



# 3<sup>rd</sup> International Conference on Advances in Science, Engineering & Technology

22<sup>nd</sup> & 23<sup>rd</sup> March 2025 | Chennai, India

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## Keynote Speakers



**Prof. Dr. Subhas Chandra  
Mukhopadhyay**

Professor of Mechanical / Electronics  
Engineering  
Macquarie University,  
Australia.



**Assoc Prof. Dr. Nurnadiah Zamri**  
Senior Lecturer

Faculty of Informatics and Computing,  
University of Sultan Zainal Abidin,  
Terengganu, Malaysia.



**Dr. Prakash Subramaniam**  
Dean

Sathyabama Institute of Science &  
Technology  
Chennai, India.

## Keynote Speakers



**Pratik Jain**  
Engagement Manager  
Exponentia.ai  
India.



**Assoc Prof. Dr. Deepika Sharma**  
Research and Development Department,  
Chandigarh Group of Colleges CGC  
Landran Mohali,  
Punjab, India.



**Dr Lalitha Lakshmi**  
Assistant Professor,  
SSM College of Arts & Science,  
Dindigul , India.

## Keynote **Speakers**



**Dr Natarajan Sampathkumar**  
Principal  
SSM College of Arts & Science  
Dindugul Tamilnadu,  
India



**Dr.S.Ramesh**  
Assistant Professor (SS),  
Department of Mechatronics Engineering,  
Rajalakshmi Engineering College,  
Thandalam, Chennai



**Prof Dr. Vijayakumar P**  
Professor  
School of Electronic Engineering  
Vellore Institute of Technology,  
Chennai, India.

## Session **Speakers**



**Assoc Prof Dr. Tiruveedula Gopi Krishna**  
Adama Science and Technology University,  
Ethiopia.



**Dr. MADHURIMADASGUPTA,**  
HOD, DEPARTMENT OF GENDER  
STUDIES, ASHADI WISDOM CAMPUS,  
Sri Lanka  
&  
Post-doctoral fellow, Abo-Akademi  
University, Finland



**Prof. Dr. Tanuja Satish Dhope (Shendkar)**  
Department of Electronics and  
Communication Engineering,  
Bharati Vidyapeeth (Deemed to be  
University) College of Engineering,  
Pune, India.

## Session **Speakers**



**Prof. Dr Amit Kumar Marwah**  
Head of the Department of Mechanical  
Engineering  
Acropolis Institute of Technology and  
Research,  
Indore (MP), India.



**Assoc Prof. Dr. Ku Nurul Fazira Ku Azir**  
Faculty of Electronic Engineering &  
Technology  
Head Centre of Excellence for Advanced  
Computing  
Universiti Malaysia Perlis,  
Malaysia.



**Prof. Dr Karuppasamy Periyasamy**  
Department of Electronics &  
Communication Engineering  
Adithya Institute of Technology,  
Coimbatore, India.

## Session **Speakers**



**Mr. Hardik Ruparel**  
Nutanix | Founder- Stealth Project  
United States.



**Prof. Dr. Nagandra Kumar Sharma**  
Dean  
Faculty of Technology  
Chandra Shekher Azad University of  
Agriculture and Technology  
Campus-Etawah  
India.



**Assoc Prof Dr. Yaseein Soubhi Hussein**  
Department of Information Systems and  
Computer Science  
Ahmed Bin Mohammed Military College  
(ABMMC)  
Qatar.

## Session **Speakers**



**Dr Nithya Selvaraj**  
Assistant Professor,  
SSM College of Arts & Science,  
Dindigul , India.



**Assoc Prof. Dr. Narinder Kumar**  
Department of Mechanical Engineering,  
Chandigarh Engineering College Landran,  
Mohali  
Punjab, India.



**Dr Dhivya S**  
Assistant Professor,  
SSM College of Arts & Science,  
Dindigul , India.



## Session Chairs



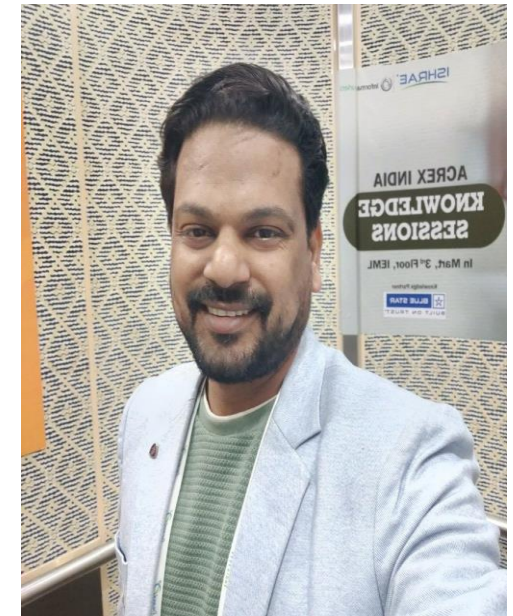
**Mrs. S. JAYACHITRA,**  
Associate Professor  
Department of Chemistry  
S.A. Engineering College  
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**Dr. C. Sharanya**  
Assistant Professor  
Department of Electronics and  
Communications Engineering  
Sathyabama Institute of Science and  
Technology, Chennai  
Tamil Nadu, India



**Engr Lourdes Lasian, PIE,**  
Assistant Professor,  
Adamson University,  
Philippines



**Mr. Vikash Mittal**  
Regional Channel Sales Manager  
Tridium, a Honeywell company  
Gurgaon.

## Session Chairs



**Ms. MONIKA NIJHAWAN**

Assit Professor  
Department of Data Analytics  
New delhi institute of  
management, new delhi  
India



**Dr. Tan Chun Fui**

Senior Lecturer  
FACULTY OF INFORMATION  
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(FIST)  
MBMR2004 , Multimedia  
University, Malaysia



**Prof. Sonal Gulati**

Faculty of Management  
NDIM India



**Dr. Erisa Kurniati,**

Lecture  
Department of Education  
Universitas Jambi  
Indonesia

## Session Chairs



**DR. POOJA M. BHATT**

Assistant Professor

Department of Computer Science  
Parul Institute of Engineering and  
Technology  
India



**Ms. Archana**

Educator at DPS Greater Noida

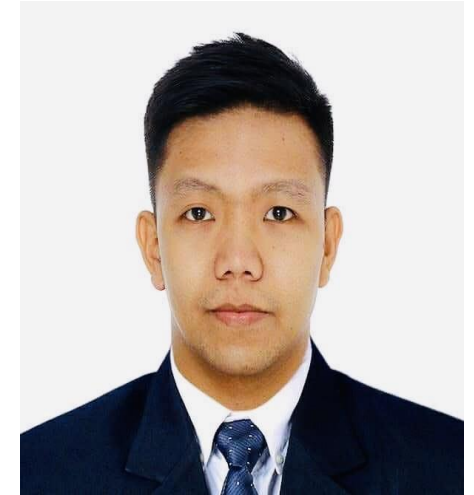


**Dr. Deenadayalan T**

Assistant Professor,

School of Computer Science  
Engineering and Information  
systems

Vellore Institute of Technology  
Vellore,  
India



**Engr. Jilbert M. Novelero, MEP-ECE,**

PECE, ECT, ITIL

Professional Electronics Engineer  
Owner, NoveLight Solar Services  
Camalig, Albay,  
Philippines

## Session Chairs



**Dr. Analiza Acuña Villacorte**  
Professor,  
Department of English  
Bulacan State University Bulacan,  
Philippines



**Dr. K. Sasikala**  
Associate Professor  
Department of Electrical and Electronics  
Engineering  
Vels Institute of Science,  
Technology & Advanced Studies,  
Chennai



**Dr. Tan Lay Hong**  
Senior Lecturer  
Universiti Teknikal Malaysia  
Melaka, Malaysia



**Dr Sandhya Kattayar**  
Lecturer,  
Engineering Technology and  
Sciences  
Higher Colleges of Technology  
Abu Dhabi, UAE

## Session Chairs



**Dr. Rohit Bansal**  
Adjunct Faculty  
Rockford College, Sydney  
Australia



**Dr. Priya Bhatnagar**  
Assistant Professor  
Department of Psychology  
Aryabhata College  
University of Delhi



**Dr. Amita Gandhi**  
HOD,  
Department of Computer Applications,  
Gateway Institute of Engineering and  
Technology, Delhi NCR, Sonipat

## Program Schedule Day 1 -Virtual (22/03/2025)

08:50 AM - 09:00 AM	Introduction by Moderator		
09:00 AM - 09:10 AM	Speech By Keynote Speaker <b>Dr.S.Ramesh</b>		
09:10 AM - 09:20 AM	Speech By Keynote Speaker <b>Prof Dr. Vijayakumar P</b>		
09:20 AM - 09:30 AM	Speech By Keynote Speaker <b>Dr. Prakash Subramaniam</b>		
09:30 AM - 09:40 AM	Speech By Keynote Speaker <b>Prof. Dr. Subhas Chandra Mukhopadhyay</b>		
09:40 AM - 09:50 AM	Speech By Keynote Speaker <b>Assoc Prof . Dr. Nurnadiah Zamri</b>		
09:50 AM - 10:00 AM	Speech By Session Speaker <b>Assoc Prof Dr. Tiruveedula Gopi Krishna</b> (Zoom Main Room)	Speech By Session Speaker <b>Prof. Dr.Tanuja Satish Dhope (Shendkar)</b> (Zoom Parallel Room 1)	Speech By Session Speaker <b>Assoc Prof. Dr. Ku Nurul Fazira Ku Azir</b> (Zoom Parallel Room 2)
	Technical Session 1A (Zoom Main Room)	Technical Session 1B (Zoom Parallel Room 1)	Technical Session 1C (Zoom Parallel Room 2)
10:00 AM - 12:30 PM	Networking Break		
12:30 PM - 12:45 PM	Speech By Session Speaker <b>Asst Prof Dr. Madhurima Dasgupta</b> (Zoom Main Room)	Speech By Session Speaker <b>Prof. Dr Amit Kumar Marwah</b> (Zoom Parallel Room 1)	Speech By Session Speaker <b>Prof. Dr Karuppasamy Periyasamy</b> (Zoom Parallel Room 2)
	Technical Session 2A (Zoom Main Room)	Technical Session 2B (Zoom Parallel Room 1)	Technical Session 2C (Zoom Parallel Room 2)
12:45 PM - 12:55 PM	Valedictory Function		
12:55 PM – 03:00 PM	Vote of Thanks		
03:00 PM – 03:05 PM			
03:05 PM – 03:10 PM			

**Day-1**  
**Technical Session 1A**  
**Main Room**

Time Slot	Paper Title	Author Name
10:00 AM - 10:05 AM	Small Object Detection in Autonomous Vehicles: Evaluating YOLOv10 with a Custom Dataset Against YOLOv8	Archana chintapatla
10:05 AM - 10:10 AM	Rice Leaf Classification Using CNN and GRU	Ansik Aryan Samal
10:10 AM - 10:15 AM	Impact of Effective Digital Marketing Capabilities on the Firm's Performance: An Empirical Study	Preeti Dahiya
10:15 AM - 10:20 AM	Battery Management System (BMS) for charging and Discharging	Prashant Takale
10:20 AM - 10:25 AM	Precision-Driven Real-Time Pose Estimation for Therapeutic Interventions: Advanced Heatmap Regression, Reference Video Alignment, and Real-Time Corrective Feedback	Sarvesh Kumar
10:25 AM - 10:30 AM	ECG Monitoring System and Linking it to Cloud	Pratik Yadav
10:30 AM - 10:35 AM	Impact of Lok Sabha elections on Equity Market using Sentiment Analysis	Sakshi Rammohan
10:35 AM - 10:40 AM	Smart Parking Management: Integrating RFID, Mobile Application, Real-Time Database, and UPI Payments	Chetan Jain
10:40 AM - 10:45 AM	Beyond Traditional Concrete: The Rise of Bio-Concrete	ALEFIYA IDRIS KACHWALA
10:45 AM - 10:50 AM	Auxiliary Agricultural Decision Assistance for Monitoring and Recommending Crops	Anushree Bandu Joshi
10:50 AM - 10:55 AM	Clinical Impact and Workflow Integration of Artificial Intelligence for Breast Cancer Detection and Diagnosis: A Scoping Review	Gurjeet Kaur
10:55 AM - 11:00 AM	Engage and Excel How Emotional intelligence and Personality Drive Active learning success	Gurulakshmi S
11:00 AM - 11:05 AM	Effect of Inertial Sensor Technology through X-Sens for explicit Real-time Feedback in Rehabilitation of Adhesive Capsulitis: A Pilot Randomised Controlled Trial	Urvini Lokhande
11:05 AM - 11:10 AM	Effects Of Foot Rehabilitation Exercises using X Sens Inertial Sensor Technology on School Going Children with Pes Planus- A Pilot Randomized Controlled Trial	Pradhyum Kolhe
11:10 AM - 11:15 AM	AI-Powered Urban Mobility: Reducing Congestion and Enhancing Efficiency in Smart Cities	GOPI KRISHNA KV



Time Slot	Paper Title	Author Name
11:15 AM - 11:20 AM	Sound Monitoring And Limiting System	Amogh Deshpande
11:20 AM - 11:25 AM	A Comprehensive Review of the Future of Medical Learning with Artificial Intelligence	Siddhi Rathi
11:25 AM - 11:30 AM	Walking Into the Future A Two Decade Review of Gait Analysis Innovations	Dr. Sharath Hullumani
11:30 AM - 11:35 AM	IN-SILICO ANALYSIS FOR ACTION OF PROBIOTICS ON POTENTIAL PREBIOTICS	Dhriti Mallika Satyanarayana
11:35 AM - 11:40 AM	Phantom level evaluation of optical properties of human forearm skin in the wavelength range of 400 nm to 2500 nm	Pradipta Samanta
11:40 AM - 11:45 AM	Bridging Visuals and Words by Automating Image Captioning and Translation	Padmavati E Gundgurti
11:45 AM - 11:50 AM	A computational and experimental evaluation of advanced composites ballistic performance	S. Joseph Dominic Vijayakumar
11:50 AM - 11:55 AM	Breaking Boundaries: Challenging Stereotypes Across Age, Gender, and Disabilities	VISHAL SHARMA
11:55 AM - 12:00 PM	Ensemble Learning Model for Employee Attrition Rate Prediction and Retention Strategy Optimization	Arunprasath D
12:00 PM - 12:05 PM	Study of Tagset for Natural Languages with Special Reference to Marathi Language	SWATI PRAKASH SONAWANE
12:05 PM - 12:10 PM	Hate speech detection using machine learning during general election in India	Bhumika Patel
12:10 PM - 12:15 PM	Data-Driven Approach for Kidney Disease Prediction	Kavita Patil
12:15 PM - 12:20 PM	Cropping Pattern Planning Based On Bonik Weir Mainstay Discharge In Batuplat Irrigation	Fransiskus Leonardus Molan Korohama
12:20 PM - 12:25 PM	A Unified Machine Learning Framework for Crop Prediction, Soil Analytics, and Fertilizer Recommendations system	SivaKumar R
12:25 PM - 12:30 PM	Predictive Model for Estimation of Index Properties of Expansive Soil Stabilized with Ideal Amount of Fly Ash with Changing Ratios of Lime	Madhukar Sul

## Day-1 Technical Session 1B Parallel Room-1

Time Slot	Paper Title	Author Name
10:00 AM - 10:05 AM	FAKE NEWS DETECTION USING MACHINE LEARNING	Sayan Adhikary
10:05 AM - 10:10 AM	AI-Powered Intrusion Detection System for Malware: A Hybrid Approach to Detecting Spyware, Ransomware, and Trojans	Shesha Venkat Gopal K
10:10 AM - 10:15 AM	A Proposed MalwareInsight Framework for Evaluating Machine Learning Techniques Using Hypothetical and Real Datasets for Malware Detection in Cyber security	Saloni S. Chauhan
10:15 AM - 10:20 AM	Comparative Analysis of Illumination and Energy Consumption in Industrial Workspace	Ranjana Ubale
10:20 AM - 10:25 AM	Enhanced Vein Pattern Recognition through Hyper-Attention Federated Learning and Transformer-Wavelet Networks.	Manisha Arun Gawande
10:25 AM - 10:30 AM	Comprehensive Evaluation of PEM water electrolysis for Green Hydrogen Generation: A Review	BHAVINKUMAR SOLANKI
10:30 AM - 10:35 AM	Unified Workforce E Platform	Joel Staines J M
10:35 AM - 10:40 AM	Z Source Inverter with SBC Technique using STM32 Microcontroller	Jyothi
10:40 AM - 10:45 AM	Biomechanical evaluation of work postures from laboratory to field in oral health care (OHC) professionals and OHC students –A systematic review	Victoria Kuttan
10:45 AM - 10:50 AM	Adjusting Parameters of One-Sided Control Chart-Based Support Vector Machines Using Genetic Algorithm and Particle Swarm Optimization	Le Thi Huynh Anh
10:50 AM - 10:55 AM	A Comparative Study of Natural Language Integrated Encryption Mechanisms	Sumaja Sasidharan
10:55 AM - 11:00 AM	A study of different clustering techniques in brain MRI	Pooja Singh
11:00 AM - 11:05 AM	Smart Voice Assistants for Mental Health: Integrating Emotional Detection and Generative AI	Visnu Dharsini
11:05 AM - 11:10 AM	Depiction and Progression of Coherent Cost Saving Algorithms for Purchase Patterns in Business Scenario	Dr. Hasan Hussian Shahul Hameed
11:10 AM - 11:15 AM	Regenerative Testbench for EV motors using front-end rectifier with voltage magnitude and angle control	Ujwal N K

Time Slot	Paper Title	Author Name
11:15 AM - 11:20 AM	Womens Safety Platform using Machine Learning	Rohith Naidu Gullipalli
11:20 AM - 11:25 AM	Quercetin and Rosmarinus officinalis loaded film forming dermal gel (Q-Ro dermal gel) repairs diabetic wounds in rats	Rupinder K Sodhia
11:25 AM - 11:30 AM	Clinical and Nanotechnological Advances in the Treatment of Pityriasis Versicolor: A Comprehensive Review	Dr Sandhya Jaiswal
11:30 AM - 11:35 AM	Automated Identification of EEG and EOG Signals using Signal Processing and Machine Learning Techniques	B VISHNU
11:35 AM - 11:40 AM	Smart Ticketing and Real-Time Bus Tracking System	Mohamed Jalaluddin
11:40 AM - 11:45 AM	Optimizing Stroke Risk Prediction with Machine Learning and Advanced Sampling Techniques.	Sujitha R
11:45 AM - 11:50 AM	Sentiment Analysis and Call Reason Identification in Sales Transcripts Using Large Language Models.	Vanama Vasanth
11:50 AM - 11:55 AM	AI Integrated Holistic Resume Analysis	Mutyala Uday Kiran
11:55 AM - 12:00 PM	Object Detection And Tracking In Surveillance Videos To Assist In Security Monitoring And Threat Detection	Sagiraju venkata kishore varma
12:00 PM - 12:05 PM	Leveraging AI for Sustainable Health: Tuberculosis Detection Using CNNs	HELANMARY M SUNNY
12:05 PM - 12:10 PM	Swimming Like Nature: A Soft Robotics Approach to Manta Ray-Inspired Propulsion	Chinmayee khompi
12:10 PM - 12:15 PM	Comparative Analysis of Illumination and Energy Consumption in Industrial Workspace	Ranjana Shirikant Ubale
12:15 PM - 12:20 PM	EMOTION AND GESTURE RECOGNITION USING MACHINE LEARNING	Chiluvuri Vamsi Krishnamraju
12:20 PM - 12:25 PM	Performance Analysis of Quantum Arithmetic Circuits on IBM Eagle Quantum Processor	Sumitra Singh
12:25 PM - 12:30 PM	Software Defect Prediction Using ML Algorithms	PRABHAV PANDEY

## Day-1 Technical Session 1C Parallel Room-2

Time Slot	Paper Title	Author Name
10:00 AM - 10:05 AM	A Review of Vision-Based Approaches for Indian Sign Language Recognition	Mansi Bhatt
10:05 AM - 10:10 AM	Deep Learning in Graphical User Interfaces: Current Advances and Research Horizons	Anubhav Yadav
10:10 AM - 10:15 AM	Cloud Computing as a Catalyst for Innovation in the Public Sector	Pratik Jain
10:15 AM - 10:20 AM	FedLearn Nipah Virus Prediction	Sowmiya Ramakrishnan
10:20 AM - 10:25 AM	Cultivating the Future: The Role of AI in Transforming Agriculture	Anushree g
10:25 AM - 10:30 AM	High-Stability Position Sensor-less Control Method for Brushless DC Motors at Low Speed	Dr R Sumathi
10:30 AM - 10:35 AM	Sustainable circular supply chains for electric vehicle batteries: A structured approach using Analytical Hierarchy Process	Aishwarya VM
10:35 AM - 10:40 AM	Automated Insect Monitoring And Identification System For Sustainable Agriculture	NANDANA SETHU
10:40 AM - 10:45 AM	Empath: AI Mental Health Chatbot	Swetha V
10:45 AM - 10:50 AM	Smart Timeline Reminders from Gmail and Whatsapp Using LSTM	Nunganuri Shiva Kumar
10:50 AM - 10:55 AM	Energy Management On HVAC Systems Using Occupancy Detection	Bharathkumar V
10:55 AM - 11:00 AM	Optimized Hybrid Recommendation System Integrating Collaborative and Content-Based Filtering Techniques for Enhanced User Experience	Prajjwal singh
11:00 AM - 11:05 AM	Evaluating Machine Translation Models: A Comparative Analysis of Quality and Performance for Kannada-Hindi and Hindi-Kannada Language Pair	Yathish Poojary
11:05 AM - 11:10 AM	Behavior-Driven Authentication: Enhancing System Security Through User Behavior Analysis	Jayakumar J
11:10 AM - 11:15 AM	Study of Electrical Discharge Activities in High-Voltage Air-Insulated Switchgear	Sahib Ibrahimkhalilov

Time Slot	Paper Title	Author Name
11:15 AM - 11:20 AM	Physics Informed and Explainable Machine Learning for Airfoil Noise Prediction	Gaayatri Pradeep
11:20 AM - 11:25 AM	Real-Time Luggage Detection and Arrival Prediction on Conveyor Belts Using YOLO and Feature Matching	Aarsha Ajith
11:25 AM - 11:30 AM	AUTOMATED MANGO PLANT HEALTH AND DISEASE ANALYSIS VIA UAV AND OPTIMIZED YOLOv5 ALGORITHM USING SGD AND MULTISPECTRAL IMAGING	R P KARTHIK
11:30 AM - 11:35 AM	Enhanced Security and Efficiency in Cloud File Transfer via Dual Encryption with AES and RSA	Injarapu Venkata Sai
11:35 AM - 11:40 AM	TOMATO PLANT DISEASE DETECTION USING YOLO V9 MODEL	P RAHUL DAS
11:40 AM - 11:45 AM	Using CT/MRI data, powerful deep learning models are developed for the classification of multiple cancer kinds	Pranathi Nanduri
11:45 AM - 11:50 AM	Enhancing EEG-based Psychological Disorder Classification through Deep Learning	Rashmi jain
11:50 AM - 11:55 AM	Irrigation Scheduling and Estimation of Crop Water Requirement using CROPWAT 8.0	Mr Inayatali L Shah
11:55 AM - 12:00 PM	Exploring the Potential of Mixed Reality for Enhancing the Mechatronic System Design Process	Vikram Shrikant Vyawahare
12:00 PM - 12:05 PM	Effect of mixing intensity, mode, and direction on biomethane production in batch thermophilic anaerobic digestion of tomato waste	Irfan Ullah
12:05 PM - 12:10 PM	Use of Waste Plastic for Soil Stabilization: An Evaluation Report	Bhagyashree P Chelani
12:10 PM - 12:15 PM	Creative Utilization of Leftover Ingredients Using AI-Driven Recipe Recommendations: A Sustainable Approach to Reducing Food Waste	Paul Abhishek
12:15 PM - 12:20 PM	Revolutionalising lung disease diagnosis using machine learning	POGULA VINAY KUMAR REDDY
12:20 PM - 12:25 PM	Exploring the untapped antidiabetic potential of M. longifolia flower	Sameeksha Shukla
12:25 PM - 12:30 PM	Flexural Performance of Encased Steel-Concrete Composite Beams: Experimental Study	Najir Badashah Nadaf

## Day-1 Technical Session 2A Main Room



Time Slot	Paper Title	Author Name
12:55 PM - 01:00 PM	Comprehensive Financial Fraud Detection: A Dual-Module Approach for Credit Card and Money Laundering Detection	Santhosh M
01:00 PM - 01:05 PM	A SECURE LEDGER FOR PROPERTY REGISRTY	Snehal Bahalkar
01:05 PM - 01:10 PM	A Blockchain-Powered Solution Enabling Fast Cross-Border Payments and Streamlined Loyalty Programs.	Deep Poharkar
01:10 PM - 01:15 PM	Analyzing the Issues of Thyroid Disease Diagnosis Using Machine Learning and Deep Learning: A Review	Kalpana K Harish
01:15 PM - 01:20 PM	Customer Chatbot with Machine Learning	Dr. Nihar Ranjan Naik
01:20 PM - 01:25 PM	Agri Doctor: Intelligent Crop Disease Detection for Sustainable Farming	Chandrashekhar S
01:25 PM - 01:30 PM	AI-Driven Cybersecurity and Surveillance Framework for Educational Institutions: A Proactive, Scalable Solution	Chandrashekhar S
01:30 PM - 01:35 PM	AGROTRACK, One App for All Your Farming Needs	Shreyanka B L
01:35 PM - 01:40 PM	A NOVEL TAKAGI-SUGENO-KANG FUZZY CONVOLUTIONAL NETWORK FOR IMAGE CLASSIFICATION WITH IMBALANCED DATASETS IN REMOTE SENSING APPLICATIONS	Kirthiga alias Sridevi E
01:40 PM - 01:45 PM	Healthcare Effective Diabetes Disease Prediction using Supervised Machine Learning	POOJA BARDE
01:45 PM - 01:50 PM	NIDS for Real Time Protocol Analysis , DFI, DPI, Deep Content Inspection - MITM Attack Mitigation	Krishna Geetha P
01:50 PM - 01:55 PM	SMART AMBULANCE DISPATCHER SYSTEM USING REAL-TIME GPS TRACKING	Shahul hameed, Fatimathul Shahana
01:55 PM - 02:00 PM	Advanced AI Therapy System with Emotion Recognition and Recommendation Engine	Yadhunandhan.R , R.Manisha

Time Slot	Paper Title	Author Name
02:00 PM - 02:05 PM	Machine Learning Approach to Prediction of Dengue Fever and Preventing the Outbreaks	Yuvaraja V R
02:05 PM - 02:10 PM	AlertWave: “Enhancing MSME Compliance with Automated License Renewal Alerts.”	Aditya Raj
02:10 PM - 02:15 PM	Innovating Crop Yield Prediction through Quantum Variational Eignsolver	Omprakash Mandge
02:15 PM - 02:20 PM	A Systematic Literature Review on: A study on the application of artificial intelligence (AI) in banking	Ruby
02:20 PM - 02:25 PM	Relative Attractiveness Index of World Markets	U Dhanalakshmi
02:25 PM - 02:30 PM	Machine Learning and Deep Learning Paradigms in Sign Language Recognition for the Hearing Impaired: A Comprehensive Review	Rupali H Shende
02:30 PM - 02:35 PM	VoiceBridge - Personalized AAC Solutions	Abirami S
02:35 PM - 02:40 PM	Abstractive Multi-Document Summarization based on Semantic Link Network	Vinayak Katti
02:40 PM - 02:45 PM	A Multidimensional Blueprint for Shifting from Linear Systems to Sustainable Circular Economies in Emerging Economies	Dr Shanu Singh
02:45 PM - 02:50 PM	RAG-powered Question Answering for Complex Information Needs	Prabhat Kumar
02:50 PM - 02:55 PM	Performance analysis of Machine Learning Algorithms for classification of stress using PSS-10 scale among university postgraduate students.	PAVITRA GAUTAM
02:55 PM - 03:00 PM	DIGITAL GUARDIAN: EMPOWERING PARENTS IN THE DIGITAL WORLD	Abhishek Kumar

## Day-1

### Technical Session 2B

### Parallel Room-1

Time Slot	Paper Title	Author Name
12:55 PM - 01:00 PM	Investigating the Effects of Carrageenan Treatment on the Properties of Subgrade Soil	Asha Susan Abraham
01:00 PM - 01:05 PM	ANDROID TROJAN IDENTIFICATION USING ML TECHNIQUES	BAKKU LOKESH
01:05 PM - 01:10 PM	Sentiment Analysis and Call Reason Identification in Sales Transcripts Using Large Language Models	Vanama Vasanth
01:10 PM - 01:15 PM	A Novel Convolutional Neural Network Framework for Multi-Grade Classification and Early Detection of Diabetic Foot Ulcers	Afsana Zeba Yasmin
01:15 PM - 01:20 PM	Skin Cancer Classification with CGAN-based Data Augmentation	kiruba Jayashree P
01:20 PM - 01:25 PM	Autism Spectrum Disorder Detection And Monitoring Using ConvLstm Networks	Ashwinlingesh S R
01:25 PM - 01:30 PM	Exploring Diethanolamine (DEA) as Potential Liquid Organic Hydrogen Carrier (LOHC) Using Various Alkali Metal Hydroxides: Thermodynamic and Kinetics Study of the Best Performing Base	Usman Lado Ali
01:30 PM - 01:35 PM	Voice Cloning Based on Deep Fake	PATTHIPAATI CHANDANA
01:35 PM - 01:40 PM	Augmenting Mathematical Reasoning Capabilities of AI Models: Chain of Thought	Amritava Kole
01:40 PM - 01:45 PM	DEEP LEARNING BASED IMAGE FORENSICS FOR TAMPERING DETECTION TECHNIQUES	Venkiteela Nihar Sai
01:45 PM - 01:50 PM	Adaptive Diet Plan Generator For Individual User Profiles	Mohamed Hashim U
01:50 PM - 01:55 PM	Disaster Management Using Generative AI	Akash Subhransh
01:55 PM - 02:00 PM	Exploring Text Recognition: An Analysis of Various Algorithms	Aparna Tiwari

Time Slot	Paper Title	Author Name
02:00 PM - 02:05 PM	AI and GIS-Driven Intelligent Crowd Management System for the 2027 Godavari Kumbh Mela.	Dr. Valli Madhavi Koti
02:05 PM - 02:10 PM	A Review Of Spatial Techniques For Analyzing LULC, Urban Expansion, And Waste Management In Using GIS	Madhuri Reddy
02:10 PM - 02:15 PM	ANALYSIS AND IDENTIFICATION OF SOIL FERTILITY USING MACHINE LEARNING AND BACK-PROPAGATION	Saripudi Mavya
02:15 PM - 02:20 PM	RAG-Powered Personal Chatbot: Balancing Privacy and Computational Efficiency in LLM-Based Systems	Kabil C A
02:20 PM - 02:25 PM	Predicting Crime with Deep Learning Techniques Using Image and Video Data	Sumeet Kothari
02:25 PM - 02:30 PM	LEVERAGING DEEP LEARNING FOR LIVER DISEASE PREDICTION: TABNET vs XGBOOST	Saktheeswar K
02:30 PM - 02:35 PM	Coarse-to-Fine Methodology for accurate Camouflaged Object Detection	Adireddi Vidya Sarika
02:35 PM - 02:40 PM	Smart Safety Helmet for Mining Workers Using IoT and AI	Ruchitha R
02:40 PM - 02:45 PM	A Comparative Review of Question Answering Systems in Tamil Language	:Jeevit Davidson S
02:45 PM - 02:50 PM	Unraveling Senescence in Cancer: Mechanistic Complexities and Therapeutic Opportunities	Prajakta Tiwari
02:50 PM - 02:55 PM	An Analysis of Energy-Efficient Clustering Protocols in Internet of Things Architecture	Monisha Gupta
02:55 PM - 03:00 PM	Performance investigation of deep learning architecture for plant leaves disease detection	Shiv om jaiswal

## Day-1 Technical Session 2C Parallel Room - 2

Time Slot	Paper Title	Author Name
12:55 PM - 01:00 PM	AI for Indian Agriculture: Deep Learning for Crop Disease Detection	Ayushi Pasrija
01:00 PM - 01:05 PM	A Thorough Analysis of the Effects of 5G Technology and its Utilization in Healthcare	Sushila K Navi
01:05 PM - 01:10 PM	Big Mart Sales Prediction Using Federated Learning	Apeksha C
01:10 PM - 01:15 PM	AI-Driven Secure Network Analysis: Anomaly Detection in Encrypted Communications	Sourabh Sahu
01:15 PM - 01:20 PM	Hybrid Fuzzy Pattern Classifier and ARAS for Evaluating Type 2 Diabetes Medications: A Computer-Aided Decision-Making Approach	Surya Rao Rayarao
01:20 PM - 01:25 PM	Blockchain Enabled Government Fund Management System	Y Revanth
01:25 PM - 01:30 PM	Convergence of Blockchain and Distributed File Systems: An Examination of Integration, Challenges, and Future Directions	Singireddy Vikram
01:30 PM - 01:35 PM	AGRICULTURE CROP IMAGE CLASSIFICATION	K Laxmi Sandeep
01:35 PM - 01:40 PM	Optimizing Disaster Management with Blockchain Technology: A Decision Support System for Disaster Risk Reduction and Management	Shyra Mae E Igo
01:40 PM - 01:45 PM	Intelligent Fault Diagnosis System for IoT Devices Using Machine Learning	Ms.M.Harshanya
01:45 PM - 01:50 PM	VulnGuardian An Advanced Analyzer for OWASP Top 10 Risks.	Hardik S Shah
01:50 PM - 01:55 PM	Task Facial Analysis Using Wide Deep CNN Models	Dr.Geethanjali
01:55 PM - 02:00 PM	DualNet-DRL: A Hybrid Deep Reinforcement Learning Framework with LSTM for Automated Stock Trading and Price Prediction	Srinivas K M

Time Slot	Paper Title	Author Name
02:00 PM - 02:05 PM	Classifying and Detecting Abnormal Cow Behavior Using Accelerometry and Heart Rate Data with Real-Time Alerts	Prasana S
02:05 PM - 02:10 PM	Machine learning based material characterization of natural fiber epoxy composite	Ayman Hawaldar
02:10 PM - 02:15 PM	ML MODEL FOR POCOS DETECTION AND PERSONALIZED LIFESTYLE RECOMMENDATION SYSTEM	Valarmathi E
02:15 PM - 02:20 PM	VocalCare: A Sophisticated Voice-Guided Healthcare Partner for Symptom Assessment and Medical Guidance	Dr. Puspita Dash
02:20 PM - 02:25 PM	AN INNOVATIVE STEGANOGRAPHY APPROACH FOR DATA HIDING IN DIGITAL IMAGES	VISHNU V
02:25 PM - 02:30 PM	Integration of Traditional Balinese Architecture in Sustainable Bamboo Design: Achieving Harmony between Culture and Environment	I Wayan Wirya Sastrawan
02:30 PM - 02:35 PM	NutriBot: AI-Enhanced Food Delivery with Personalized Health Recommendation	Jayabaaskar B
02:35 PM - 02:40 PM	Smart and Sustainable Infrastructure Planning: A Balinese Approach to Harmonizing Development and Environmental Resilience	Tjokorda Istri Praganingrum
02:40 PM - 02:45 PM	A Hybrid Multi-Factor Authentication System for Enhanced Digital Security	Vishnu US
02:45 PM - 02:50 PM	CAN Based ECU for E Mobility Body Control	Sivaranjani S
02:50 PM - 02:55 PM	Blockchain in Governance : Improving Public Sector	Harsh Kumar Singh
02:55 PM - 03:00 PM	Automated detection of cervical cancer using DCL with histopathological images	N Jeyshanthi



## Program Schedule Day 2-Vitruial (23/03/2025)

08:50 AM - 09:00 AM	Introduction by Moderator		
09:00 AM - 09:10 AM	Speech By Keynote Speaker <b>Pratik Jain</b>		
09:10 AM - 09:20 AM	Speech By Keynote Speaker <b>Assoc Prof. Dr. Deepika Sharma</b>		
09:20 AM - 09:30 AM	Speech By Keynote Speaker <b>Dr Lalitha Lakshmi</b>		
09:30 AM - 09:40 AM	Speech By Keynote Speaker <b>Dr Natarajan Sampathkumar Principal</b>		
09:40 AM - 09:50 AM	Speech By Session Speaker <b>Mr. Hardik Ruparel</b> (Zoom Main Room)	Speech By Session Speaker <b>Assoc Prof Dr. Yaseein Soubhi Hussein</b> (Zoom Parallel Room 1)	Speech By Session Speaker <b>Assoc Prof. Dr. Narinder Kumar</b> (Zoom Parallel Room 2)
09:50 AM - 12:20 PM	Technical Session 1A (Zoom Main Room)	Technical Session 1B (Zoom Parallel Room 1)	Technical Session 1C (Zoom Parallel Room 2)
12:20 PM - 12:35 PM	Networking Break		
12:35 PM - 12:45 PM	Speech By Session Speaker <b>Prof. Dr. Nagandra Kumar Sharma</b> (Zoom Main Room)	Speech By Session Speaker <b>Dr Nithya Selvaraj</b> (Zoom Parallel Room 1)	Speech By Session Speaker <b>Dr Dhivya S</b> (Zoom Parallel Room 2)
12:45 PM - 03:15 PM	Technical Session 2A (Zoom Main Room)	Technical Session 2B (Zoom Parallel Room 1)	Technical Session 2C (Zoom Parallel Room 2)
03:15 PM - 03:25 PM	Networking Break		
03:25 PM – 05:05 PM	Technical Session 3A (Zoom Main Room)	Technical Session 3B (Zoom Parallel Room 1)	Technical Session 3C (Zoom Parallel Room 2)
05:05 PM – 05:10 PM	Valedictory Function		
05:10 PM – 05:15 PM	Vote of Thanks		

**Day-2**  
**Technical Session 1A**  
**Main Room**

Time Slot	Paper Title	Author Name
09:50 AM - 09:55 AM	Hand Gesture recognition and Classification using Deep Nueral Networks	Ms R Rajeswari
09:55 AM - 10:00 AM	INDEPENDENT IMAGE-BASED REVERSIBLE DATA EMBEDDING WITH DISTINCT COVER AND SECRET RETRIEVAL	VIVEKANANDHAN S
10:00 AM - 10:05 AM	Circular Economy and Zero Waste Technologies in Hospitality Infrastructure: Balinese Approach to Sustainable Development	I Wayan Yogik Adnyana Putra
10:05 AM - 10:10 AM	Enhanced Real-Time Detection of Cyber Threats through Adaptive Machine Learning in Network Traffic Analysis	Ms C Meenaloshini
10:10 AM - 10:15 AM	Adaptive filtering-based noise reduction for enhanced human action recognition using deep learning	N SUJATA GUPTA
10:15 AM - 10:20 AM	Virtual Trial Room	ANEESHA KOLLI
10:20 AM - 10:25 AM	Semantics of Data Mining Services in Cloud Computing	Gutlapalli Gnanadeep
10:25 AM - 10:30 AM	E-Commerce Platform With Personalized Recommendations and Dynamic Pricing.	Marri Rajasekhar
10:30 AM - 10:35 AM	Blockchain based self-sovereign identity management for managing academic credentials	Aswathy L
10:35 AM - 10:40 AM	Colour and Texture in Vernacular Courtyards: Enhancing Emotional Well-being and Sustainable Infrastructure in Thiruvarur, India.	KOMAGAL ANUPAMA K
10:40 AM - 10:45 AM	Automatic Detection and Quantification of Carotid Artherosclerosis in MRI Images	Karunya K
10:45 AM - 10:50 AM	Data-Driven Crime Prediction and Categorization Using Machine Learning	Avula Rajkumar
10:50 AM - 10:55 AM	Fast Track Sustainable Design: Integrating Local Wisdom and Green Building Technology for Hospitality Development in Bali	I Wayan Widanan
10:55 AM - 11:00 AM	Gated Recurrent Unit with Sequential Neural Network on Electrocardiogram (ECG) Signals for Cardiac Arrhythmia Prediction	Kapil Pal
11:00 AM - 11:05 AM	ENHANCING RHEUMATIC CARDITIS DETECTION THROUGH AN OPTIMIZED SCREENING MODEL	Dr. PUSPITA DASH

Time Slot	Paper Title	Author Name
11:05 AM - 11:10 AM	Dynamic Behavior of Transmission Towers Under Wind Loads: Analyzing Wind-Induced Vibrations and Fatigue	Arhant Tewari
11:10 AM - 11:15 AM	Utilization Of Image Captioning To Assist Visually Impaired People	Vimal R
11:15 AM - 11:20 AM	Detection and Classification of Bharatanatyam Mudras using YoloV5 Algorithm	Abhinava Karanth
11:20 AM - 11:25 AM	Evaluation of resistance and susceptibility of different maize cultivars for sustainable management of maize weevil, Sitophilus zeamais	Sheetal Sharma
11:25 AM - 11:30 AM	Deep Learning Models for Brain Tumor Detection: A Comparative Analysis of EfficientNetB3, InceptionV3, and Customized CNN	Naveen N
11:30 AM - 11:35 AM	BLDC Motor Control for Drone Application Using Stm32f407 Microcontroller	Ashwin Krishnakumar
11:35 AM - 11:40 AM	Noise Reduction in Battlefield based Noise Scenarios A hybrid RNN and GAN approach	Divya Walia
11:40 AM - 11:45 AM	Keyword spotting on Edge Devices	Dr.P.R.S.S.V.Raju
11:45 AM - 11:50 AM	Forecasting Dermatologically Conditions With KNN & Naive Bayes	Polu Deepak Reddy
11:50 AM - 11:55 AM	INFOG An Integrated Cyber Reconnaissance and Security Tool	Jaykumar H. Parmar
11:55 AM - 12:00 PM	Optimizing Real-Time Dashcam Video Streaming for Mobile Applications Using AI and Edge Computing	Nambu kalpana
12:00 PM - 12:05 PM	Wireless Sensor Networks in Road Safety: Potential and Pitfalls	Manjot Kaur
12:05 PM - 12:10 PM	Sustainable Agriculture Using Artificial Intelligence: Review On Applications and Challenges	Glevin Roche
12:10 PM - 12:15 PM	Sentiment Analysis of Online Customer Review for Multiple products Using Machine Learning	Ashish K Pastay
12:15 PM - 12:20 PM	Revolutionizing Bone Cancer Detection Real-Time Medical Imaging Analysis Using YOLOv8 for Enhanced Diagnostic Accuracy and Speed	NagamaheshwaraReddy Kovvuri

**Day-2**  
**Technical Session 1B**  
**Parallel Room-1**

Time Slot	Paper Title	Author Name
09:50 AM - 09:55 AM	Solar Light-Driven Photocatalytic Degradation of Organic Pollutants via Activation of Persulfate Using Mesoporous FeNbO <sub>4</sub>	Neha Gupta
09:55 AM - 10:00 AM	Automated malware analysis using sandbox environment	UDAYGOPI
10:00 AM - 10:05 AM	EVALUATING CLOUD COMPUTING CHALLENGES AND THREATS TO MITIGATE DATA BREACHES	RAYUDU Nikhil Johnson
10:05 AM - 10:10 AM	Secure Online Fund Transfer using Advanced Encryption Standard and Multi Factor Authentication	Sagrika Sharma
10:10 AM - 10:15 AM	An Ultra Wideband Microstrip Bandpass Filter designed for RF Applications	Rashmita Kumari Panigrahy
10:15 AM - 10:20 AM	Evaluation of Inception and Xception for Brain MRI-Based Neurological Disorder Diagnosis	Ravindra Sugdeo Sonavane
10:20 AM - 10:25 AM	Plant Disease Detection	Vivek Vijayakumar
10:25 AM - 10:30 AM	Eco-Friendly Tourism Tracker	Ananya Singh
10:30 AM - 10:35 AM	Development Of Sustainable Pervious Concrete Using Adhesive Cement and Foam Agent.	SHAHABAZ KHAN HANIF KHAN PATHAN
10:35 AM - 10:40 AM	AI powered culinary dish recognition and recipe platform enhanced dish identification	V G Tharun Kumar Reddy
10:40 AM - 10:45 AM	Design optimization for a blast-resistant railway bridge in India	Vishwanatham Marella
10:45 AM - 10:50 AM	A Review on Nanorobots: Revolutionizing Medicine from the Inside Out	SATHVIK S
10:50 AM - 10:55 AM	SELF LEVELLING PLATFORM	Adithyan KK Albin K Varkey Navaneeth Vinay Reeba C Manoj
10:55 AM - 11:00 AM	Decentralized Crowdfunding Using NFTs and Blockchain to Enhance Security and Trust	Shibin M S
11:00 AM - 11:05 AM	Investigation on Anticipation of Health care premiums using machine learning models	saihareesh

Time Slot	Paper Title	Author Name
11:05 AM - 11:10 AM	Cognitive Farming An AI powered smart farm management system	Sundar Sankar
11:10 AM - 11:15 AM	A Comprehensive Analysis of Advancing Weather Forecasting through Machine Learning	saihareesh
11:15 AM - 11:20 AM	Emotion Detection using eeg and gsr and facial images	Nandhini B
11:20 AM - 11:25 AM	Fractional-N Ring PLL with Harmonic-Mixer-Based Dual and Split Feedback for Phase-Domain Filtering	M NANDANA ANAND
11:25 AM - 11:30 AM	FashionFusion AR Where Tech meets Trend	Suvathi Pandiyarajan
11:30 AM - 11:35 AM	Review on Impact of Promaxon-D on Brake Pad Performance	Mrs. Priya Bramhwanshi
11:35 AM - 11:40 AM	Resin-Based Materials in Brake Friction Pads: An Analysis of Their Influence on Key Properties	Mr Sagar Dhotare
11:40 AM - 11:45 AM	Deep Learning Based Ayurveda Plant Detection and Suggestion	Ms Deepali Jawale
11:45 AM - 11:50 AM	Artificial Intelligence in Healthcare: Review of Opportunities and Challenges	Bhavish
11:50 AM - 11:55 AM	Lane Detection as an Intelligent driver assistant using Image processing	NANDEESH K V
11:55 AM - 12:00 PM	Stock Market Prediction Using Sentimental Analysis	Anjali Mathew
12:00 PM - 12:05 PM	Optimized Crop Yield Forecasting Using ML Regression Models	Karanam Neetha Reddy
12:05 PM - 12:10 PM	Leveraging Quantum Superposition for Multi-Modal Sarcasm and Humor Detection in Code-Mixed Conversations.	D Monica Seles
12:10 PM - 12:15 PM	Understanding Pedestrian through Demographic Influences Insights from Structural Equation Modeling	Deepak Kumar Mohanty
12:15 PM - 12:20 PM	Multi Document Question and Answer System Using Gen AI RAG	Melba Suyambu

## Day-2

### Technical Session 1C

### Parallel Room-2



Time Slot	Paper Title	Author Name
09:50 AM - 09:55 AM	Enhancing LAMA Model Mask Design Through Automation	Rahamate hasrath
09:55 AM - 10:00 AM	A messaging application for intranet	Neama M T
10:00 AM - 10:05 AM	ABNORMAL BEHAVIOUR DETECTION USING FRAME-LEVEL VISUAL DATA ANALYSIS	Abhishek Gorenka
10:05 AM - 10:10 AM	Hybrid Technology for Real Time Driving Monitoring System	Mayur Kadu
10:10 AM - 10:15 AM	EFFECTIVE DATA HIDING SCHEME USING MACHINE LEARNING	Snehal
10:15 AM - 10:20 AM	Integrative Approach to Stock Price Prediction Combining Investor Sentiment with Deep Learning Techniques	Janet Joseph
10:20 AM - 10:25 AM	Hybrid Optimization Technique for Cloud Task Scheduling	Suma Sira Jacob
10:25 AM - 10:30 AM	An Implementation of Blockchain Technology in Forensic Evidence Management	Madana Shivani
10:30 AM - 10:35 AM	Transformative Role of Artificial Intelligence in Revolutionizing the Education Sector: Innovations, Challenges, and Future Prospects	Siddharth Nain
10:35 AM - 10:40 AM	NextGen operative desktop voice assistant for visually impaired persons	DARSANI K
10:40 AM - 10:45 AM	A REAL - TIME IMPLEMENTATION OF SMART VOTING SYSTEM USING FACE RECOGNITION AND FINGERPRINT MODULE	Thejeshri Rajesh
10:45 AM - 10:50 AM	ConverseLearn: A Multimodal AI Educational Assistant for Dynamic Learning and Practicing the Communication skills and Real-Time Support	Nivetha S S
10:50 AM - 10:55 AM	AUTOMATED LUNG CANCER DETECTION USING CNN AND SVM BASED CLASSIFICATION	KISHORE S
10:55 AM - 11:00 AM	Face recognition based attendance system	Sithik ahamed S
11:00 AM - 11:05 AM	Deepfake Video and Image Detection using Neural Networks	Mrs Mohini Mayur Shete

Time Slot	Paper Title	Author Name
11:05 AM - 11:10 AM	Quantum Computing and Cryptography: Transformative Impacts on Security, Scalability, and Future Applications	Sheetal Singh
11:10 AM - 11:15 AM	LOAN ELIGIBILITY PREDICTION USING MACHINE LEARNING	HARIHARAN P
11:15 AM - 11:20 AM	An IoMT Framework To Classify Maternal Health Risk	JUTTADA NIHARIKA
11:20 AM - 11:25 AM	An Effective Resource Optimization and Scheduling in Cloud using Artificial Rabbit Optimization and Spider Monkey Optimization	Suma Sira Jacob
11:25 AM - 11:30 AM	Federated Deep Learning Approach for Intrusion Monitoring in Agriculture Supply Chains	Akshaiya Sakthivel
11:30 AM - 11:35 AM	CANCER DIAGNOSIS AND TUMOR MAPPING USING DEEP LEARNING	K L Haresh Ragavender
11:35 AM - 11:40 AM	Intelligent Music Recommendation System with AI Powered Mood Detection	Challapalli Naga Venkata Surya Chander
11:40 AM - 11:45 AM	Multi-Model Deep Learning for Retinal Image-Based Detection of Hypertension and Cardiac Risk	Harini S
11:45 AM - 11:50 AM	Deep Learning for Unmanned Aerial Vehicle-Based Object Detection and Tracking	Gundla Preethika
11:50 AM - 11:55 AM	Medical Chatbot - An enhanced application for users with different symptoms	Bhavna Sri M
11:55 AM - 12:00 PM	Real-Time Explainable Fake News Detection System with BERT-LSTM and SHAP	Somaskandan Rajagaopal
12:00 PM - 12:05 PM	Intelligent Loan Approval: Enhancing Fairness and Reliability with Machine Learning	Bandari Gayathri
12:05 PM - 12:10 PM	Modelling and Simulation of Hydrogen Integration in Renewable Energy Systems using System Dynamics	Deepak D Adiga
12:10 PM - 12:15 PM	ENSEMBLE BASED BOOSTING FAMILY PHISHING DETECTION USING FLASK WEB APPLICATION	Suma Sira Jacob
12:15 PM - 12:20 PM	PAIN RECOGNITION WITH PHYSIOLOGICAL SIGNALS USING MULTILEVEL CONTEXT INFORMATION	Rudravaram Shiva

## Day-2 Technical Session 2A Main Room

Time Slot	Paper Title	Author Name
12:45 PM - 12:50 PM	AN OPTIMIZING SKIN CANCER DETECTION USING GRAPHICAL NEURAL NETWORKS	Golla Jayasree
12:50 PM - 12:55 PM	Voicemorph AI: Blending The Voices Of Two Singers Using Advanced Deep Learning Techniques	Nambu kalpana
12:55 PM - 01:00 PM	Real Time Implementation of single face recognition using elman neural network	Anusurya
01:00 PM - 01:05 PM	Real Time Implementation of single face recognition using elman neural network	Anusurya
01:05 PM - 01:10 PM	Academic Integrity in the Digital Age: A Decade of Research on Cheating in Online Exams	Ashish Jolly
01:10 PM - 01:15 PM	ENHANCING AGRICULTURALPRODUCTIVITY USING ENSEMBLE ALGORITHM	Ashwini S
01:15 PM - 01:20 PM	Enhancing Agricultural Productivity with Random Forest-Based Crop Recommendation	Ashwini S
01:20 PM - 01:25 PM	Qualitative and Quantitative Phytochemical Screening, Antioxidant and Antimicrobial Properties of root extracts from Arundinaria suberecta Munro	Bhoj Raj Chhetri
01:25 PM - 01:30 PM	Intelligent VFD Drive Controller for AC Motors	Geethamani
01:30 PM - 01:35 PM	A ML Django Framework Integration for IoT Attack Detection	Tejas Mandyam
01:35 PM - 01:40 PM	Smart Battery Management System for Automotive Electric Vehicles	Vivin S R
01:40 PM - 01:45 PM	Employee Traceability System	Rashmi Deshpande
01:45 PM - 01:50 PM	Developing a comprehensive cost control framework for public housing construction: A critical review and proposed model	Thasneem Kahar
01:50 PM - 01:55 PM	Advanced Human Behavior Analysis Using Deep Learning for Intelligent Insights	N SUJATA GUPTA
01:55 PM - 02:00 PM	Dynamic Spam Detection In Text	Lingala Siri

Time Slot	Paper Title	Author Name
02:00 PM - 02:05 PM	Title: Synergistic interactions in the mixed micelles of $\beta$ -Blocker Drug Propranolol with Biomimetic Micellar Media of a surface-active Ionic liquid and a conventional cationic amphiphile.	Nurendra Chhetri
02:05 PM - 02:10 PM	Machine Learning-based Hybrid EV Assistive System for Fuel and Electric Switching	Shreemathy R
02:10 PM - 02:15 PM	AI DRIVEN SLEEP APNEA DETECTION SYSTEM	KAVIYA S
02:15 PM - 02:20 PM	Multi-Modal Audio Steganography: A Novel Framework for Context Aware and Secure Audio Communication	Namra Noman
02:20 PM - 02:25 PM	DETECTING MISLEADING TEXT IN SOCIAL MEDIA USING AN ENSEMBLE MODEL ALONG WITH DEEP LEARNING	Valarmathi E
02:25 PM - 02:30 PM	ML-BASED AGRICULTURAL COMMODITY PRICE PREDICTION	Pooja Mishra
02:30 PM - 02:35 PM	A Systematic Review of Biomarkers for Early Detection and Predicting Drug Response in Cancer Patients	Nidhish Somaiah C K
02:35 PM - 02:40 PM	A Systematic Review of Biomarkers for Early Detection of Parkinson's Disease	Pallavi S Kumar
02:40 PM - 02:45 PM	Dental Image Segmentation	Aanand Aathmaram
02:45 PM - 02:50 PM	Computational linguistics of Farsi Epigraphs using Optical Character Recognition and Natural Language Processing	Sumaiyya Amreen Ziyauallah Khan
02:50 PM – 02:55 PM	CLASSIFICATION OF DISEASES IN TOMATO LEAF USING ENHANCED CONVOLUTION NEURAL NETWORK	Dr. Sangeetha Rajendran
02:55 PM – 03:00 PM	Exploring Meta-Learning in Supervised and Unsupervised Learning: Opportunities, Insights and Challenges	Dr S Nithya
03:00 PM – 03:05 PM	GesturePath Realtime sign language detection with action recognition	Routhu Siri
03:05 PM – 03:10 PM	Deep learning assisted machine learning on diabetes prediction using Django	Pandit kerolisha
03:10 PM – 03:15 PM	DATA SECURITY AND OPTIMAL SEARCH	P.DEVENDAR

## Day-2

### Technical Session 2B

### Parallel Room-1

Time Slot	Paper Title	Author Name
12:45 PM - 12:50 PM	IOT BASED SMART HOME AUTOMATION	ABINAYA M
12:50 PM - 12:55 PM	Adaptive Mental Health Chatbot with Personalized Follow-Up for Continuous Emotional Well-Being Support	SRINATH S A
12:55 PM - 01:00 PM	Traffic Prediction and Optimization Using Machine Learning	Chris Zionna A
01:00 PM - 01:05 PM	Integrated AI-Powered Talent Assessment System for Holistic Resume Analysis, Dynamic Interviewing, and Data-Driven Insights	Duggirala Sai Pravallika
01:05 PM - 01:10 PM	Cyberguard Ai enhanced cybersecurity in robotics automated systems and fundamental structure	Santhya
01:10 PM - 01:15 PM	Data Privacy Compliance Through Consent Management Using Spring Tool Suite And Sql Server	Trupti Lotlikar
01:15 PM - 01:20 PM	FraudDetect - A Neural Network-Based Approach for Credit Card Fraud Prevention	HARIHARAN S
01:20 PM - 01:25 PM	AI Powered Recommendation System for Entertainment	Manchukuri Sai Krishna
01:25 PM - 01:30 PM	ADAPTIVE VEHICLE MONITORING SYSTEM WITH INTEGRATED SPEED DETECTION NUMBER PLATE RECOGNITION AND INSTANT FINE GENERATION	Ranjeeth A
01:30 PM - 01:35 PM	Forecasting Success in E Learning Using Machine Learning	Sai Priyank Nanda Kumar
01:35 PM - 01:40 PM	Wireless Power Transfer with Antennas: Fundamental Principles, Applications, and Future Trends – A Comprehensive Review	Amit Kumar
01:40 PM - 01:45 PM	Leveraging anticipation on traffic congestion using techniques of machine learning and data fusion	Priyanka
01:45 PM - 01:50 PM	A HUMAN-CENTRIC APPROACH TO CAREER PREDICTION FOR STUDENTS: CHARTING FUTURES	Srivatsan
01:50 PM - 01:55 PM	Image Processing and Statistical Learning for the recognition and Categorizing of Lung Cancer	Chinthamneedi sai varun
01:55 PM - 02:00 PM	Malicious Node Detection Using Machine Learning and Distributed Data Storage Using Blockchain in WSNs	JayantKumar A Rathod

Time Slot	Paper Title	Author Name
02:00 PM - 02:05 PM	DATA DRIVEN ENERGY ECONOMY PREDICTION FOR ELECTRIC BUSES USING ML	Vinith Arya
02:05 PM - 02:10 PM	EFFICIENT RESOURCE ALLOCATION IN CLOUD COMPUTING USING ADAPTIVE HARRIS HAWKS APPROACH	Sankeerth Reddy
02:10 PM - 02:15 PM	Phishing detection and classification using deep learning	Santhoshbabu S
02:15 PM - 02:20 PM	Robo Farmer: Rocker-Bogie Mechanism with Integrated Soil Moisture Detection and Leaf Disease Prediction	Karnika jain
02:20 PM - 02:25 PM	A DFT Studies of Anthraimidazole Based Organic Molecules as a n-type Semiconductor.	BIMAL CHETTRI
02:25 PM - 02:30 PM	Color Image Encryption: A Comprehensive Overview on Techniques Deceiving Hyperchaos	Dr R Saravanan
02:30 PM - 02:35 PM	SURVEY ON FILTER DESIGN USING FREQUENCY SELECTIVE SURFACES FOR WIRELESS COMMUNICATION APPLICATION	Ajaykarthick V
02:35 PM - 02:40 PM	Revolutionizing Cyber Threat Detection With Large Language Models_ A Privacy-Preserving BERT-Based Model for IoT_IIoT	PADMAPRIYA V
02:40 PM - 02:45 PM	Student Attention Analysis System Using CNN	Kurevella Haswanth Kumar
02:45 PM - 02:50 PM	Personalized Autoimmune Disease Assistant Using DenseNet121 Algorithm for Prediction and Management	DANICKA SHARON J M
02:50 PM – 02:55 PM	IN VITRO EVALUATION OF PHYTOCHEMICAL ANALYSIS AND ANTICANCER ACTIVITY OF <i>Enicostemma Littorale</i> BLUME	K. Karthika
02:55 PM – 03:00 PM	SUSTAINABLE SOLUTIONS FOR HEAVY METAL CONTAMINATIONS: REMOVAL OF CHROMIUM, COPPER AND ZINC FROM INDUSTRIAL WASTEWATER	Dr. K.Thara
03:00 PM – 03:05 PM	TURBULENCE MODELLING OF NACA AIRFOIL	A VINAY KUMAR
03:05 PM – 03:10 PM	Forecasting hourly boarding request of transport travellers utilizing imbalanced from keen cards: A DL approach	Maka Venkata sai Gnana sree
03:10 PM – 03:15 PM	ThreatForesight: Advancing Web Threat Detection and Forecasting through AI-Driven Insights	Krutika Dwarka Naidu



**Day-2**  
**Technical Session 2C**  
**Parallel Room-2**

Time Slot	Paper Title	Author Name
12:45 PM - 12:50 PM	Optimizing Machine Learning Approaches for the Early Prediction Of Chronic Kidney Disease Using Multi-Modal Data	Namburi Madhu Naidu
12:50 PM - 12:55 PM	SOME PROPERTIES OF RICCI SOLITONS IN LP-KENMOTSU MANIFOLDS	Mayanglambam Saroja Devi
12:55 PM - 01:00 PM	A Comparative Analysis on Diabetes Prediction	Heeral Sahu
01:00 PM - 01:05 PM	Depression Detection from Text, Image & Speech using Deep Learning Algorithm	THAMMINENI JAGADISH KUMAR
01:05 PM - 01:10 PM	Design optimization of electric motors for harmonic loss reduction for efficiency enhancement under wide DC voltage range	Eti A T Roshini K Sree
01:10 PM - 01:15 PM	FactFuse: A YouTube Transcript Summarizer	Pushparani M K
01:15 PM - 01:20 PM	Thyroid Disease Classification using Machine Learning	pasala yashwanth yadav
01:20 PM - 01:25 PM	DETECTING DEFORESTATION FROM SATELLITE IMAGE	S.Rishi
01:25 PM - 01:30 PM	Document Chatting Using Large Language Models	Gandepalli Naga Venkata Sai Kumar
01:30 PM - 01:35 PM	EXPRESS LINGO : AI VIDEO VOICE TRANSLATION PLATFORM	RAVINDRANATH GATTE
01:35 PM - 01:40 PM	Cafeateen A Pre Order Food page	Dr Rashmi Deshpande
01:40 PM - 01:45 PM	IDS for IoT Networks powered by Artificial Intelligence Technology	Yashima Chauhan
01:45 PM - 01:50 PM	Detection and Treatment Of Cancer Using Machine Learning And Deep Learning	Mankiran Kaur,
01:50 PM - 01:55 PM	3D-Printed Scaffolds of Polylactic Acid and Magnesium Oxide Composites for Biomedical Applications	Ravinder Singh,
01:55 PM - 02:00 PM	3D Printing of Composite Materials: Opportunities and Challenges	Narinder Kumar,

Time Slot	Paper Title	Author Name
02:00 PM - 02:05 PM	Beneficial pharmacological potential of Genistein in urolithiasis of female ovariectomized rats	Smriti,
02:05 PM - 02:10 PM	Sirtuins: Potential Pharmacological Target in Various Disorders	Reema Sharma
02:10 PM - 02:15 PM	Nano-template engineered Solid lipid nanoparticles of Bupropion with benefecial antidepressant potential.	Ms. Sakshi Chauhan
02:15 PM - 02:20 PM	The Ethics of Artificial Intelligence: Balancing Innovation and Responsibility	Khushbu
02:20 PM - 02:25 PM	Materials Science & Nanotechnology AI for Sustainability in Cloud Computing: Reducing Energy Consumption and Optimizing Resources	Nazish Baliyan
02:25 PM - 02:30 PM	Computer Science & Artificial Intelligence Automated systems for diagnosis and detection for dif-ferent classes of cervical cancer using deep learning-based approaches	Parneet Kaur
02:30 PM - 02:35 PM	A STUDY ON HR PRACTICES IN BRIGHT TECH INDUSTRIAL INDIAN PVT LTD	Dr. M. Lalitha Lakshmi
02:35 PM - 02:40 PM	Enhancement of Mammography Images for Breast Cancer Detection Using Brightness-Preserving Cuckoo Search Algorithm-Based Histogram Equalization	Dr.S.Dhivya
02:40 PM – 02:45 PM	Natural Language Processing and Cybersecurity: Anomaly Detection Perspective	Vandna
02:45 PM – 02:50 PM	Sustainable Lifestyle Recommendation System Using Machine Learning	Kiran Ganachari
02:50 PM – 02:55 PM	SSLA-Based Lane and Traffic Sign Detection for Autonomous cars	Pratheek
02:55 PM – 03:00 PM	Detection of Phising Websites Using Machine Learning	Sadineni Pradeep
03:00 PM – 03:05 PM	SMART ATTENDANCE SYSTEM WITH USING LOCATION AND FACE RECOGNITION TECHNOLOGY USING AI AND ML	Suziith Reddy Maramreddy
03:05 PM – 03:10 PM	LegalEase: AI-Powered Summarization and Visualization of Legal Documents	Pranathi Narsupalli
03:10 PM – 03:15 PM	LEVERAGING DEEP LEARNING FOR AYURVEDIC LEAF RECOGNITION AND UTILIZATION.	Ms CH ANUSHA

## Day-2

### Technical Session 3A

### Zoom Main Room

Time Slot	Paper Title	Author Name
03:25 PM - 03:30 PM	CropOptima: AI-driven Crop Suitability, Health Monitoring, and Resource Optimization System	Ayinaivilli Sivateja goud
03:30 PM - 03:35 PM	CREDIT COIN: A NETWORK USING BLOCKCHAIN TO PROVIDE PRIVACY AND INCENTIVES FOR COMMUNICATION IN SMART VEHICLES.	SREEVALLIKA SAVALAPU
03:35 PM - 03:40 PM	Design of operating distributions of cable operator with the defined life cycle	Meenakshi Diwakar
03:40 PM - 03:45 PM	Microbial biodegradation of organophosphate Chlorpyrifos by Soil inhabiting Novel bacterial strain Enterobacter cloacae HKN11 and Pseudomonas aeruginosa, to design and experiment based on optimization study, understanding the metabolites and phytotoxicity study of the metabolites in the Raphanus sativus seedling.	Chandrawali Nath
03:45 PM - 03:50 PM	Tech Tutor – Personalized AI Learning Assistance for Tech Enthusiasts	Priyal Nagda
03:50 PM - 03:55 PM	Explainable AI for Pneumonia Detection in Chest X-Rays: A Comparative Study of ResNet Architectures	Shinu Aliyas George
03:55 PM - 04:00 PM	ALAAS AI powered Legal Assistance and Advisory System	AKHIL C J
04:00 PM - 04:05 PM	Advancing Early Autism Detection: Leveraging Machine Learning for Objective and Comprehensive Assessment from Behavioral and Physiological Data	Malloju Krupa Sagar
04:05 PM - 04:10 PM	DYNAMIC LANGUAGE TRANSLATION APPLICATION FOR ECOMMERCE USING MACHINE LEARNING ALGORITHM	MULAKALAPALLI AJAY BABU
04:10 PM - 04:15 PM	GenZ EVM: Revolutionizing Electronic Voting System with Blockchain	Ram Praveen M

Time Slot	Paper Title	Author Name
04:15 PM - 04:20 PM	Patient Management System using Next.js	Bhavna Sharma
04:20 PM - 04:25 PM	Predicting Stock Prices Using a Hybrid Model: Integrating Machine Learning and Sentiment Analysis	Dr Shailendra Narayan Singh
04:25 PM - 04:30 PM	Sensor Enhanced Smart Waste Management System	Karthik. A
04:30 PM - 04:35 PM	Real-Time Detection of Humans in Complex and Adverse Environments	BENEDICT JOHN ALSTON
04:35 PM - 04:40 PM	FAKE NEWS DETECTION USING PASSIVE AGGRESSIVE CLASSIFIER ON AWS EC2: A SCALABLE APPROACH	ANANTHAPALLI RAM MOHAN SAI
04:40 PM - 04:45 PM	Hybrid Learning-Enabled Intelligent Multivector Malware Detection Mechanism for Improved Android Application Security	Harshitha Mayya
04:45 PM - 04:50 PM	Wildlife Tracking and Monitoring Using IOT	Sarthak Jaiswal
04:50 PM - 04:55 PM	Cyber Physical System Based Smart Cities Device	Anubhav Pandey
04:55 PM - 05:00 PM	ScoutMorph, An advanced multi-modal robot designed for search operations in challenging environments	Joel Joseph
05:00 PM - 05:05 PM	Image Based Virtual Try-On System	Keerthana K

**Day-2**  
**Technical Session 3B**  
**Zoom Parallel Room -1**

Time Slot	Paper Title	Author Name
03:25 PM - 03:30 PM	A Decade of Twitter Sentiment Analysis: A Comprehensive Survey on Unraveling Public Opinion on Twitter to understand Challenges, Advances, and Applications	Abhilash H P
03:30 PM - 03:35 PM	Fraud Detection in Banking Data by Machine Learning Techniques	V Nikhil Kumar
03:35 PM - 03:40 PM	Comment Toxicity Analysis using NLP	Peddireddy Shanmuk reddy
03:40 PM - 03:45 PM	ML Approaches for Autism Spectrum Disorder Detection and Analysis	THIPPIREDDY VISHNU VARDHAN REDDY
03:45 PM - 03:50 PM	SURVEY ON MARKET IMPACT ANALYSIS AND STRATEGIC RECOVERY RECOMMENDATIONS	Pyla Varshith
03:50 PM - 03:55 PM	Transitioning form Turing Machine to Plank Machine	Avijit Deb Sarkar
03:55 PM - 04:00 PM	ALORA	Ashish Joseph
04:00 PM - 04:05 PM	Industrial Prevention For Avoiding Disaster Events Using IOT Web Server	Dr. R. Saravanan
04:05 PM - 04:10 PM	Classification of news based on location using ML algorithm	Nithanth Marate
04:10 PM - 04:15 PM	Optimizing Chunking Strategies for Question Answering Systems on COVID-19 Literature	Mr. Mayurkumar H. Marolia



Time Slot	Paper Title	Author Name
04:15 PM - 04:20 PM	Constructive Student Engagement through integrating Content-based learning with immersive learning method	Dr Sunanda Kapoor
04:20 PM - 04:25 PM	REAL-TIME ROAD DAMAGE DETECTION AND GEOSPATIAL MAPPING USING YOLOv8	Asavari Bhelawe
04:25 PM - 04:30 PM	Saving Lives with AI: A Real-Time Borewell Rescue Solution	DEEKSHITH
04:30 PM - 04:35 PM	EVALUATING DEPRESSION SEVERITY THROUGH STRUCTURED DATA AND DELIVERING TAILORED RECOMMENDATIONS USING MACHINE LEARNING	Aadhilafemine AJ
04:35 PM - 04:40 PM	ANALYSIS OF LONG TERM PERFORMANCE OF DIAPHRAGM WALL PILE FOUNDATION IN COHESIVE SOIL	ALBIN S
04:40 PM - 04:45 PM	A Comparative study on physical and optical properties of ZnO Nanoparticles synthesised by Chemical and Green method	Dr Natarajan Sampathkumar
04:45 PM - 04:50 PM	High-performance girth-six QC-LDPC codes for cloud storage: A novel approach	Dr P V Bhuvaneshwari
04:50 PM - 04:55 PM	Robust Network Security Predictions Using Split-Attention Networks and Variational Decomposition	Antony Shyamalin A
04:55 PM - 05:00 PM	AI Powered Remote Proctored Exam Platform	Kamasani Narendra
05:00 PM - 05:05 PM	Real-Time Video Communication Using WebRTC API and Ngrok SSH Tunneling	Shubhankar Yadav

## Day-2

### Technical Session 3C

### Zoom Parallel Room -2

Time Slot	Paper Title	Author Name
03:25 PM - 03:30 PM	Youtube Video Summarization And Multilingual Output Using FLAN-T5	Mercy Bandaru
03:30 PM - 03:35 PM	SketchTrace: Advancing Suspect Identification with GAN-Based Sketch-to-Photo Synthesis and SNN-Based Image Matching	Anna Maria
03:35 PM - 03:40 PM	Leveraging Interactive Media for Sign Language Acquisition: A Novel iOS Solution	Anshuman Bhatt
03:40 PM - 03:45 PM	AI Image Caption Generator	M A Anson
03:45 PM - 03:50 PM	Fake News Detection Using Machine Learning	Abhishek Madan Gunagi
03:50 PM - 03:55 PM	Quantifying and Enhancing Diversity in LLM-Generated Synthetic Data	Atharva Date
03:55 PM - 04:00 PM	Virtual Machine Interoperability In cloud computing To increase the availability of the cloud resources	KARRI MANOJ SUBHASH REDDY
04:00 PM - 04:05 PM	Large Language Models and Graph Based Analysis for In Silico Medical Data	Apsara S
04:05 PM – 04:10 PM	Certificateless Multi-Receiver Encryption (CL-SM2-MRE) for Secure and Efficient Cloud Data Sharing	Sree Santhikrishna S
04:10 PM – 04:15 PM	Enhancing Kidney Cancer Classification with VGG and EfficientNet: Evaluating CNN Performance for Automated Detection in Medical Imaging	Kavithan N
04:15 PM – 04:20 PM	An Overview of Wetlands in India: Their Ecological Advantages, Difficulties, and Management	BHOOMIKA ACHAL
04:20 PM – 04:25 PM	A new population mean estimator in case of Incomplete Sampling Frames	Jyoti