSTM, Naive Bayes, and Bayesian Network on IMDB Reviews <i>Balavignesh Koduru, Sai Parthava Naidu Dokala, Deekshitha Nallani, Marimganti Srinivas</i>
262	AI-Based Image Classification for Indian Temple Iconography: A CNN-Based Approach <i>Vanishree Kavi Mahesh, Lubna Ansa, Aprna Tripathi</i>
841	Integrating Machine Learning and Deep Learning for Accurate Fraud Detection <i>Karthik Morathoti, Kushal Shiva Charith Reddy P, Saigeetha.S.B , Ram Dinesh Reddy P</i>

Contact Number: +91 90364 39663

Presentation Session - 15 Track: Artificial Intelligence (Session Code : AI11)	
Date & Time : 07.02.2025 (Friday) & 11.00 am to 12.30 pm Venue : Room No. 503, 5th Floor, APJ Kalam Block	
954	Diabetic Foot Ulcer Detection Using Deep Learning: A Focus on EfficientNet for Enhanced Accuracy <i>Elrusha Dsa, Mangala Shetty, Deekshitha Prabhu, Spoorthi Shetty, Akash Shetty</i>
948	Enhancing Web Security For Threat Detection Through Convolutional Neural Networks <i>Disha Nayak, Mangala Shetty, Spoorthi Shetty</i>
572	Credit Card Fraud Detection Utilizing Machine Learning, Deep Learning, and Bayesian Networks <i>Arra Keerthan Reddy, Rapeti Harsha Vardhan, Doduguru Amarnath Reddy, Marimganti Srinivas</i>

415	Heart Disease Risk Assessment using Bayesian Networks <i>Sai Sandeep Reddy Karimireddy, L Venkata Ramana Reddy, Edam Hemanth, G Luhya Srinivas, M. Srinivas</i>
935	Survey Paper: Comparative Analysis of Detection Methods for Real vs. AI-Generated Images <i>Ridha Salam, Sahanna Rachel J, Ramachandra H V, Naveen Kumar B, Sameeksha M K, Vishwa Madari</i>
648	Detection of Forged Handwritten Signatures Using Deep Architectures <i>Firdous Fatimah, G Naga Vamshi, Srinivas M, T.V.N Sathvik, D Manasa, T.V.A Srujana Sri</i>
902	Sentiment Analysis-Based Product Review System for Enhanced Recommendations <i>Ashok Hake, Jambukeshwar Pujari, Lingaraju S V, Naveen Kumar H S</i>
636	A Performance Comparison Between Machine Learning, Deep Learning, and Bayesian Approaches for COVID-19 Diagnosis <i>Lalitha Somesetty, Neha Alapati, Srinivas M</i>
471	Harnessing Disruptive Technologies in Education: The Role of AI, VR/AR, Blockchain, IoT, and Adaptive Learning Platforms <i>Rippandee Kaur, Sandeep Kumar Saini, Ranjeeta Saini, Vandana Aggarwal, Sandeep Vasekara P, Kaveyan K</i>

Contact Number: +91 87920 98797

Presentation Session - 16 Track: Artificial Intelligence (Session Code : AI12)	
Date & Time : 07.02.2025 (Friday) & 11.00 am to 12.30 pm Venue : Room No. 504, 5th Floor, APJ Kalam Block	
674	Comparison of Novel Long Short-Term Memory Over Recurrent Neural Networks for Predicting the Melting Pattern of Ice in Antarctic Sea Based on Accuracy <i>Jaisharma K, Chirag Suresh Shah</i>
415	Heart Disease Risk Assessment using Bayesian Networks. <i>L. Venkata*, M. Srinivas, Karimireddy, Sai Sandeep Reddy, Gottemukkula, Luhya Srinivas, Edam, Hemanth</i>
821	Predicting Sevearity of Type 2 Diabetic Retinopathy Using Retinal Fundus Images with new Deep Learning Architectures from the Inception and ResNet Families. <i>Rishitha Nandanapu, Krishna GSVV, Sai Sruthi Reddy V</i>
740	Enhancing Human Safety Through Modesty Guard: A Comprehensive Review of Opencv-Based Surveillance Systems <i>Priya P</i>
700	Leveraging MobileNet V2 for swift and precise identification of lung and colon cancers <i>Pooja H, Shivakumar C, Varun V, Renganayaki S, Adithya M, Sanjay Kumar N</i>
416	Credit Card Fraud Identification with ANN and LSTM based models <i>Bala Sumanth Reddy Manda, Bhargava Phani Sriram, Mudrageda, Guru Prasad M K, Srinivas M</i>
398	Bayesian-Driven Deep Learning and Machine Learning Approaches for Handwritten Word Recognition <i>Dinesh Medisetty, Sagar Lingamaneni, Moksha Pallapu, Baladhitya Pappula Srinivas M</i>
534	Speech Recognition and Transcription <i>Tanushree Borase, Thamizhamuthu R</i>
1018	Neural Networks for Financial Fraud Detection: Enhancing Security with Scalable Machine learning and Deep learning Solutions <i>Ravi Prakash, Rama Moorthy H, Praveen N</i>

Contact Number: +91 99644 26640

Presentation Session - 17 Track: Artificial Intelligence (Session Code : AI13)	
Date & Time : 07.02.2025 (Friday) & 11.00 am to 12.30 pm Venue : Room No. 506, 5th Floor, APJ Kalam Block	
949	Smart Mood Detection: Real-Time Emotion Analysis for Human-Computer Interaction Using Deep Learning <i>Chandrappa S, Tapabrata Banerjee, Sohan Saha Mohd Zaid, Aditya Pai H, Guru Prasad M S, Rajesh I S</i>
567	Optimizing the Longevity of Wireless Sensor Networks: A Comprehensive and Adaptive Energy-Efficient Framework <i>Prashanth Kumar, Babitha Poojary, H Harshavardhan, Mahadevi Poojary, Reshma Ashreen</i>

417	Comparative Analysis of Machine Learning , Deep Learning Statistical Models on Credit Risk Prediction <i>Sai Dinesh Yepuri, Pragnesh Reddy Gajjala, Yashasvi Uppala, Avinash Reddy Gogulamudi, Srinivas M</i>
370	An Empirical Evaluation of Machine Learning Models for Stroke Risk Assessment with Explainable AI <i>Venkata Naga Yashwanth Janke, Sai Saketh Ram, Varshini Vuyyuri, Srinivas M</i>
229	A CNN-LSTM Framework for Real-Time Human Action Recognition in Video Sequences <i>Ashwin shenoy, Chetan Sangalad</i>
1020	AyurMate: Blending Ayurveda and Artificial Intelligence for Personalized Wellness <i>Vivian Serrao, Varsha Nayak, Ashwini K M</i>
1012	Lip Reading Detection Using Convolution Neural Network and Recurrent Neural Network with LSTM <i>Sinchana A J, Prathwini, Sonal Dcunha, Anantha Murthy, Harshitha G M, Keerthi Shetty</i>
933	Assessing University Students' Mental Health through Ensemble Machine Learning: The Role of Academic, Social, and Lifestyle Factors on Depression, Anxiety, and Future Insecurity <i>Keerthi Shetty, Sanjana, Savitha, Anantha Murthy, Harshitha G M, Prathwini</i>
521	LIVES: XAI-based Secure UAV Communication Framework for Essential Items Delivery <i>Ruparelia, Vidhi Shah, Sneh Pathak, Lakshin Gupta, Rajesh Tanwar, Sudeep Sawhney, Sahil Gupta, Ankur</i>