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Kottayam**

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PAPER PRESENTATION SCHEDULE

21.02.2025 (Friday)

Session: 1 Date: 21 February, 2025 Time: 2.30 PM – 4 PM Venue: BD402 (New Academic block 3 rd floor)			
SI No	Paper ID	Authors	Title
1	295	Dr. S Sarumathi , H Purushothaman , S Navitha ,K Radhidevi	NaviNest - A Virtual Assistant
2	323	Dr. Pookuzhali S, Abishek Velayutharaj J, Amutha Yalini E	HarmonyAI: A Collaborative Music Composition Tool Using Generative Adversarial Networks, Variational Auto Encoder, and Retrieval Augmented Generation
3	384	U Kumaran, Girish J R, Jenish Praveen Kumar G	PharmaPlus - GenerativeAI Chatbot for Streamlined Drug Informations
4	406	Dr Suchithra M, Shivansh Guleria, Sanskar Patil	NeXt-Ray: Next Gen X-Ray Diagnosis using Deep Learning and Gen AI
5	471	Dr. Laxmi B Rananavare, Dr. Sanjay Chitnis	VrishBot: AI-Powered Conversational Guide to Vrishayurveda
6	249	Rohith Syam , Govind A , Subu Surendran	Graph Neural Network and Natural Language Processing Integrated Methodology for Unmasking Scam Propagation in Social Network
7	463	Siva Bala L, Dr. S. Porpandiselvi	ANN and Fuzzy Logic-Based MPPT Algorithm for High-Gain Converters in Solar Applications

Session: 2
Date: 21 February, 2025
Time: 2.30 PM – 4 PM
Venue: AA111 (Old Academic block_Ground floor)

SI No	Paper ID	Authors	Title
1	50	Abinaya A, Sumathi S, R Srimathi , Vaazhan Arul Santhiya, Dr. G Sivakamasundari, M Pappathi Jancy Rani	Moving Vehicles Counting and Detection Using Deep Neural Networks Based YOLO-NAS Algorithm
2	63	Anudevi R, Lavanya M, Rajkumar K, Srija M	Unifylingo AI Driven Global Translator
3	83	Jaya shree P, Sri Ishwarya T, Varshini S, Dr.V.Gomathi , Dr.S KalaiSelvi , ThamaraiaSelvi D	Traffic Sign Recognition
4	96	Dhruva G, Ishani Bhat, Dr. Sivagamasundari G	Classifying Gaze Patterns for Preemptive Screening of Autism Spectrum Disorder (ASD) in Children Using Deep Learning
5	104	Mohanambika S, Sushmitha S, Lincy A	Online Payment Fraud Detection Using Machine Learning
6	107	M Bala Subramanian, S Kesavan, M Harihara Suthan, Dr.G Sivakamasundari, R Srimathi	Tomato Leaf Disease Detection with Precaution using EfficientNet-B3
7	112	D Jeya Priya, Sarish R V, Sujeeth S	Enhanced E-Waste Classification Through Masked Generative Transformers

Session: 3 Date: 21 February, 2025 Time: 2.30 PM – 4 PM Venue: AA103 (Old Academic block_Ground floor)			
Sl No	Paper ID	Authors	Title
1	174	Annie Chacko, Dr. D John Aravindhar	Enhancing Fairness and Accuracy in Credit Score Analysis: A Novel Framework Utilizing Kernel PCA
2	193	Uthara A S, Dr. Rubell Marion Lincy G	Financial Fraud Detection Using an Advanced Hybrid Model
3	117	Sushma Rajagopal, Dr. K Venkatasubramanian	Freshness Grading of Tomato using Fast R-CNN
4	125	N Sasi Shrilekhy, Nakka Krishna Sai, Karthick Seshadri	Upper Confidence Bound versus Adaptive Posterior Sampling for Multi-Armed Bandit Game Models
5	205	Nighila Ashok, Abhila C Ajay, Amith M R, E S Yadhav Shaji, Lakshmi I S	Review On Pneumonia Detection From Chest X-Ray
6	216	Dhanwanth Kishan S, Nayana M, Abhay Unnikrishnan, Vaishnav O S	Breed Identification And Emotion Detection Of Dogs Using Deep Learning
7	220	Gishma K M, Fathima Neja, Husna Parveen, Mirsa Mohammed, Thansih T S	Skin Disease Detection Using CNN

Session: 4 Date: 21 February, 2025 Time: 2.30 PM – 4 PM Venue: AA126 (Old Academic block_Ground floor)			
Sl No	Paper ID	Authors	Title
1	303	J Rajeshpushpa, Dr. N Radha, Jenitha Mary	Speech Based Early Detection Of Parkinson's Disease
2	250	Thanraj V, Dr. Preethi S R, Thiraviya sundararamam S, Veeramani, Vengadesh R.	Sustainable Agriculture Through IoT Based Plant Disease Identification And Crop Management Using Deep Learning
3	260	C Amali, Thenmathi S, S Sudha, M Subhikshana	Smart LPG Leak Detection and Automatic Shutdown System
4	274	M Jayalakshmi, K Hrithik, K Pavan Kalyan Reddy, D Raheem, D Krishna Mohan	Empowering Speech-Impaired Individuals: A Hand Gesture to Text and Voice Conversion System
5	286	Selva Lakshmi C B, Santha Sheela K, Himal P S G, Rajesh C	AirType: An Air-tapping Keyboard for Augmented Reality Environment
6	311	Avinash Dhiran, Anurag Kumbhare, Achal Patil, Mrugank Vichare, Dr. Dhananjay Patel	Real-Time Static Hand Sign Recognition System using MediaPipe and Fully Connected Neural Network

7	226	Dr. Hemalatha K, Shradhanjali Das, Ananya Sundar, Annamalai vikash Raam	A Review on Privacy-Preserving Techniques in Federated Learning for Medical Image Analysis
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Session: 5 Date: 21 February, 2025 Time: 2.30 PM – 4 PM Venue: AA127 (Old Academic block_Ground floor)			
SI No	Paper ID	Authors	Title
1	340	Divvyanshu Desai, Mayank Sharma, Geetha Sri, Dr. Kumaran P	Attention-Enhanced Convolutional Neural Network For Emotion Recognition In Facial Expressions
2	386	Dr.R Thamizhamuthu, Ratnesh Kumar Raja, Satyam Mishra	A Controlled Gesture Smart Vending Machine using AI techniques
3	407	Dhanush Gowda R, G M Abhilash, Eshwar M, Achuth S C, Sunanda H G	NutriVision: YOLO-SAM-Driven Dietary App for Personalized Food Recommendation and Meal Tracking
4	408	Oormila L, Dr.M Suchithra	A Comprehensive review of Brain Disorder Prediction: Current Techniques and Insights with Future Research Directions
5	412	Saransh Mishra, Pavan Nair, Dr. Pushpalatha M,Dr Poornima S	Real-Time Gesture Recognition to Aid Communication in Children with Motor Impairments.
6	422	Harsha M, Geethanjali S Kumar, Gunashree S , Madhumita Mishra	Comparative Study of Machine Learning Algorithms to Predict Fetal Health using Cardiotocography Data

Session: 6 Date: 21 February, 2025 Time: 2.30 PM – 4 PM Venue: AB201 (Old Academic block_1st floor)			
SI No	Paper ID	Authors	Title
1	425	Hariarasi A, Dr. Banumathi J	Automated Multiclass Skin Cancer Detection: An Efficient Approach Utilizing Pre-Processing and EfficientNet
2	426	Shawon Ghosh, Santosh Kumar Panda, Manoj Bishwal, Pankaj Kumar Sa	Transformer-Based Model for Building Classification Under Diverse Lighting Conditions
3	427	AR Sai Thirilok, Rohan Karampuri, Dr. Ravi Kumar Jatoth	Enhancing Keyword Spotting Performance Using Hexadecimal Encoding for Edge Devices
4	446	Pradeep Chandran, Dr. K S Sunil	Hybrid Deep Learning Framework for Robust Anomaly Detection in Water Distribution System
5	457	Vishnu Kurnala, Siddartha Muddam, Sudeep Banerjee Chopra	Single Object Tracking for Defense Application
6	462	L Jenitha Mary, Dr. N Radha, Dr.Swathika R	Hierarchical Ensemble Model for Thyroid Cancer Detection using Multimodal Data
7	474	Smrithi Sumesh, M Subramoniam	The Role of Vision Transformers in Dermoscopic Skin Disease Diagnosis: A Comprehensive Review of Methods, Challenges, and Future Directions Using the HAM10000 Dataset

Session: 7 Date: 21 February, 2025 Time: 2.30 PM – 4 PM Venue: AB202 (Old Academic block_1st floor)			
SI No	Paper ID	Authors	Title
1	504	Suvedhaa A, Imranmohamed M, Sudhipth V, Dr. Tamilarasi M	AI-Powered Workforce Management for Automated Appraisals and Task Allocation
2	507	M Diviya, K B Vaissnavi, Shashini V	A Comparative Study of Clustering Algorithms in Mental Health Data Classification
3	529	Kiran B,Jayalakshmi C, Keerthiraj S B, Inchara Angadi, Gouri Karbasappa Banakar	Advances In Software Engineering And Programming
4	537	Neha Lilly Kishor,Afreen Anil,Neha S Eluvanthingal,Saran KS,Ajith Jacob	Songs2Notes : ML Model Converting Songs To Music Notes
5	546	N Subhash Chandra Bose, Dr I Kumaraswamy, N Hari Krishna, T Ravi Sankar Reddy, P. Sudhakar ,Dr G Hari Krishnan	Integrating InceptionV4 and Color Histogram for Scalable E-Waste Classification Framework

6	547	P Sudhakar, Dr. I Kumaraswamy, T Ravi Sankar Reddy, N Hari Krishna, N Subhash Chandra Bose , Dr. G Hari Krishnan	Optimizing Apple Leaf Disease Detection with Advanced Ensemble Architectures
7	490	Kripa Anna Sajan , Mahitha Mariam Shiboo , Pournami , Roopak Roy , Jo Cheriyen , Rose V Pattani	Secure Image Steganography Using Deep Learning

Session: 8 Date: 21 February, 2025 Time: 2.30 PM – 4 PM Venue: AB226 (Old Academic block_1st floor)			
Sl No	Paper ID	Authors	Title
1	218	Surya Narayanan C, Sivapriya Venkateswarar, Dr.U Padmavathi	Enhancing Image Encryption through Optimized Key Generation: An Analysis Using the Emperor Penguin Optimizer
2	309	Tushar R, Shruti Sivaramakrishnan, Ramesh S R	Design of Power and Area Optimized 16-bit Multiplier
3	349	Sakthi preetha A,Dr. K Kavitha, JeganBala S, Somas Kandan J S, Afeef Ahmed kamal A	Portable Multi-Sensor Device for Real-Time Detection of Food borne Pathogens and Contamination
4	450	Sai Vishal Peela,Vijaya K,Saraag Jayam	Evaluation of Machine Learning Techniques in the Classification of Malware Attacks
5	458	Ganya J, Harshitha M A, Sanjana A Nidigol, Tasees Fouzan, Mandara C M	Smart Agriculture: IoT and AI-Driven Solutions for Optimized Crop Management and Sustainable Farming
6	467	D Vivek Narayanan, V Gowri Priyaa, M Alexpandi, K Jeya Surya, K B Shashwanth	Design and Implementation of a LoRa-Based Tactical Communication System using Low-Power Sensors
7	517	Naveen S D, Darshan Jayachandran, Jesvin Sebastian Madona, Vinod Pathari, K Murali Krishnan	Noise-Tolerant Threshold Cryptography

Session: 9 Date: 21 February, 2025 Time: 2.30 PM – 4 PM Venue: AB227 (Old Academic block_1st floor)			
Sl No	Paper ID	Authors	Title
1	55	Dharshini R, Aarthi S, Kanthimathi M	EventLink - An Efficient Registration With QR Codes
2	337	Naveena Tresa Joseph, Dr. S N Kumar, Dr. Shobhaba N V, Midhun P Mathew	Particle Swarm Optimization Framework for Underwater Image Enhancement in Big Data Context
3	409	Subhashish Nayak, Pabitra Mohan Khilar	Reinforcing Clustering Accuracy in Healthcare Data Through Cluster-Driven Matrix Factorization for Accurate Data Imputation
4	184	Shashi S B,Raghunandhan S,Dr. G Geetha,Aathityan Mariraj,Siva Ananth A,Prabhavathi R	Personalised Learning Platform Using AI-Based Adaptive Systems
5	65	Archana Pown T, Marzooqa Naeema Kather, Vazhan Arul Sandhiya R, Pappathi Jancy Rani M, Srimathi R	GDT - Generate, Debug and Translate Code

Session: 10 Date: 21 February, 2025 Time: 2.30 PM – 4 PM Venue: AC306 (Old Academic block_2nd floor)			
Sl No	Paper ID	Authors	Title
1	170	K Thanushree , Dr. U Padmavathi	Fortifying Plasma Chains: A Quantum-Resilient Approach using Hybrid Cryptography
2	310	Vidhyalaxmi A, Renugadevi R, Karthikeyan Jothikumar, Dr. Gomathi V, Amutha Priya K, Janani Ratthna S G	The Metaverse in Higher Education: Development of a Framework for Gamification Learning
3	314	ManojKumar P, Josephkutty Jacob	Capturing of Cognitive Processes during Object-Oriented Programming
4	333	Anantha Krishnan K, Anusharaj S, Atul Thukalan Binu, Swetha K, Dr. Vijayalakshmi P	Cognitive Activity and Language Classification for Bilingual Speakers using EEG Signals
5	380	Jithu V Biju, Adithya P Mallya, P Kirubanantham	Prediction of Cardiac Disease using Quantum Enhanced Ensemble Learning Approach
6	416	Dr. Darwin Jose Raju A, Gerald Briyolan B, Ashlin Stephy K, Byju B	The Integration of Virtual Reality (VR) in Driver Education

Session: 11
Date: 21 February, 2025
Time: 2.30 PM – 4 PM
Venue: Mukhil (Old Academic block 1st floor)

Sl No	Paper ID	Authors	Title
1	105	A Ramathilagam,C SakthiLakshmi Priya ,M Sadhiesh Krishnan,R Srikanth ,B Prakash	AI-Powered Drone Helps Crack Anesthesiologist Murder
2	106	Navedha Evanjalín R, Dr. Mohaideen Pitchai K, Garpahaganesh R	Cutting Edge Vision: Object Detection Mastery with YOLOv5
3	118	Dr. I R Oviya, Sushma R, Shaik Abdul Samad , Divya S	A Hybrid XGBoost-MLP Approach for Predicting miRNA-Disease Associations
4	121	Venkitesh S Anand, Akhil V V	Ethics in the Era of Generative AI: A Framework for Responsible Development and Use
5	428	Sandra Chaithanyam Bijukumar, Gayathri G Reshma, Hridya J Nair, Anandakrishnan Nandakumar, Sreerenjini Biju, Ramitha Ramachandran, Meghalakshmi A Ramachandran, Rajesh M.d Gopalakrishnan, Georg Gutjahr	Statistical Models for the Assessment of Knowledge and Skills of Lung Ultrasound Among Respiratory Therapists
6	431	Gayathri G Reshma, Sandra Chaithanyam Bijukumar, Hridya J Nair, Anandakrishnan Nandakumar, Sreerenjini Biju, Sreelakshmi Swaminathan, Perraju Bendapudi, Georg Gutjahr	Prediction of Ideal Depth in Neonatal Endotracheal Intubation
7	436	Mohammed Abdul Hakkim A, Shali S S, Joshuva Mosay A, Dr. Darwin Jose Raju A, Dr. Annrose J	YOLO Based Animal Repellent Device Using Raspberry Pi

Session: 12
Date: 21 February, 2025
Time: 2.30 PM – 4 PM
Venue: Tapovan

SI No	Paper ID	Authors	Title
1	318	Dr. Kavitha D, Ayush Raj, Siddharth Singh, Vaibhav Khandelwal, Madhur Kumar Jindal	Context Aware AI Assistant Using Open AI
2	351	M. Maragadhavalli Meenakshi, Selvi M, Srimathi R, Aravindhan A	Context-Aware SQL Query Generation: Enhancing Natural Language Interaction & Query Correlation in Relational Database
3	1	Akhilesh Sharma, Dr. Amar Johri, Dr. Deepak Kaushal, Kapil Ahalawat, Jitendra Singh Chauhan	Financial Technology (Fintech) in Advancing Sustainable Development in The Indian Agrarian Economy: A Systematic Review and Comprehensive Analysis
4	222	Pragash K, Jeevitha K, Pushpa R, Sriram B, Karthik Govindaraj A	Survey On Explainable AI Based Meta-Learning to Enhance Patient-Specific ECG Anomaly Detection
5	470	Auster Nesan A, Dr. Bruce Ralphin Rose J	Enhancement of Wind Power Forecasting Through LSTM Networks, Correlation Analysis, and Predictive Modeling
6	511	Nehal Khan, M Diviya, Kaushik Kumbhat, Rohit Prasanna	Enhancing Accessibility and Autonomy for Visually Impaired Individuals Using AEyeD: An Assistive System
7	515	Mohd Kamran Warsi, Kartik Baghel, Chitranshu Gupta, Dr. Sherly Alphonse	Course Selling Website using MERN Stack

Session: 13
Date: 21 February, 2025
Time: 2.30 PM – 4 PM
Venue: BD401

SI No	Paper ID	Authors	Title
1	238	R Rajan,P Priyadarshani, R Santhoshkumar,Somorjit Laishram	A Survey on Multimodal Transfer Learning for Medical Imaging and Speech
2	322	Maragadhavalli Meenakshi M, Jayapratha N,Vijaysurya M, Lingeshwaran G, Vijay S,Prethega S N,Sharaan V, Hemachandran S, Priyadharshani A, Abinaya S,	Predictive Modeling For Hospital Readmission Risk Using XGBoost And LightGBM Techniques with Class Imbalance
3	363	Pragati B Gedam, Atiya Khan, Neha Purohit, Dr. V K Jha	Development of AI based Computer Vision Scrap Sorting System for Aluminium Alloy Scrap
4	418	Dr.V.Manjula , Pranav Panicker, Adhithya Nainar, Nicolas Mathew	Personal Stylist using Computer Vision and Large Language Models
5	499	Bhimaneni Lokesh Narayana, Dr. Sindhu Ravindran, Kotnur Abhiram, Dr. Hariharan Muthusamy, Saidatul Ardeenwatie	An Efficient Malware Detection and Classification System using Deep AutoEncoding Technique
6	506	M Diviya, Nagireddy Kavyasree	Enhancing Antimicrobial Resistance Detection in Pneumonia
7	494	Dr. D Roja Ramani, A Sivakumar, Chandresh M, Dr. S Senthil Pandi	Revenue Management and Dynamically Optimizing Digital Goods Pricing using Expectation-Maximization Algorithm

Session: 14
Date: 21 February, 2025
Time: 2.30 PM – 4 PM
Venue: BD404

Sl No	Paper ID	Authors	Title
1	509	M Diviya,L Shanmuk Reddy,B Meganath Lova Sudheer,G Harshith,P Chandrsena Reddy	Optimizing Melanoma Detection with Hybrid EfficientNetB3 and MobileNetV2 for Real-Time Applications
2	510	N Sanjana,M Diviya	Enhancing Sign Language Recognition and Translation with Deep Learning: A CNN-based Approach
3	523	Dr Diviya M, Kowtham V	MLDNET - Mango Leaf Disease Diagnosis Using Techniques Of Deep Learning
4	528	Gautham R, Mohamed Riyaas, Omprakash, Sherly Alphonse	WarLens – Transfer Learning for Event Classification in Conflict Zones
5	530	Primitha S, Sindhu Ravindran, A K Reshmy, Dr V Shenbaga Priya, Fizza Ghulam Nabi	A Comprehensive Review on the Use of Electronic Nose in Diagnosing Anosmia: Integration with Machine Learning Techniques
6	550	Swapnali Sunil Gawali,Dhananjay B Kshirsagar	An Efficient Optimal Feature Selection-based Multi-Task Learning Model using Dilated Convolutional Neural Network with Improved Doctor and Patient Optimization
7	100	Dr.B Shunmugapriya, Aashik Niswin RJ, Asbar J, Deva M	Attendance Management System Using Blockchain

Session: 15
Date: 21 February, 2025
Time: 4.30 PM – 5.30 PM
Venue: BD401

Sl No	Paper ID	Authors	Title
1	492	Dr. D Roja Ramani, Thanu V, Chandresh M	A College Chatbot Driven by Natural Language Processing Functions as An Intelligent Campus Companion
2	342	Dr.Julie J, Balaji VS, Amutha Yalini E	Optimizing Textual Data Categorization: An Evaluation of K-Means, Mean Shift, and Hierarchical Clustering Methods
3	555	Harsh Maheshwari	Efficient Dynamic Comparison-Based Dictionaries With Working-Set Property: A New Approach
4	319	Auxilia Michael, Indumathi Babu, Lavanya Balakrishnan, Shivanipriya Pridiviradje, Prithika Vimal	Linguify: An AI-Powered System for Real-Time Audio Translation Across Language
5	512	G Anitha, Pasumarti Vamsi Krishna, Sadam Mohamed Usman , Harshath v	Enhancing Argumentative Dialogue Systems with RoBERTa and BiLSTM for Opinion Building in Natural Language Understanding

Session: 16
Date: 21 February, 2025
Time: 4.30 PM – 5.30 PM
Venue: BD404

Sl No	Paper ID	Authors	Title
1	296	Dr. J Jabanjalin Hilda, Dr. S Vinila Jinny, P Meghana Srilekha, Vaishnavi Selvakasi	IOT Based Smart Weather Monitoring System
2	371	Shifa Fathima I, Kamalesh S, Mohammed Hussain A	Smart Onion Storage With Energy Harvesting Using IOT
3	12	Jeya Rathinam J, Dr. Rathna R	Advanced Privacy Preservation: A DHT- Pervaded Rumor Riding Protocol For Anonymous Communication
4	440	Advait Patel, Milavkumar Shah, Hariharan Ragothaman, Pravin Pandey	AI-Powered Data Encryption Techniques: Safeguarding Cloud Infrastructure
5	393	Afna RH, Dr Jarin T, Ninu Francis	Automated Prediction Of Brain Tumor Recurrence Using An Adaptive Snail Fish Based Inception V3