



MANIPAL INSTITUTE OF TECHNOLOGY

MANIPAL

(A constituent unit of MAHE, Manipal)

International Conference on Recent Advances in Information Technology for Sustainable Development (ICRAIS 2025)

September 03 - 04, 2025

Department of Information and Communication Technology, Manipal Institute of Technology, Manipal Academy of Higher Education, Manipal



"ANRF"



Session Schedule

Session 1: Offline

03/09/2025 11.45 AM - 1.00 PM (Venue: Sir M V Hall, MIT)

Track: Information Security

72	Moulya KB	Enhancing Privacy through Federated Learning AI
82	Shrusti M	Leveraging AI for Cyber Threat Defence.
101	Nithin Kurup U G	Optimizing Nose and Lips Biometrics for Lightweight Authentication in Constrained Computing Environments
343	Talha Shaikh	Safeguarding E-Voting with Blockchain: A Transparent and Reliable Solution
356	Tanmay Saxena	Examining Incel Ideology in Online Spaces with NLP Techniques
381	U Akshay Maiya	Block-Chain Based Certificate Issuance & Verification

Session 2: Offline

03/09/2025 11.45 AM - 1.00 PM (Venue: AB-5 First floor, MIT)

Track: Information Security / Soft Computing Session

117	Sruthi K S	A Unified Computer Vision System for Multilingual Bidirectional Gesture Recognition: ASL and ISL
345	Amulya J	Emotion Detection from EEG Signals using Advanced Deep Learning Techniques
393	Aneesha Acharya K	Design and Development of a Virtual Gaming Console using Deep Learning techniques for Hand Rehabilitation
362	Girish K K	Dynamic Credit Management Using Deep Q-Networks and Random Forest Feature Selection
379	Soumya K T	Dynamic Threat Modelling and Vulnerability Assessment in Smart Microgrid
391	Aryan Rai	Preserving Privacy in Marketing: A Comparative Study of Synthetic Data for Personalized Campaign Generation

Session3: Offline

03/09/2025 3:15 to 5:00 PM (Venue: Sir MV Seminar Hall)

Track: Soft Computing

87	Srashti D Shetty, Dr. Minu P Abraham	A Deep Meta Ensemble Approach for Credit Card Fraud Detection Using Hybrid Models and Advanced Resampling Techniques
91	Sagar Ganiga	EfficientNetV2-ResNet50V2 Ensemble Framework for Parkinson's Disease Detection: Optimized Class Balancing and Test-Time Augmentation
284	Dr Raju Ramakrishna Gondkar	Matrix-Based Apriori Methods for Frequent Pattern Mining: An In-Depth Survey
310	Sowmya P	Understanding Chatbot Model Behavior Through Intent and Pattern-Based Dataset Evaluation
326	Gurudatt B M	Efficient Power Estimation and Analysis of Digital Circuits Using Machine Learning Techniques
370	Arnab Panda	PaperIQ - An Explainable AI Approach for Research Paper Summarization and Categorization
394	Tarani S Kulkarni, Vajapeyayajula Sreelasya	Hybrid Model for Sentence-Level Text Stylization Using Deep Generative Networks

Session4: Offline

03/09/2025 3:15 to 5:00 PM (Venue: AB-5 First floor, MIT)

Track: Soft Computing

29	Sathani Joshika	Smart Stroke Prediction and Risk Mitigation System Using Hybrid DL & TL Techniques
312	Sinchana Sachhu Shettigar, Abhijith V	Digital Wallets: Usage and Trust Among Young Adults
314	Pranavv Raja C P	Texture and Color Feature Fusion for Automated Waste Classification using Machine Learning
336	Aarya Shah	Stock Price Prediction with Optimized XGBoost: A Comprehensive Benchmark Against Deep Learning Approaches
367	Aparna V	Efficient MRI Reconstruction Through Singular Value Decomposition
369	Hemish Jain	Suicidal Text Detection Using Machine Learning and Large Language Model
382	Kanish Mittal	Feature Late Fusion Multimodal for Detection of Polycystic Ovarian Syndrome

Session5: Offline 04/09/2025 1:30 PM - 3.00 PM (Venue: Sir MV Seminar Hall) Track: Networking and Communication		
16	Varun	IOT-Driven Flexible Road Divider System
17	Dhanush G P	Real Time Health and Geolocation Monitoring in Animals using a Multi-Sensor Collar
50	Venkata Ramana Rao S	Hyper Charging Lane For EV Using Mutual Induction
104	Megha S Kumar	Automated data transfer between virtualized advanced driver assistance systems and in-vehicle infotainment domains over data distribution service
105	Megha S Kumar	Pre-emptive Task Scheduling in V2I Systems Using RSUs for Improved Latency')
324	Tanuku Sailakshmi Madhuri	A model based design approach towards software defined vehicles with service-oriented architecture
385	Srivardan B	Design of a Koch-Fractal inspired Monopole Antenna for C-band and RFID Applications

Session6: Offline 04/09/2025 1:30 PM - 3.00 PM (Venue: AB-5 First floor, MIT) Track: Soft Computing/ Distributed Computing		
328	Athira Gopalakrishna	Exploring Dataset Quality and Transferability in Malayalam NER Tasks Using BiLSTM
371	Sanjay S	Real-Time AI-Powered Detection and Geo-spatial Visualization of Lumpy Skin Disease in Livestock
389	Akanksha Sharma	Towards Sustainable Energy Strategies: An Ensemble Deep Learning Framework for Crude Oil Futures Price Forecasting
390	Aman Dubey	NeuroNexus: Federated Learning for Scalable Brain Tumor MRI Analysis
395	Sushma	Avatar Closet: An Augmented Reality Based Virtual Try-On System for Fashion Retail
329	Pavan Kumar B M	Self-Driving Car Using Deep Learning and OpenCV
384	Mohamed Facil T R	Efficient Vehicle Community formation for profit maximization in Vehicular Cloud Computing
