



**SRM INSTITUTE OF SCIENCE AND TECHNOLOGY
KATTANKULATHUR**

**COLLEGE OF ENGINEERING AND TECHNOLOGY
SCHOOL OF COMPUTING**

DEPARTMENT OF COMPUTING TECHNOLOGIES

PROUDLY ORGANIZES

**FIFTH INTERNATIONAL CONFERENCE ON
INTERNET OF THINGS 2025 (ICIOT - 2025)**

02nd – 04th April, 2025

PAPER PRESENTATION

SESSION SCHEDULE

 NAAC A++	 Category I with 12B Status	 (2022) Ranked 19 th University	 (2023) World Ranking one among 41 Indian Universities	 (2023) World Ranking one among 75 Indian Universities	 (2021) Ranked 4 th	 (2023) World Ranking one among 14 Indian Universities
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Date: 2.4.2025 – Session FN					
Venue : TP - 401					
Keynote Session (Offline) : Mr. Vasudevan Gandhi					
Topic : Transforming Automotive Engineering with AI and Big Data Analytics					
Time: 11.00 PM to 11.30 PM					

S.No.	TIME	PAPER ID	AUTHORS	E-MAIL ID	PAPER TITLE
1	11:30 - 11:40 AM	4	Balasundaram , Priyalakshmi *	priyalab@srmist.edu.in	Early Diagnosis of Rheumatoid Arthritis – A Web App
2	11:40 - 11:50 AM	6	CHOUBEY, NAMAN*; Bharti, Aman	namanchoubey226@gmail.com	Dialogue System For Cognitive Disorder Detection Using NLP
3	11:50 - 12:00 PM	12	Chakravardhan, Ramannagari *; Likith Chowdary, parvathaneni ; Raja, M.Senthil	rr0891@srmist.edu.in	Facial Recognition-Based Attendance System Boosting Accuracy and Efficiency in Educational Settings
4	12:00 - 12:10 PM	17	Billuri , Shanmukh *; Vallepalli, Sriram; Ramesh, S	shanmukhbilluri@gmail.com	Energy-Efficient HMGRP with Load Balancing in Wireless Sensor Networks
5	12:10 - 12:20 PM	18	Kondeti, Rajesh*; Chaitanya, Krishna ; Sivakumar, T.K	rk3802@srmist.edu.in	Brain tumor detection using image segmentation by u-net model
6	12:20 - 12:30 PM	27	Das, Manasvi*; Das, Manasvi	ma0789@srmist.edu.in	EKS CLUSTER UPGRADE : TECH MODERNIZATION
7	12:30 - 12:40 PM	31	Gunda, Bharath sundar*; Bushra S, Dr.Nikkath; Amaran, Dr.Sibi; K, Dr.Sreekumar	gs1137@srmist.edu.in	Integrated Signal Detection system: A novel Approach for Enhanced safety
8	12:40 - 12:50 PM	33	Gupta, Anya*; Pawar, Anvit; Kumar, Senthil	ar4146@srmist.edu.in	Advancements in Support Vector Machines: A Literature Survey on Optimization Techniques and Performance Enhancements
9	12:50 - 01:00 PM	35	Omar, Shaik; Charitesh, Naga; C, Santhanakrishnan*	Santhanc@srmist.edu.in	PRICE PREDICTION OF RESALE CAR USING LINEAR REGRESSION
10	01:00 - 01:10 PM	36	T, Vishal*; Dakshesh T, Anish; P, Dhanush; Prakash P, Dharamveer	vt8336@srmist.edu.in	Integrated RFID and Facial Recognition System for Efficient Attendance System
11	01:10 - 01:20 PM	42	Soni, Ayush*; K, Rahul; Verma, Harshit; Aglawe, Mohit; Bhargavi, Dr. G	aa3169@srmist.edu.in	EcoPluse – “Smart 1kW OSPT Solar Controller”
12	01:20 - 01:30 PM	43	Nandepu, Devi Sri Priya; Vadlamani, Someswara *	sastryvs20@gmail.com	Mental Health Application Using Medical Assessments and Empathetic Chatbot.

Date: 2.4.2025 – Session FN

Venue : TP - 404

Keynote Session (Offline) :

Topic :

Time: 11.00 PM to 11.30 PM

S.No.	TIME	PAPER ID	AUTHORS	E-MAIL ID	PAPER TITLE
1	11:30 - 11:40 AM	55	Mishra, Khushi*; Banyal, Aryan	kr6912@srmist.edu.in	ESTIMATE HOUSEHOLD ELECTRIC APPLICATIONS POWER CONSUMPTION USING ML
2	11:40 - 11:50 AM	59	Vasoya, Sujal *; Joshi, Bhavin ; Pretty Cyril, Diana	sn3951@srmist.edu.in	Melanoma Cancer Detection Using Deep Learning
3	11:50 - 12:00 PM	70	Anand, Ananmay *; S Lohi, Jathin; M, Karthikeyan; G K, Sandhia; S, Girirajan	au9724@srmist.edu.in	Landslide Detection System Using Image Processing and Deep Learning
4	12:00 - 12:10 PM	76	GUDALA, PAVAN*; kumar, murali naren; S, PRIYA	gg8533@srmist.edu.in	SMART AGRICULTURE: crop yield prediction
5	12:10 - 12:20 PM	85	Patel , Shubh*; Patel, Jay Kumar; Kumar, Anand; Tomar, Rustam; Sandhia, G. K.; S, Girirajan; M, Karthikeyan	Sn7422@srmist.edu.in	Smart Parking System
6	12:20 - 12:30 PM	91	shiva nnarayanna, Addanki*; SAI RISHITHA, OBILI; NARAYANAN, DR. S. SANKARA	aa5710@srmist.edu.in	DIABETIC PREDICTION USING KNN ALGORITHM IN MACHINE LEARNING
7	12:30 - 12:40 PM	92	Kamma, Sairam; Umesh Babu, Yalla; Santhanakrishnan, C*	santhanc@srmist.edu.in	WildTrackAI – Applies Computer Vision to Animal Footprint Classification
8	12:40 - 12:50 PM	94	L, Ronni *; N, Oviya; R, Thenmozhi	ronnipvt@gmail.com	Utilizing Machine Learning for Plant Disease Detection: A Web Application Approach
9	12:50 - 01:00 PM	100	Gupta, Swayam*; Veshala, Asish; M, Kowsigan; S, Ramamoorthy; P, adhavan	ss4215@srmist.edu.in	The Near Optimal Automated Face Recognition Attendance and Scheduling System Using Deep Learning Techniques
10	01:00 - 01:10 PM	102	P, AKASH*; P, Shamili	akashbtechit@gmail.com	Interactive Student Project Sharing and Support Community App
11	01:10 - 01:20 PM	112	MISHRA, AKSHAT*; KUMAR, DIPESH; D, VATHANA	akshatmishra19june@gmail.com	Learning Transferable Patterns for Echocardiographic Left Ventricle Segmentation Across Apical Views
12	01:20 - 01:30 PM	116	Kumar, Dipesh*; Mishra, Akshat; Meher, Aryan; D, Vathana	dr2034@srmist.edu.in	Low-Light Surveillance Enhancement using Attention-Driven Autoencoder-Based Image Fusion

Date: 2.4.2025 – Session FN					
Venue : iMac Lab - 1, 14th Floor, TP 1					
Keynote Session (Online) :					
Topic :					
Time: 11.00 PM to 11.30 PM					

S.No.	TIME	PAPER ID	AUTHORS	E-MAIL ID	PAPER TITLE
1	11:30 - 11:40 AM	55	Mishra, Khushi*; Banyal, Aryan	kr6912@srmist.edu.in	ESTIMATE HOUSEHOLD ELECTRIC APPLICATIONS POWER CONSUMPTION USING ML
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5	12:10 - 12:20 PM	85	Patel , Shubh*; Patel, Jay Kumar; Kumar, Anand; Tomar, Rustam; Sandhia, G. K.; S, Girirajan; M, Karthikeyan	Sn7422@srmist.edu.in	Smart Parking System
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9	12:50 - 01:00 PM	100	Gupta, Swayam*; Veshala, Asish; M, Kowsigan; S, Ramamoorthy; P, adhavan	ss4215@srmist.edu.in	The Near Optimal Automated Face Recognition Attendance and Scheduling System Using Deep Learning Techniques
10	01:00 - 01:10 PM	102	P, AKASH*; P, Shamili	akashbtechit@gmail.com	Interactive Student Project Sharing and Support Community App
11	01:10 - 01:20 PM	112	MISHRA, AKSHAT*; KUMAR, DIPESH; D, VATHANA	akshatmishra19june@gmail.com	Learning Transferable Patterns for Echocardiographic Left Ventricle Segmentation Across Apical Views
12	01:20 - 01:30 PM	116	Kumar, Dipesh*; Mishra, Akshat; Meher, Aryan; D, Vathana	dr2034@srmist.edu.in	Low-Light Surveillance Enhancement using Attention-Driven Autoencoder-Based Image Fusion

Date: 2.4.2025 – Session FN
Venue : Turing Hall, 8th Floor, TP 1
Keynote Session (Online) : Dr. Saravanan Parthasarathy
Topic : Artificial intelligence for IoMT (Internet of Medical Things)
Time: 11.00 PM to 11.30 PM

S.No.	TIME	PAPER ID	AUTHORS	E-MAIL ID	PAPER TITLE
1	11:30 - 11:40 AM	118	R, Sharon*; S, Shilpa; P, Shamili	sharonchristyr11@gmail.com	Scream Detection and Prevention of Vehicle using IOT
2	11:40 - 11:50 AM	124	S, Devansh*; Baldewa, Mukund; Rosaline, Dr. R Anto Arockia	dz2618@srmist.edu.in	Policy Accessibility and Implementation Gateway (PAIG)
3	11:50 - 12:00 PM	125	Pasha, Shaik Sohel; Sangviker, Aalap; M, Suchithra*	suchithm@srmist.edu.in	Breast Cancer Prediction System Using XGBoost and XAI Techniques
4	12:00 - 12:10 PM	126	singh, Aditya*	ar5423@srmist.edu.in	RAG based chatbot for Emotion Regulation
5	12:10 - 12:20 PM	129	SV, vishvaa*; S, Harshit	vs6857@srmist.edu.in	Novel Deep Learning Approach for AMD Classification
6	12:20 - 12:30 PM	135	Jha, Aryan*; Muthu Kumaran, AMJ	ad8810@srmist.edu.in	Enhancing Cardiovascular Diagnosis using X-ray Image Processing
7	12:30 - 12:40 PM	137	Ganapathi, Loka *	lokagangaganapathirsp@gmail.com	IoT Driven Safety Device for Women and Children
8	12:40 - 12:50 PM	141	MENTA, MANISH; RANA, YASH; C, Ashok Kumar; C, Jothi kumar; S, Shanmugam*	shanmugs9@srmist.edu.in	Early Detection of Chronic Kidney Disease Using an Machine learning Approach for Better Results
9	12:50 - 01:00 PM	143	Bhatnagar, Ayush*	ankitbhatnagar189@gmail.com	Time-Series Medical Imaging for Heart Disease Prediction
10	01:00 - 01:10 PM	148	Ponnaganti, Mohan*; Nunna, Suresh	ps1524@srmist.edu.in	Signature Recognition and Verification Using CNN and PCA
11	01:10 - 01:20 PM	149	Shyni, Adolphine*; Kaderavan, B.	shynicseicb@mvit.edu.in	VitalPi: An Arduino-Based Anesthesia Monitoring System Enhancing Hands-On Learning for Medical Education
12	01:20 - 01:30 PM	151	S, Padmini*	padminis@srmist.edu.in	Decentralised Energy Management System for Renewable Energy Microgrids

Date: 2.4.2025 – Session FN					
Venue : Mini Hall – 01, TP Ganesan Auditorium					
Keynote Session (Online) : Mr. Arumugam Murukiah					
Topic :					
Time: 11.00 PM to 11.30 PM					

S.No.	TIME	PAPER ID	AUTHORS	E-MAIL ID	PAPER TITLE
1	11.00 - 11.10 AM	152	Prabu Shankar, K C*; Majumdar, Aditya; Kundu, Protyush	prabushc@srmist.edu.in	Healthy Eating Assistant Using Image Classifier
2	11.10 - 11.20 AM	154	S, BALAMBIGAI ; K, RUTHRA MOORTHY*; N, ASRATH AHAMED KHAN; G, KAVIYA PRAKASH ; P, PRASANTH ; A, VENNILA	ruthramoorthi2003@gmail.com	LoRa-Enabled Smart Farming with RFM95w for Real-Time Environmental Monitoring and Irrigation Control
3	11.20 - 11.30 AM	156	Zibiah, Juniper; V, Danushya ; S, Kiruthika*; Shree, Jaya; Sri, Janani	kiruthikas.it@srmvalliammai.ac.in	LEVERAGING 5G AND DEEP LEARNING FOR ADVANCED NETWORK SECURITY
4	11.30 - 11.40 AM	159	Malathi, D*; R, Sangeetha; Ranganayagi, Leela; P, Selvameena; Mr., Sanchay; Singh, Aryan	malathid@srmist.edu.in	GPU ACCELERATION OF EDGE BASED MOTION DETECTION WITH NVIDIA CUDA
5	11.40 - 11.50 AM	160	R, Yamini*; Pardhi, Ved ; Singh, Ansh	yaminir@srmist.edu.in	Combining Generative AI, Machine Learning, and Natural Language Processing to Provide AI-Powered Mental Health Understanding
6	11.50 – 12:00 AM	167	Banda, Douglas ; Mwakilama, Elias ; Vijayakumaran, C. ; Kim, Hyunsung*	kim@kiu.ac.kr	Privacy-Preserving Authentication and Key Agreement Protocol for Smart Agriculture
7	12.00 - 12.10 PM	171	Mohammed Ashraf, Abdul Hadi*; M, Shahlan Hassan; Srinivasan, R	ap1060@srmist.edu.in	Integrating Genetic Markers and Environmental Factors for Accurate Genetic Disorder Predictions
8	12.10 - 12.20 PM	173	Kim, Jiseung*; Mandawala, Gresham ; Ali, Patrick ; Mwakilama, Elias	bsc-sta-01-23@unima.ac.mw	Lightweight Device Authenticated Key Agreement in Internet of Things based Smart Agriculture
9	12.20 - 12.30 PM	175	Manoharan, Mohit*; M, Gokulnath; R, Dr. Mohandas	mohit7052015@gmail.com	Road Sign Detection and Classification using CNN-YOLO Hybrid Model
10	12.30 - 12.40 PM	176	Rahul, S*; Swetha, M; Amutha, B	sr9437@srmist.edu.in	Rescue Paws: AI – Enhanced Mobile App Development to Safeguard Stray Dogs
11	12:40 – 12:50 PM	182	Singh, Aditya*; Sinha, Mayank	adityarajsingh019@gmail.com	LexaLens: Enhancing Legal Document Analysis with Transformer-Based NLP Models
12	12:50 – 01:00 PM	185	Biniwale, Vikrant*; Dubey, Shivendu ; Kalaivani, Dr. J	vv1272@srmist.edu.in	Enhancing Educational Equity: A Framework for Quality Learning for Underprivileged Youth

Date: 2.4.2025 – Session FN					
Venue : Mini Hall – 02, TP Ganesan Auditorium					
Keynote Session (Online) : Mr.Sreenivasa Reddy D					
Topic : Cloud computing for IoT - Smart Home & Smart Buildings					
Time: 11.00 PM to 11.30 PM					

S.No.	TIME	PAPER ID	AUTHORS	E-MAIL ID	PAPER TITLE
1	11:30 - 11:40 AM	186	A, Keerthinathan*; Krishh, Vishal	keerthinathan2004@gmail.com	Multi-Model Imaging based Deep Learning model for Diabetic Foot Ulcer and Retinopathy Classification
2	11:40 - 11:50 AM	187	Thakur, Mukta *; Kumari, Sanjana ; R, Mrs.Brindha	mt1201@srmist.edu.in	TextScope:Text Summarization and Sentiment Analysis using Gensim
3	11:50 - 12:00 PM	189	V, Kiran*; R, Yamini; V, Vishnuvaradhan	kv7272@srmist.edu.in	Bot X: An Intelligent Chatbot Framework for Enhancing LMS Usability and Accessibility
4	12:00 - 12:10 PM	194	Tandon, Ansh *; Ukrit, M. Ferni ; Kothari, Harsh	ap6277@srmist.edu.in	Bilingual Automatic Speech Recognition (ASR) for Hindi and Tamil: Dataset Benchmarking, Model Fine-Tuning, and Real-Time Transcription
5	12:10 - 12:20 PM	201	Gupta, Ayushi; Kasaraneni, Abhilasha; M, Suchithra*	suchithm@srmist.edu.in	Leveraging Hybrid Techniques for Sign Language Recognition
6	12:20 - 12:30 PM	207	Bagga, Guneet*; Seetha, Rishita; M, Rajalakshmi	gs3829@srmist.edu.in	Climate-Resilient Agriculture through Predictive Modelling
7	12:30 - 12:40 PM	208	U, Muruganantham*	muruganantham.u18@gmail.com	IoT-Enabled Smart Weighing System with HX711 and Load Cell for the Visually Impaired
8	12:40 - 12:50 PM	210	Chopra, Prajin*; ., Vaishnavi; Bhargavi, Dr. G.	chopraprajin@gmail.com	Advanced Crime Monitoring & Reporting System
9	12:50 - 01:00 PM	215	S, Iniyana *	iniyans@srmist.edu.in	Lung Cancer Classification System using Optimized Deep Learning and Swin Transformer Methods
10	01:00 - 01:10 PM	226	S, VEERARAGHAVAN; Ray, Annewsh; R, VIDHYA*; Malarselvi, Dr.	Vidhyar@srmist.edu.in	An Effective Weather Prediction Model for forecasting climate in advance Using Random Forest
11	01:10 - 01:20 PM	227	Srinivas, Anji Durga*; Vagdevi Reddy, Marla; B, Dr Sivakumar	aa4929@srmist.edu.in	Design And Implemented A Wireless Women's Safety System Using Arduino Microcontroller For Access Control
12	01:20 - 01:30 PM	228	Gupta, Pranav*; Gohil, Pratham; S S, Sridhar	pm4043@srmist.edu.in	VARS: Vision-based Assessment of Risk in Security Systems

Date: 2.4.2025 – Session AN
Venue : TP – 401
Keynote Session (Online) : Dr. Harilaos Koumaros Topic : IoT services over Trustworthy 6G Networks Time: 02:00 PM to 02.30 PM

S.No.	TIME	PAPER ID	AUTHORS	E-MAIL ID	PAPER TITLE
1	02:30 - 02:40 PM	236	Kumar, Arkin; Sujit, Abhinav*; R, Brindha	as8868@srmist.edu.in	Trust Chain: A Blockchain-Enabled Supply Chain Management System using Smart Contracts
2	02:40 - 02:50 PM	237	Srivastava, Arnav*; Verma, Manaswita; Kumar, Sonu; V, Joseph Raymond	arnavsrivastava@gmail.com	Cyber-Threat Detection using Web-Scraping
3	02:50 - 03:00 PM	241	Vaishnavi. M, Sri Venkata*; someswar rao, Chintapalli; J, Dr Nithyashri	sm8398@srmist.edu.in	AGRICULTURAL MARKETING ANALYSIS USING ARIMA MODEL
4	03:00 - 03:10 PM	244	P, VELMURUGAN*; S, Kousika; B, Jaikanna; Neema, Aditya	velmurup1@srmist.edu.in	STRESS DETECTION AND ANALYSIS USING GENERATIVE AI AND MACHINE LEARNING
5	03:10 - 03:20 PM	246	Gunduru, Bhavana*	bg7770@srmist.edu.in	GAN and FEA integration for enhanced fault detection and classification in mechanical systems
6	03:20 - 03:30 PM	250	KUMARI, ANISHA*; SARAVANAN, Dr. P; Naga, Sindhu	ak6482@srmist.edu.in	SMART SOLUTION FOR MATERIAL SELECTION AND CORROSION PROTECTION
7	03:30 - 03:40 PM	258	R, Prem kumar *; V, Priyadharshan ; A, Mohana Priya	rprem1042004@gmail.com	Credit Card Fraud Prediction Using Machine Learning
8	03:40 - 03:50 PM	259	Saha, Meghna*; Pawar, Yash; Ramalingam, Anita	sahameghna2019@gmail.com	Adaptive Multiple-Choice Question Generator Across Languages
9	03:50 - 04:00 PM	261	Chaudhary, Divyashree*; Rathod, Hitarth ; M, Vaidhehi	dm7545@srmist.edu.in	AI-Driven Waste Detection and Geo-Tagging System for Smart City Sanitation Management
10	04:00 - 04:10 PM	268	s, Gnanavel*	gnanaves1@srmist.edu.in	Vehicle Safety Enhancement and Blind Spot Detection Using IOT And ML
11	04:10 - 04:20 PM	269	Aditya, Koneti; Mathukumalli, Nikhil; S, Poornima*; M, Nikhil	poornims@srmist.edu.in	A Thorough Machine Learning Framework for Identifying False Information on Social Media
12	04:20 - 04:30 PM	270	S, Poornima*; Aditya, Koneti; Mathukumalli, Nikhil; M, Nikhil	poornims@srmist.edu.in	Govaid: A Machine Learning Based Prediction of Government Schemes

Date: 2.4.2025 – Session AN
Venue : TP - 404
Keynote Session (Online) :
Topic :
Time: 02:00 PM to 02.30 PM

S.No.	TIME	PAPER ID	AUTHORS	E-MAIL ID	PAPER TITLE
1	02:30 - 02:40 PM	273	Amrutha, Koteru*	koteruamrutha@gmail.com	Speech-Enabled Email Assistant with Facial Recognition for Secure and Accessible Communication
2	02:40 - 02:50 PM	278	M, Kanipriya *; Dwivedi, Akshay; Sachdev, Atharv	kaniprim@srmist.edu.in	ROUTE OPTIMIZATION FOR PUBLIC TRANSPORTATION
3	02:50 - 03:00 PM	280	G R, Nithyashree *; Syed Abbas, Fahmida Sanabil	nithyasnr2003@gmail.com	AUTOMATED CLASSIFICATION OF LIVER TUMORS USING YOLOV8 AND ROBOFLOW FOR ENHANCED DIAGNOSTIC ACCURACY
4	03:00 - 03:10 PM	282	Jeffrey, Antony*; A, Mervin Roger	antonyjeffrey331@gmail.com	Combating Phishing Attacks With Deep Learning Based Solutions
5	03:10 - 03:20 PM	283	Jha, Abhishek*; Garg, Abhisht; M K, Vidhyalakshmi	aj3514@srmist.edu.in	RecoMed-The medication recommendation system
6	03:20 - 03:30 PM	284	M, Kavin*; G, Girish; K, Deeba	km9362@srmist.edu.in	Medical Diagnosis of Lung Cancer Using Machine Learning
7	03:30 - 03:40 PM	285	NIKHIL VARDHAN RAJU, PADMARAJU*; NIKHIL VARDHAN RAJU, PADMARAJU; VENKATESWAR REDDY, IDAMAKANTI; K, SREEKUMAR; AMARAN, SIBI	nikhilvardhanraju@gmail.com	Blockchain-Enabled Smart Grids: AI-Powered Energy Monitoring and Demand Forecasting
8	03:40 - 03:50 PM	288	Sinha, Millind; vidhya, S*; sachdeva, sarthak	vidhyas2@srmist.edu.in	Automated Pipeline Inspection with Detectron 2: Enhancing Industrial Safety
9	03:50 - 04:00 PM	290	Alex, Dr. Suja A.*	suja@sxcce.edu.in	Integrating Deep Reinforcement Learning and Sentiment Analysis for Multi-Asset Stock Market Prediction
10	04:00 - 04:10 PM	291	Gummadi, Deepthi*; Mathews, Suzanna Paul ; Jayaraman, Vaishnavi ; Parthasarathy, Saravanan ; G, Niranjana	deepthigummadi99@gmail.com	Deep Learning-Based Crop Disease Prediction: A Comprehensive Analysis
11	04:10 - 04:20 PM	292	Devarasetty, Charan Teja*; M, Bala Narasimha Rao; Dhakshnamoorthy , Gokulakrishnan	db5996@srmist.edu.in	AI Powered Vehicle Detection and counting in real time using YOLOV8
12	04:20 - 04:30 PM	300	N, Jeyakkannan*	jeyakkannan2010@gmail.com	Enhancing Healthcare Security through Deep Learning-Based Image Authentication and Encryption using MTCNN

Date: 2.4.2025 – Session AN					
Venue : iMac Lab – 1, 14th Floor, TP 1					
Keynote Session (Online) :					
Topic :					
Time: 02:00 PM to 02.30 PM					

S.No.	TIME	PAPER ID	AUTHORS	E-MAIL ID	PAPER TITLE
1	02:30 - 02:40 PM	301	N, Jeyakkannan*	jeyakkannan2010@gmail.com	Fortifying Interconnected Systems: Innovations and Challenges in IoT-Based Cloud Security
2	02:40 - 02:50 PM	303	Mukherjee, Souvik*; Raina, Nimesh; Deepajothi, S.	sk8293@srmist.edu.in	BLOOD REPORT- DRIVEN HEALTH MONITORING AND DISEASE PREDICTION USING INTEGRATED MODELS
3	02:50 - 03:00 PM	305	Roy Chowdhury, Alva*; S, Krithiga; Ghelani, Rishabh; Anil, Anagha	as0023@srmist.edu.in	Multiclass Lung Cancer Classification using Deep Learning Techniques
4	03:00 - 03:10 PM	307	Parameshwari, M.Kanniga*; Rekha, M; G.B, Rajeshwari; P, Reethu ; Sai Bharadwidha Reddy, S; B, Sudha Lakshmi	kanniga0206@gmail.com	Advancing Wearable Assistive Tactile Technology for Enhanced Interaction: A Glove-Based Object Detection and Audio Feedback System
5	03:10 - 03:20 PM	309	Kasturi, Harini*; Rai, Aayushi Rai	harinikasturi2003@gmail.com	Predicting Cardiac Disease Using Machine Learning Techniques
6	03:20 - 03:30 PM	311	S, HARIRAJAN*; M, Kanniga Parameshwari; K, Selvi; P, Dhanesh; L, Jaisurya	230213.it@rmkec.ac.in	Revolutionizing Road Safety: The Impact of Smart Helmet 2.0 on technological Breakthrough in Affordable Safety Solutions
7	03:30 - 03:40 PM	333	R, Sreekala*; D., Malathi	sr5749@srmist.edu.in	SKIN DISEASE IDENTIFICATION USING FULLY CONVOLUTIONAL NETWORK AND IMPROVED DEEP BELIEF NETWORK MODELS
8	03:40 - 03:50 PM	335	Felix, Yovan ; A, Prajapati Yash Kumar *; Singh, Pradipti	yashkprajapati1414@gmail.com	Enhancing Stroke Disease Prediction with Machine Learning Models
9	03:50 - 04:00 PM	336	Gowda, Kartik*; Murugan, Neelaveni Ammal ; Pal, Sunaina ; Singh , Saket Kumar	kd3785@srmist.edu.in	EcoTrack: An Intelligent Multi-Sensor System for Industrial and Environmental Safety
10	04:00 - 04:10 PM	344	C, santhanakrishnan*; M, Ramya	santhanc@srmist.edu.in	Implementation Of IoT Based Forest Deforestation and Anti-Poaching of Animals and Resources in Forest Using Arduino
11	04:10 - 04:20 PM	345	HONDAPPANAVAR, SURAJ; AGRAHARI, TAUTIK ; M, ELIAZER*	eliazerm@srmist.edu.in	DailyPulse : Social Media AI Summarizer
12	04:20 - 04:30 PM	346	S, Kanmani*; Lamba, Deepanshu; Bihari, Sameer	kanmanis@srmist.edu.in	HYBRID MACHINE LEARNING MODELS FOR EARLY DETECTION OF DIABETES

Date: 2.4.2025 – Session AN
Venue : Turing Hall, 8th Floor, TP 1
Keynote Session (Online) : Prof. Dr. Oliver Hödl
Topic : IoT in the energy domain from smart homes to global challenges
Time: 02:00 PM to 02.30 PM

S.No.	TIME	PAPER ID	AUTHORS	E-MAIL ID	PAPER TITLE
1	02:30 - 02:40 PM	347	Sharma, Rishabh*; Garai, Rudra ; Patwardhan, Prathamesh; M, Uma Devi	rs9756@srmist.edu.in	Cloud Based Honeypot for Cyberattack Detection
2	02:40 - 02:50 PM	350	RAMEEZ, MOHD; GUPTA, MAAHIN *; KUMAR, SENTHIL	mm4484@srmist.edu.in	License Plate Detection and Extraction Using YOLOv8 and EasyOCR
3	02:50 - 03:00 PM	351	S, Vishwa*; k, Manisankar; J, Manjula; R, Paulinprisha	vk8680@srmist.edu.in	IoT-Driven Machine Learning System for Autism Spectrum Disorder Monitoring
4	03:00 - 03:10 PM	352	Aravindan, Madhu Shree *; S, Ramamoorthy	ma2889@srmist.edu.in	Semantic Resume Ranking: Leveraging Generative AI for Contextual Job Matching
5	03:10 - 03:20 PM	355	Garg, Aksh*; Kulandaivel, Dr. Madhumitha	akshgarg13@gmail.com	Autonomous Underwater Vehicle Fleet (AUV-F) Communication Technology Advancements
6	03:20 - 03:30 PM	356	Goel, Manas*; Gupta, Many; C, Jothi Kumar; S, Shanmugam; C, Ashokkumar	ms2795@srmist.edu.in	Leveraging AI: Contrasting ML and LLM Approaches for Predicting Asthma Outcomes
7	03:30 - 03:40 PM	360	SHARMA, ADITYA*	ah7425@srmist.edu.in	Patient Condition Classification Methods Utilizing Drug Reviews
8	03:40 - 03:50 PM	361	Sharma, Shubham *; Joshi, Suyash Kumar; Devi, M. Uma; Jayapradha, J	sv9944@srmist.edu.in	Predictive Disease Diagnosis using Machine Learning and Large Image Model
9	03:50 - 04:00 PM	364	Kashyap H B , Akshada*; M, Harshit; S, Dr. Ramamoorthy	hk2762@srmist.edu.in	AI-Powered Dynamic Hint Generation using Real-Time Code Parsing
10	04:00 - 04:10 PM	367	Kumar, Tushar*; Kulandaivel, Madhumitha; Dhayal, Ashwani; Singh, Aditi; Agrawal, Tanishq	tushaarxr@gmail.com	Dynamic Urban Mobility: Enhancing Road Safety and Traffic Flow Through an AI-Driven Digital Twin Framework – A Case Study of Coimbatore
11	04:10 - 04:20 PM	368	Ram, Vignesh *; Vijay, Shanjith; Peter, Dr.J. Selvin Paul; Esther, Dr.B. Priya	vs3424@srmist.edu.in	Conversational Image Recognition Chatbot: A Multimodal AI Approach with Vision and Speech Integration
12	04:20 - 04:30 PM	381	Shaik , Yusaf *; M, Anand	skyusaf97@gmail.com	Advanced Brain Tumor Classification Using Long Short-Term Memory Networks

Date: 2.4.2025 – Session AN
Venue : Mini Hall - 1, TP Ganesan Auditorium
Keynote Session (Online) : CELAL ALAGÖZ
Topic : IoT based smart city solution and smart home
Time: 02:00 PM to 02.30 PM

S.No.	TIME	PAPER ID	AUTHORS	E-MAIL ID	PAPER TITLE
1	02:30 - 02:40 PM	347	Sharma, Rishabh*; Garai, Rudra ; Patwardhan, Prathamesh; M, Uma Devi	rs9756@srmist.edu.in	Cloud Based Honeypot for Cyberattack Detection
2	02:40 - 02:50 PM	350	RAMEEZ, MOHD; GUPTA, MAAHIN *; KUMAR, SENTHIL	mm4484@srmist.edu.in	License Plate Detection and Extraction Using YOLOv8 and EasyOCR
3	02:50 - 03:00 PM	351	S, Vishwa*; k, Manisankar; J, Manjula; R, Paulinprisha	vk8680@srmist.edu.in	IoT-Driven Machine Learning System for Autism Spectrum Disorder Monitoring
4	03:00 - 03:10 PM	352	Aravindan, Madhu Shree *; S, Ramamoorthy	ma2889@srmist.edu.in	Semantic Resume Ranking: Leveraging Generative AI for Contextual Job Matching
5	03:10 - 03:20 PM	355	Garg, Aksh*; Kulandaivel, Dr. Madhumitha	akshgarg13@gmail.com	Autonomous Underwater Vehicle Fleet (AUV-F) Communication Technology Advancements
6	03:20 - 03:30 PM	356	Goel, Manas*; Gupta, Manya; C, Jothi Kumar; S, Shanmugam; C, Ashokkumar	ms2795@srmist.edu.in	Leveraging AI: Contrasting ML and LLM Approaches for Predicting Asthma Outcomes
7	03:30 - 03:40 PM	360	SHARMA, ADITYA*	ah7425@srmist.edu.in	Patient Condition Classification Methods Utilizing Drug Reviews
8	03:40 - 03:50 PM	361	Sharma, Shubham *; Joshi, Suyash Kumar; Devi, M. Uma; Jayapradha, J	sv9944@srmist.edu.in	Predictive Disease Diagnosis using Machine Learning and Large Image Model
9	03:50 - 04:00 PM	364	Kashyap H B , Akshada*; M, Harshit; S, Dr. Ramamoorthy	hk2762@srmist.edu.in	AI-Powered Dynamic Hint Generation using Real-Time Code Parsing
10	04:00 - 04:10 PM	367	Kumar, Tushar*; Kulandaivel, Madhumitha; Dhayal, Ashwani; Singh, Aditi; Agrawal, Tanishq	tushaarxr@gmail.com	Dynamic Urban Mobility: Enhancing Road Safety and Traffic Flow Through an AI-Driven Digital Twin Framework – A Case Study of Coimbatore
11	04:10 - 04:20 PM	368	Ram, Vignesh *; Vijay, Shanjith; Peter, Dr.J. Selvin Paul; Esther, Dr.B. Priya	vs3424@srmist.edu.in	Conversational Image Recognition Chatbot: A Multimodal AI Approach with Vision and Speech Integration
12	04:20 - 04:30 PM	381	Shaik , Yusaf *; M, Anand	skyusaf97@gmail.com	Advanced Brain Tumor Classification Using Long Short-Term Memory Networks

Date: 2.4.2025 – Session AN
Venue : Mini Hall - 2, TP Ganesan Auditorium
Keynote Session (Online) : Dr. Thota Narayana Rao/NARL
Topic :
Time: 02:00 PM to 02.30 PM

S.No.	TIME	PAPER ID	AUTHORS	E-MAIL ID	PAPER TITLE
1	02:30 - 02:40 PM	385	M, Eliazer*; Mukherjee, Neelabhro; Mukherjee, Mrinal Kanti	eliazerm@srmist.edu.in	AI-Driven Smart Agriculture: Integrating Soil, Climate, and Disease Analytics for Optimal Crop Recommendation
2	02:40 - 02:50 PM	387	M, Eliazer*; Kadam, Vedant; Patel, Prit	eliazerm@srmist.edu.in	Decentralized Crowdfunding: A Framework for Transparent and Efficient Fundraising
3	02:50 - 03:00 PM	390	M, Eliazer*; Motiani, Rishabh; Anand, Aditya; Achuthan, Aditya; Motiani, Ekansh	eliazerm@srmist.edu.in	Emotion Based Music Player Device Using a combination of Raspberry pi and Open CV
4	03:00 - 03:10 PM	393	A, Pragadeesh*	pragadeeshannadurai@gmail.com	YouTube and Gmail spam detection using NLP
5	03:10 - 03:20 PM	394	D.R., guna shresht ; K Cherian, Dr. Aswathy*; Singh, Dewashish	aswathyc1@srmist.edu.in	Vitamin Deficiency Detection Using Image Analysis
6	03:20 - 03:30 PM	397	Khan, Seneen *	khan.seneen333@gmail.com	Identity Management System
7	03:30 - 03:40 PM	403	Shibi, Sherin*; Akur , Akhil ; B, Kaarthikeyan ; Rubia, Jency ; Lincy, Babitha	sherinsc@srmist.edu.in	A comparative analysis on adversarial domain adaptation for hyperspectral image classification
8	03:40 - 03:50 PM	405	Patel, Tushar*; G, Bhargavi; Sherif, Arshad; Gupta, Kamya	tusharkv0036@gmail.com	A Secure and Transparent Crowdfunding Platform
9	03:50 - 04:00 PM	406	Shinde, Aditya*; Patil, Aastha; A, Pandian	ak3594@srmist.edu.in	Advanced Detection & Classification of Bell Pepper, Potato, Tomato Leaf Diseases Using Vision Transformers
10	04:00 - 04:10 PM	410	Yadav, Divyanshu*; Singhal, Manvi; R, Brindha	dd8353@srmist.edu.in	HealthQ A RAG-Enhanced Multilingual Healthcare Chatbot Using LLMs
11	04:10 - 04:20 PM	415	Chavan, Yashraj*; chavan, sagar; Bushra, Nikkath	ycchavan93@gmail.com	Automated Rice Leaf Disease Classification Using Convolutional Neural Networks for Early Detection and Improved Crop Management
12	04:20 - 04:30 PM	416	Patil, Agnivesh*; Kathrotiya, Hemil	ar1648@srmist.edu.in	Real-time Automated Threat Intelligence Mechanism

Date: 3.4.2025 – Session FN					
Venue : TP - 401					
Keynote Session (Offline) : Ruso Tamlilarasan					
Topic : Artificial Intelligence for IOT					
Time: 09.30 AM to 10.15 AM					

S.No.	TIME	PAPER ID	AUTHORS	E-MAIL ID	PAPER TITLE
1	10:20 - 10:30 AM	424	Poornima, S; Meena, Ayush*	21ayushmeena@gmail.com	Medical Symptom Checker
2	10:30 - 10:40 AM	425	Ranjan, Shreya*; Mittal, Aditya ; S, Babeetha	sv0451@srmist.edu.in	AI-Powered Mock Interview Platform for Enhanced Candidate Assessment
3	10:40 - 10:50 AM	431	Bhattacharyya, Deepayan*; Tiwary, Rishabh; M, Revathi	deepayanbhattacharyya9@gmail.com	AI Driven Cloud Based Emotion Recognition
4	10:50 - 11:00 AM	433	Putha, Bhanu Prakash Reddy*; Peravali, Nikhil; Daniel, Jesline	pvt2202@srmist.edu.in	Creating An Effective Machine Learning Model For Monitoring And Maintaining Cardiac Health
5	11:00 - 11:10 AM	435	Manojkumar, Manav *; Singh , Sampriya ; K, Dr. Ishwarya	mm1943@srmist.edu.in	CNN based Agricultural Pathology Identification for Detection of Prevalent Phytopathological Conditions
6	11:10 - 11:20 AM	437	Kole, Reetam*; Hoque, Ahhsanul; Singh, Neeraj; Patel, Chhayank	rnmkole@gmail.com	Adaptive Signal Control with Accident and Ambulance detection
7	11:20 - 11:30 AM	441	Ampalam, Manikanta Sai Supreeth*; Vannemreddy, Pranathi; S S, Saranya	ms2384@srmist.edu.in	Smart Aquaculture: Design and Implementation of a Distributed IoT System for Real-Time Water Quality Monitoring
8	11:30 - 11:40 AM	446	Shiva Bala, Karthick*; Marvaniya, Jeel; K, Alice	ks7174@srmist.edu.in	Optimized Brain Tumor Classification on MRI Images with Big Transfer and EfficientNet: Comparative Study
9	11:40 - 11:50 AM	447	Dengla, Shivansh*; Datta, Shrimayee; Balasubramanian, Sowmiya	shivanshdengla@gmail.com	Blockchain Based Charity Vault - Leveraging Decentralized Finance to Encourage Savings and Support Healthcare
10	11:50 - 12:00 PM	450	Fernandez, George*; S, Harshitha ; Keerthi, Kalvapalli ; Reddy, V Bharath ; Likitha, Madineni ; T G, Gangadhar	george.contact@gmail.com	Smart Monitoring of Human and Animal Detection Using Yolo
11	12:00 - 12:10 PM	453	Singh, Saksham*; Pal, Rupanjan; Nancy, Maria	ss6086@srmist.edu.in	Real-Time Botnet Detection System In Network
12	12:10 - 12:20 PM	454	R, Priyadarshini*; A, Sheik abdullah; Mishra, Utkarsh	priyadarshini.r@vit.ac.in	Automated mortality rate meta-analysis on the past medical history of Covid-19 affected patients using priority-based ML techniques in IOMT platform

Date: 3.4.2025 – Session FN

Venue : TP - 404

Keynote Session (Offline) : Vishnu T U

Topic : AR VR and XR in Healthcare

Time: 09.30 AM to 10.15 AM

S.No.	TIME	PAPER ID	AUTHORS	E-MAIL ID	PAPER TITLE
1	10:20 - 10:30 AM	458	Sinha, Mihika*; Dubey, Siddhanth; Pandian, Dr. A.	sinha.mihika.a@gmail.com	Adaptive Micro-Doppler Signal Classification of Birds and Drones Through GAN-Enhanced Meta-Learning Models
2	10:30 - 10:40 AM	460	Vellanki , Venkat*; Reddy, Karthikeya; Bushra, Nikkath; K, Sreekumar; Amaran, Sibi	vv1172@srmist.edu.in	Sight Sense: Automated Captioning of Visual Data
3	10:40 - 10:50 AM	463	pandiaraj, selvaraj*; Khamesra, Aryan; Singh, Isha ; Anand, Suresh ; K, Geetha	selvarap@srmist.edu.in	Quantifying the interpretability and accuracy of XAI Models: A Comparative Study of XAI Models on different datasets
4	10:50 - 11:00 AM	464	D Nair, Akhil; T, Sreevatsan; P, Madhavan*; S, Ramamoorthy; M, Kowsigan	madhavap@srmist.edu.in	Human Activity Recognition Using Deep Learning
5	11:00 - 11:10 AM	465	Fernandez, George*; Sinchana, H S ; Vaishnavi, K; Hegde, Shambhavi	george.contact@gmail.com	SMART WARDROBE: AR DRIVEN VIRTUAL TRY-ON
6	11:10 - 11:20 AM	486	Poswal, Arnav*; Golchha, Aayushi	poswalarnav37@gmail.com	FocusFleet: Driver Drowsiness Detection using CNN mobilenetv2
7	11:20 - 11:30 AM	487	Suryadevara, Ram Nikhil*; S, Prabu; Karanam, Trivedh	ramnikhilviraj@gmail.com	Self Organising and Probabilistic models for Market Segmentation: A Machine Learning Approach
8	11:30 - 11:40 AM	488	P, Sathish; P, Lokesh; P, Madhavan*; S, Ramamoorthy; M, kowsigam@srmist.edu.in	madhavap@srmist.edu.in	Automated Sickle Cell Detection Using Deep Learning: A Precision Approach for Diagnosis
9	11:40 - 11:50 AM	507	Jaddu, Chaitanya Shankar Srinath*	jadduchaitanya3@gmail.com	Advanced Authentication And Secure File Management System With Multi-Modal Security Integration And Role-Based Access Control
10	11:50 - 12:00 PM	508	Bharadwaj, Sahana; Malhotra, Bhavya; Thilagavathy, R*	thilagar2@srmist.edu.in	PARKINSON'S DISEASE DETECTION USING LIGHTGBM FOR VOICE DATASET
11	12:00 - 12:10 PM	509	Anila, Satya*; Reddy, Rishikesh	mm4077@srmist.edu.in	DeepGuard: A Transformer-Based Hybrid Deep Learning Framework for Cyberbullying Detection in Social Media
12	12:10 - 12:20 PM	510	S, Kanmani*; Gandivalasa, Seshank; Pallapolu, Anjani Kumar	kanmanis@srmist.edu.in	AI CONTENT BOT

Date: 3.4.2025 – Session FN					
Venue : iMac Lab - 1, 14th Floor, TP 1					
Keynote Session (Online) : Prof. Dr. Mardeni Bin Roslee					
Topic : IOT Agriculture					
Time: 09.30 AM to 10.15 AM					

S.No.	TIME	PAPER ID	AUTHORS	E-MAIL ID	PAPER TITLE
1	10:20 - 10:30 AM	511	s, Gnanavel*	gnanaves1@srmist.edu.in	Estimation of Power Consumption for Household Electric Appliances using Machine Learning
2	10:30 - 10:40 AM	515	SAI SRI VEER, BANDARU*; VENKATA DILEEP, AMARA; SRINIVASAN, R	sb5124@srmist.edu.in	Signature Forgery Detection: Leveraging CNN and Advanced Algorithms for Improved Accuracy
3	10:40 - 10:50 AM	516	Harsh, Yuvraj; Metha, Abhishek; M, RAJALAKSHMI*	rajalakm2@srmist.edu.in	Hybrid Epileptic seizure prediction from EEG Signals using CNN and LSTM
4	10:50 - 11:00 AM	517	Krishna, Shikhar *	shikharkrishnawork@gmail.com	Heart Disease Prediction Using Machine Learning Algorithms
5	11:00 - 11:10 AM	519	Mudaliar, Krutik *; Mehta, Geetesh; Kokila, Sworna	krutikmudaliar13@gmail.com	Advanced Tennis Analysis Using AI-Powered Object Detection and Key Point Analysis
6	11:10 - 11:20 AM	520	s, Gnanavel*	gnanaves1@srmist.edu.in	Combating Advanced Persistent Threats with a Multi-Layered Anomaly Detection Framework
7	11:20 - 11:30 AM	521	S, KAPILAMITHRAN*	kapilamithrans@gmail.com	SPATIO-TEMPORAL BASED TRAJECTORY ANALYSIS FOR OPTIMAL ROUTE PREDICTION WITH LOW TIME COMPLEXITY
8	11:30 - 11:40 AM	526	Billuri , Shanmukh *; Vallepalli, Sriram; Ramesh, S	shanmukhbilluri@gmail.com	Predictive Modelling for Network Threat Detection Using AI Techniques
9	11:40 - 11:50 AM	531	Bhagat, Sanidhya; T, Shailesh Raj; P, Madhavan*	madhavap@srmist.edu.in	Intruder Alert System Through Wireless Sensor Network
10	11:50 - 12:00 PM	533	Tammana , Dhatrisri *	dhatrisri48@gmail.com	Smart IOT based garbage collector
11	12:00 - 12:10 PM	535	Gupta, Sarthak*; Quaseem, Md Faraz; B, Amutha	sr2530@srmist.edu.in	Optimization Strategy of EV Charging Infrastructure with distribution grid
12	12:10 - 12:20 PM	553	Bajaj, Aaryaman*; Arora, Ansh; Selvin Paul Peter, J	an1143@srmist.edu.in	Sustainable Database Systems: Machine Learning-Driven Resource Optimization in Cloud Environments

Date: 3.4.2025 – Session FN					
Venue : iMac Lab - 02, 14th Floor, TP - 1					
Keynote Session (Online) : Dr. Hyunsung Kim					
Topic : Forward secrecy for IoT Cryptographic Protocols					
Time: 09.30 AM to 10.15 AM					

S.No.	TIME	PAPER ID	AUTHORS	E-MAIL ID	PAPER TITLE
1	10:20 - 10:30 AM	555	Kumaresan, Shoban*; Sathish, Sanjai; MAHENDRAN, RAKESH KUMAR	shoban0506@gmail.com	AI DRIVEN BLOCKCHAIN SECURED AND EMOTION RESPONSIVE E-LEARNING.
2	10:30 - 10:40 AM	565	Chowdhury, Nandan; Gorai, Goutam; S, Dr. Nalini*; Gorai, Goutam	nalinis2@srmist.edu.in	Alzheimer Disease Prediction using Quantum Image Classification
3	10:40 - 10:50 AM	567	Ojha, Kamya*; Surana, Palaash ; Ramalingam, Anita	ka4242@srmist.edu.in	Real-Time Sign Language Detection and Recognition Using Live Camera Interface with Multilingual Translation and Speech Synthesis
4	10:50 - 11:00 AM	572	B.Jothi, Dr.; S.Krishnaveni, Dr.; B R, Vishal*; Shrre, Soorya	brvishal22@gmail.com	MANAS: Integrating Advanced AI for Personalized Mental Health Support, Crisis Intervention, and Medical Insights
5	11:00 - 11:10 AM	579	M, Baskar*; Mittal, Tushi; Verma, Ria	baashkarcse@gmail.com	DeepFakeNet: Leveraging GenConViT For Enhanced Deepfake Detection
6	11:10 - 11:20 AM	580	Jain, Parshva; Hedaoo, Aryan ; M, Baskar*	baashkarcse@gmail.com	Air Cursor : Gesture Controlled Interface
7	11:20 - 11:30 AM	582	M S, Anvesha *; K R, Rick Brenton; M, Baskar	as0481@srmist.edu.in	Biogas Production Prediction in Livestock and Dairy Cow Farms
8	11:30 - 11:40 AM	585	M, Baskar*	baashkarcse@gmail.com	Tracking Online Disinformation Using BERT
9	11:40 - 11:50 AM	590	Chowdhury , Jewel*; Wahid, Farhan	js5286@srmist.edu.in	Optimal Afforestation Sites for Air Quality Improvement Using Satellite Data
10	11:50 - 12:00 PM	591	J, Kavinvvarsha*; PT, Kousalya; R, Kavipriya; S, Priyadharshini; D, Faridhabanu	kavinvvarsha.j2021eceb@srmist.edu.in	Smart Power Consumption and losses monitoring System using IOT
11	12:00 - 12:10 PM	592	P, Selvaraj*; Venkata Varun, Konagalla ; Acharya, Anisha	selvarap@srmist.edu.in	Enhanced Autism Identification with CNN and Gaze
12	12:10 - 12:20 PM	593	S, Moshiga *	moshirev03@gmail.com	Advancing Business Process Intelligence: A Novel Framework Integrating TAPEx and PM4Py for Enhanced Workflow Analysis and Optimization

Date: 3.4.2025 – Session FN
Venue : Mini Hall – 01, TP Ganesan Auditorium
Keynote Session (Online) : Ari Happonen
Topic :
Time: 09.30 AM to 10.15 AM

S.No.	TIME	PAPER ID	AUTHORS	E-MAIL ID	PAPER TITLE
1	10:20 - 10:30 AM	25	Kumari, Sristi*; ., Devesh; S, Iniyan	sr7790@srmist.edu.in	Crop Yield Forecasting of Corn Using LSTM Deep Learning Technique
2	10:30 - 10:40 AM	95	Pruthi, Harsh; C, Dr. Santhanakrishnan*	santhanc@srmist.edu.in	Financial Management System - Personalized AI Tracker
3	10:40 - 10:50 AM	99	SahiL, Sahil*	sz7612@srmist.edu.in	Emotion Detection in Speech: A Real-Time Approach with LSTM s
4	10:50 - 11:00 AM	101	Mazumder, Sneha; Debnath, Subhranka; C, Santhanakrishnan*; Ramya, M	santhanc@srmist.edu.in	SIGN LANGUAGE RECOGNITION USING HAND GESTURE
5	11:00 - 11:10 AM	181	Ukrit, Ferni; Rastogi, Utkarsh*; Pargal, Karan	ur5719@srmist.edu.in	Scalable On-Chain Federated Learning Pipeline using Zero Knowledge Proof of Training
6	11:10 - 11:20 AM	197	GROVER, MITSIL*; Dhanuka, Priyanshi ; Abirami, Dr. G	mk5408@srmist.edu.in	Gesture Controlled Virtual Mouse With Smart Assistant
7	11:20 - 11:30 AM	200	Nag, Kabbier*; Sharan, Subham; Jansi, K R	kp2326@srmist.edu.in	Anemia Detection using Palpebral Conjunctiva Segmentation and Classification
8	11:30 - 11:40 AM	204	Kumar, Aarju*; Dhaker, Tamanna; Abirami, Dr. G.; Girija, Dr. R.	am0067@srmist.edu.in	YOLOv9 for Motorbike Helmet Detection: a Comparative Study
9	11:40 - 11:50 AM	218	Sharma, Parnish*; Dohadwala, Mohammad; KR, Jansi	pv7383@srmist.edu.in	Crop Price Prediction Using Prophet Model
10	11:50 - 12:00 PM	220	S, Iniyan *	iniyans@srmist.edu.in	Hybrid AI Model for Disease Prediction and Ayurvedic Recommendations
11	12:00 - 12:10 PM	225	G, Malar*; Tejas, Kalla; K.P., Vishnu Sai; R, Vidhya	malarseg@srmist.edu.in	Prediction of Early-Stage Alzheimer's Disease Utilising Machine Learning Models with Enhanced Data Security on AWS
12	12:10 - 12:20 PM	233	Gautam, Divyansh; Patange, Omkar*; S, Ramesh	work.omkarpatange@gmail.com	Sustainable Air Quality Prediction and Alert System Using IoT

Date: 3.4.2025 – Session FN
Venue : Turing Hall, 8th Floor, TP -1
Keynote Session (Online) : Prabu Krishnan
Topic : Zero-Touch Future: When Even Saying ‘Hey Alexa’ Feels Like Too Much Effort
Time: 09.30 AM to 10.15 AM

S.No.	TIME	PAPER ID	AUTHORS	E-MAIL ID	PAPER TITLE
1	10:20 - 10:30 AM	256	Felix, A Yovan*; R, RAHUL; Raj, Prasanna ; kumar S, Praveen ; B, An kayarkanni ; A, Praveenkumar	yovaanfelix@gmail.com	OpenCV Attendance System Using Face Recognition
2	10:30 - 10:40 AM	267	Nandwana, Animesh*; Andalam, Sai Vignesh	aa7059@srmist.edu.in	Real-Time Plant Disease Diagnosis Through Convolutional Neural Networks
3	10:40 - 10:50 AM	318	Felix, Yovan *; S, Nithyashree ; R, Nimitha	yovaanfelix@gmail.com	Advancing Hate Speech Recognition Using Machine Learning for Real-Time Analysis of Text Content
4	10:50 - 11:00 AM	328	S, Padmini*	padminis@srmist.edu.in	SMART REAL TIME GAS MONITORING FOR INSTANT HAZARD DETECTION
5	11:00 - 11:10 AM	331	K.E, Narayana; S, Lavankishore*; N, LalithAdithya	lavankishore60@gmail.com	TRIAD A DEEP ENSEMBLE NETWORK FOR ALZHEIMER CLASSIFICATION AND LOCALIZATION
6	11:10 - 11:20 AM	338	g, Divakar*; K, Selvi; S, Nithish; G, Keerthivasan; K, Rahul; Reddy, Devalapalli Yogeswar	diva22022.it@rmkec.ac.in	AI-Powered Cognitive Load Estimation for Enhanced E-Learning Personalization
7	11:20 - 11:30 AM	370	TEJA, HIMA*	mm3689@srmist.edu.in	Integrative AI for Non-Invasive Diabetic Retinopathy Detection Using Pupillometry and Ensemble Deep Learning
8	11:30 - 11:40 AM	371	Neyyala, Manikanta*; Reddy, Bathinapatla Prathap; R S, Ponmagal	nn7853@srmist.edu.in	Precision Fertilizer Management
9	11:40 - 11:50 AM	375	P R, Abhishekh; Babu, Haneesh ; A, Pranav*; S, Malarvizhi; Rajavelu, T	pa5606@srmist.edu.in	Unified Health And Motion Monitoring Wearable for Senior Citizen
10	11:50 - 12:00 PM	428	P, Nancy; Aras, Atharv*; Thakur, Anshul; Chakkravarthy, Deeban; Pandirajan, A	ad9694@srmist.edu.in	Decoding Medical Insights : Enhancing Literature Summarization with T5 Model
11	12:00 - 12:10 PM	462	VITESH VARUN, PERANDURU*; NAGA Koushik, DARAM; M, ANAND	pp3281@srmist.edu.in	Network Intrusion Detection through Stacked Machine Learning Models on UNSW-NB15 Dataset
12	12:10 - 12:20 PM	470	G, Malar*; Ahmed Talkal, Farhan ; Agarwal, Vishal Kumar ; Singh Srinet, Achlendu Singh Srinet; R, Vidhya	malarseg@srmist.edu.in	Advanced Hand Gesture Recognition through Data Integration

Date: 3.4.2025 – Session FN
Venue : JC Bose, 12th Floor, TP - 1
Keynote Session (Online) : Niveditha R
Topic : XR in healthcare
Time: 09.30 AM to 10.15 AM

S.No.	TIME	PAPER ID	AUTHORS	E-MAIL ID	PAPER TITLE
1	10:20 - 10:30 AM	484	Talwar, Ishita*; Bhasin, Dhruv	iv5432@srmist.edu.in	Bit – Vision [Crypto Price Prediction System] Using Deep Learning
2	10:30 - 10:40 AM	485	Mishra, Anubhab*; Pande, Aviral	anubhab.m248@gmail.com	AI-Powered Personalized Learning Assistant
3	10:40 - 10:50 AM	492	K N, Maheswara Reddy; pandiaraj, selvaraj*; M, Naga Santosh; M, Suresh Anand; K, Geetha	selvarap@srmist.edu.in	Deep Learning-Based Road Lane and Path Hole Detection with Intelligent High Beam Light Intensity Control
4	10:50 - 11:00 AM	493	P, Selvaraj*; Joshi, Vatsal ; Md , Sameer	selvarap@srmist.edu.in	Anomaly Detection through Improved Generative Adversarial Networks(GANs)
5	11:00 - 11:10 AM	501	Kumar, Disha*; Christopher V, Bibin	dk3599@srmist.edu.in	Automated Lane Monitoring System for Roads and Highways
6	11:10 - 11:20 AM	528	Faizal, Mohamad*; B, Siva Kumar	mf4134@srmist.edu.in	Anomaly Detection in Gear Reduction Starter Motors using FFT, Order Analysis & ML Techniques.
7	11:20 - 11:30 AM	568	Arulprakash, M; Hemanth Kumar Sai, Nainar*; Sai Krishna, Peddi	nn3942@srmist.edu.in	AI-Driven Dynamic Load Balancing and Traffic Optimization on AWS
8	11:30 - 11:40 AM	630	Peter, J. Selvin*; Esther, Priya; Vardhineedi, Bhavya Kamali; Katta, Kalpana	selvinpj@srmist.edu.in	An Interactive Job And Internship Platform
9	11:40 - 11:50 AM	594	Munjuluri, N.G.J.S. Anand*; Nalluri, Raghunandana Teja; B, Arthi	mm3901@srmist.edu.in	SAGE: Student Assistance and Guidance System Using AI
10	11:50 - 12:00 PM	597	KAMESH, NSV*	kameshns122@gmail.com	Machine learning ensemble skin disease identification
11	12:00 - 12:10 PM	614	Kant, Rajni*; R, Jayaraj; Ismail, Syed; Kumar, Ganesh	rajnikomailkaro@gmail.com	Leveraging Generative AI to Enhance ESG Compliance, Management of Climate Risks, and Sustainable Lending in Banking
12	12:10 - 12:20 PM	615	Sri Mani, Repakula*	repakulasrimani@gmail.com	Deep Learning-Based Assistive System for Visually Impaired Individuals

Date: 2.4.2025 – Session AN	
Venue : TP - 401	
Keynote Session (Online) :	
Topic :	
Time: 01:30 PM to 02.15 PM	

S.No.	TIME	PAPER ID	AUTHORS	E-MAIL ID	PAPER TITLE
1	02:20 - 02:30 PM	617	GUPTA, ARUL*; Agarwal, Samarth; Deepak, Mani	av5008@srmist.edu.in	Enhancing Email Classification Accuracy with Long Short-Term Memory (LSTM) Networks: A Comparative Analysis
2	02:30 - 02:40 PM	618	Singh, Aditya*; Sinha, Mayank ; Deepak Choudhry, Mani	adityarajsingh019@gmail. com	DrowAlert: Drowsiness Detection Using (CViT) Convolutional Vision Transformer Model
3	02:40 - 02:50 PM	629	K C, Prabu Shankar*; Majumdar, Aditya; Kundu, Prottyush	prabushc@srmist.edu.in	Vitamin Deficiency Detection Using Image Analysis
4	02:50 - 03:00 PM				
5	03:00 - 03:10 PM				
6	03:10 - 03:20 PM				
7	03:20 - 03:30 PM				
8	03:30 - 03:40 PM				
9	03:40 - 03:50 PM				
10	03:50 - 04:00 PM				
11	04:00 - 04:10 PM				
12	04:10 - 04:20 PM				