14th International Conference on
Recent Challenges in Engineering and Technology (ICRCET-2025)

26th & 27th April 2025 | Bangalore, India

Organized by

Yenepoya University
India

IFERP Academy
(India Society)

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Keynote Speakers

Dr. Susarla Venkata Ananta Rama Sastry
Associate Dean Research & Development and Faculty of Chemical Engineering,
Harcourt Butler Technical University, Kanpur,India.

Dr. Safeer Ahmad Arbab
Founding director
Center for Materials Science / /Department of Physics,
Islamia College Peshawar Pakistan.

Assoc. Prof. EUR ING Ir. Ts. Dr. Mohd Natashah Bin Norizan
Associate Professor
Electronic Department
Faculty of Electronic Engineering & Technology (FKTEN)
Universiti Malaysia Perlis (UniMAP)
Malaysia.

Prof. Dr Kishor Sonti
Department of Electronics & Communication
Sathyabama Institute of Science & Technology
India.

Keynote Speakers

Prof Dr. Chitra Kiran. N
Department of ECE,
Alliance College of Engineering,
Alliance University,
Bengaluru, India.

Harshit Kohli
Sr Technical Account Manager
Amazon Web Services

Prof Dr. J. Somasekar
Professor and Program Head,
Department of CSE (AIDD),
JAIN (Deemed-to-be University),
Bangalore, India.

Program Schedule Day 1-Virtual (26/04/2025)

Time				
08:00 AM - 08:05 AM	Introduction by Moderator			
08:05 AM – 08:10 AM	Speech By Keynote Speaker Prof Dr. J. Somasekar (Parallel Room-1)			
08:10 AM - 08:20 AM	Speech By Keynote Speaker Dr. Susarla Venkata Ananta Rama Sastry (Parallel Room-1)	Speech By Keynote Speaker Assoc. Prof. EUR ING Ir. Ts. Dr. Mohd Natashah Bin Norizan (Parallel Room-2)	Speech By Keynote Speaker Prof. Dr Kishor Sonti (Parallel Room-3)	Speech By Keynote Speaker Ts. Dr. Chan Shiau Wei (Parallel Room-4)
08:20 AM - 10:00 AM	Technical Session 1A	Technical Session 1B	Technical Session 1C	Technical Session 1D
10:00 AM – 10:05 AM	Presentation by Mr. Subhrajyoti Ranjan Sahu			
10:05 AM – 10:20 AM	Networking Break			
10:20 AM – 12:00 PM	Technical Session 2A	Technical Session 2B	Technical Session 2C	Technical Session 2D
12:00 PM – 12:15 PM	Networking Break			
12:15 PM – 01:55 PM	Technical Session 3A	Technical Session 3B	Technical Session 3C	Technical Session 3D
01:55 PM – 02:10 PM	Networking Break			
02:10 PM – 04:15 PM	Technical Session 4A	Technical Session 4B		
04:15 PM – 04:20 PM	Valedictory Function			
04:20 PM – 04:25 PM	Vote of Thanks			

Technical Session-1A
26/04/2025 – Virtual
Zoom Parallel Room-1

Technical Session 1A – Zoom Parallel Room-1

Time Slot	Paper Title	Author Name
08:20 AM – 08:25 AM	Innovative Cyber Security: Revolutionizing Threat Detection and Business Protection in the Digital Era	Dipanshu Mishra
08:25 AM – 08:30 AM	Using CNN for Handwritten Digit Recognition	Sipun Gupta
08:30 AM – 08:35 AM	Anomaly Detection in Network using Machine Learning	Arkala Uma Maheshwar Reddy
08:35 AM – 08:40 AM	Implementation of Enhanced Energy Optimization Model for Wireless Sensor Network	Balagani Vivek
08:40 AM – 08:45 AM	Design of Light Weight Machine Learning Detection System for Attack in IoT Networks	Md Abutalib Khan
08:45 AM – 08:50 AM	Enhancing Outbreak Readiness: AI-Driven Prediction and Pharmaceutical Supply Chain Optimization	Kamatchi S
08:50 AM – 08:55 AM	Data Comparison Suite: A Comprehensive Full-Stack Application for Data Integrity	N H Shrinandh
08:55 AM – 09:00 AM	AUDIO SIGNALS REPROCESSING USING DEEP LEARNING MODEL	Kirandeep Kaur
09:00 AM – 09:05 AM	A Zero-Shot Learning Approach for Classifying Plant Leaf Diseases	CH.Naga Sai LAkshmi
09:05 AM – 09:10 AM	EXPLORATORY DATA ANALYSIS OF AI JOB MARKET TRENDS USING MACHINE LEARNING	Pavan sai

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Technical Session 1A – Zoom Parallel Room-1

Time Slot	Paper Title	Author Name
09:10 AM – 09:15 AM	EXPLORATORY DATA ANALYSIS ON HEALTHCARE USING MACHINE LEARNING	Saketh Vangara
09:15 AM – 09:20 AM	Evaluating Machine Learning Approaches for Effective Fake News Detection	Srimannarayana Mopidevi
09:20 AM – 09:25 AM	EXPLORING THE CHALLENGES OF BIG DATA PROCESSING USING HADOOP	Kirandeep Kaur
09:25 AM – 09:30 AM	Advanced License Plate Recognition System for Smart Traffic Management and Monitoring	Venkata sriram
09:30 AM – 09:35 AM	Analyzing Depression and Quality of Life in Healthcare System By Using Machine Learnin	K Mounika Sai Sri
09:35 AM – 09:40 AM	Influence of ASNM Datasets on a Hybrid Machine Learning Framework for Network Intrusion Detection	Guru Saran M
09:40 AM – 09:45 AM	Enhanced Analysis of Electronic Health Records Using Graph-Based Network Structure	NagaThanmaie Namburu
09:45 AM – 09:50 AM	Innovative Transformations in Multimodal Content: Text, Image, Video, and Audio	Maram Lakshmi Yasaswi
09:50 AM – 09:55 AM	Enhancing Model Robustness against Adversarial Attacks using hybrid Machine Learning Approaches	Shaik Jani Ahammad
09:55 AM – 10:00 AM	Facial Emotion Recognition Using Deep Learning	Nadendla Eswar

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Technical Session 1B – Zoom Parallel Room - 2

Time Slot	Paper Title	Author Name
08:20 AM – 08:25 AM	Dual Hybrid Tree: Splitting of the Hybrid Tree	FAKHRUDDIN AMJHERAWALA
08:25 AM – 08:30 AM	Hybrid Detection Model Leveraging Autoencoders for Improved Intrusion Detection on Limited Data	Shaik Mohammad Samiullah
08:30 AM – 08:35 AM	Stochastic Fractal Search-Driven Optimization for Advanced Speech Emotion Recognition Frameworks	Arudra.Venkata Rao
08:35 AM – 08:40 AM	Automated Diabetic Retinopathy Grading Using Graph Neural Networks for Enhanced Feature Relationship Analysis in Retinal Images	Konduri Srinivasarao
08:40 AM – 08:45 AM	Enhancing Text Classification in EHRs with Adaptive Context-Aware Heterogeneous Graph Attention Networks	M. Rama Krishna Koushik
08:45 AM – 08:50 AM	Enhanced Deep Learning for Diabetic Retinopathy Detection with Optimized Feature Extraction	P.Durga Prasad
08:50 AM – 08:55 AM	EHR-HGCN: A Transformer-Augmented Heterogeneous Graph Convolutional Network for Enhanced Text Classification in Healthcare	Shaik Hafeeza
08:55 AM – 09:00 AM	Enhancing Real-Time Malware Detection and Mitigation Using Behavioral Analysis and Machine Learning	K Abhinav Gupta
09:00 AM – 09:05 AM	Enhanced Image Translation with PixelShuffler and Self-Attention GANs	K.Pavan Kumar
09:05 AM – 09:10 AM	Adaptive Context-Aware Framework for Mammography Projection Reconstruction Using Dynamic Deep Learning Architectures	V. Anil

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Technical Session 1B – Zoom Parallel Room-2

Time Slot	Paper Title	Author Name
09:10 AM – 09:15 AM	Automated Renal Tumor Segmentation in CT Imaging Using Advanced Machine Learning Techniques	Akbar Nagani
09:15 AM – 09:20 AM	Enhanced Shoreline Detection Using Sub-Pixel Segmentation and Image Classification: A Case Study in Coastal Monitoring	Rugwesh Kolekar
09:20 AM – 09:25 AM	Optimizing Retrieval in Question Answering Systems on COVID-19 Literature: Impact of Similarity Functions and Chunking Strategies	Mayurkumar H. Marolia
09:25 AM – 09:30 AM	Automating Kidney Stone Detection with Deep Learning and CNN Models	Mahesh S
09:30 AM – 09:35 AM	A Review of Optimization of Floorplanning Based on Machine Learning Algorithms in VLSI	m sameena
09:35 AM – 09:40 AM	Intelligent Traffic Management System: An Advanced Solution for Helmet Compliance, Traffic Signal Violation Detection, Cell Phone Usage Tracking	Battagiri Venkata Sai Nilesh Reddy
09:40 AM – 09:45 AM	MACHINE LEARNING REPORT FOR VEHICLE ACCIDENT DETECTION AND ALERT SYSTEM	RAKUDITI SATHWIK
09:45 AM – 09:50 AM	COMPREHENSIVE ONLINE FOOD ORDERING AND INTEGRATED STOCK MANAGEMENT SYSTEM	Bandarupalli Sri Sai Lokesh
09:50 AM – 09:55 AM	Safe Hazmat Management System	Tejas Kale,Aniket Kittur,Yash Kawade
09:55 AM – 10:00 AM	Blockchain-driven multi-factor authentication for identity and access management, utilizing QR codes	Nuka Charan Dev Reddy

Technical Session-1C
26/04/2025 – Virtual
Zoom Parallel Room-3

Technical Session 1C – Zoom Parallel Room-3

Time Slot	Paper Title	Author Name
08:20 AM – 08:25 AM	Unlocking the Potential of IoT for Advancing Smart Cities in India: Opportunities, Challenges, and Future Directions	Maya Mohan
08:25 AM – 08:30 AM	AgroSense ML powered solutions for sustainable agriculture	Poonam Pangarkar
08:30 AM – 08:35 AM	Flip Flop Data Concealer	Guntaka Venkata Sai Chenna Reddy Garapati ram Chowdary
08:35 AM – 08:40 AM	Streamlining College Canteen Operations with a Digital Token System	GOKULA KRISHNAN S
08:40 AM – 08:45 AM	CropSync: AI-Driven Blockchain Solution for Smart Farming	Harsha Zope
08:45 AM – 08:50 AM	Fashion in the Age of Immersion: Exploring the Potential of AR, VR & CGI	Maahi Shrivastava
08:50 AM – 08:55 AM	Digital Deception: A Study of Deepfake Impact on Media Consumption	Mahambrey Asmita Ashish
08:55 AM – 09:00 AM	AI-Driven Smart Framework for Real-Time Pollution Monitoring and Restoration of the Yamuna River	Mr Meduri Sridhar Sarma
09:00 AM – 09:05 AM	PERSONALIZED HEALTHCARE DECISION SUPPORT SYSTEM	Karthikeyan G
09:05 AM – 09:10 AM	Next Generation Course Material Management System and Intelligent Assistance System	HARISH P S

Technical Session 1C – Zoom Parallel Room-3

Time Slot	Paper Title	Author Name
09:10 AM – 09:15 AM	Opinion Mining From Traveler Comment	Keerthiga E
09:15 AM – 09:20 AM	Enhancing Base Large Language Model Using Knowledge Graphs For Genomic Annotation	Pranav Desai
09:20 AM – 09:25 AM	low latency LFSR with based hybride model state extension	sharmila.m
09:25 AM – 09:30 AM	Dash Sylvereye: Enhancing Visualization of Complex Street Networks Using Python	k.sitamma
09:30 AM – 09:35 AM	Speaker Relevance Analyser: Evaluating Speaker's Discourse	Gayathri Manoj
09:35 AM – 09:40 AM	Beyond The Hype: The Practical One-Shot Performance Analysis Between DeepSeek V3, ChatGPT 4o and Claude 3.5 Sonnet	Vinay Shaileshkumar Adatiya
09:40 AM – 09:45 AM	Microbial Fuel Cells (MFCs) in the treatment of automotive wastewater	Ny Hafaliana Koloina HERINIAINA
09:45 AM – 09:50 AM	CAMPUS SHIELD: VIOLENCE DETECTION AND ALERT SYSTEM IN COLLEGES	Karthiga P
09:50 AM – 09:55 AM	CRIME DETECTION AND MONITORING SYSTEM USING DEEP LEARNING TECHNIQUES	Karishma G R
09:55 AM – 10:00 AM	E-Voting System Using zk-Rollups	Deepakharshan S

Technical Session 1D – Zoom Parallel Room-4

Time Slot	Paper Title	Author Name
08:20 AM – 08:25 AM	Forecasting Stock Market Prices Using Machine Learning and Deep Learning	Anil Kumar
08:25 AM – 08:30 AM	Buy Now Pay Later Solutions for Cloud Services	Rushab
08:30 AM – 08:35 AM	Brain MRI Image Tumor Detection and Classification Technique Using EfficientNetB0	Datta Sai Surya Kommuru
08:35 AM – 08:40 AM	Latest Trends of Machine Learning Methods for Speech Pattern Recognition and Voice Signal Processing	Deepak Kumar
08:40 AM – 08:45 AM	Diabetes Prediction Using Machine Learning Techniques	srinivasa reddy
08:45 AM – 08:50 AM	Advancing Lung Cancer Diagnosis: A Hybrid Transfer Learning Approach	Kothari Lakshmi Kasturi
08:50 AM – 08:55 AM	Explainable AI in IVF: Enhancing Transparency and Efficiency in Fertility Treatment	Chirag Darji
08:55 AM – 09:00 AM	Assessing the Viability of Proof-of-Driving as a Consensus Mechanism for Trust Management in Vehicular Ad Hoc Networks (VANETs)	SURJYA KANTA DAIMARY
09:00 AM – 09:05 AM	Student-Driven Online Learning: Transforming Education for the Future	Jagin M. Patel
09:05 AM – 09:10 AM	Machine Learning-Based Load Balancing in Cloud Computing	Alla Pranav Sai Reddy

Technical Session 1D – Zoom Parallel Room-4

Time Slot	Paper Title	Author Name
09:10 AM – 09:15 AM	A GLOBAL PERSPECTIVE OF GENERATIVE AI IN EDUCATION	Dr S Sasikala
09:15 AM – 09:20 AM	Wireless Patient Monitoring System Using GSM	Anushka Singh
09:20 AM – 09:25 AM	SMARTGUARD SENITEL PRO: Advanced theft Prevention for retail environment	Mrunali Shinde
09:25 AM – 09:30 AM	Maximizing Profits in Active Networks through GEPSO-Based DG Placement with Emission Penalties	Sapna Ladwal
09:30 AM – 09:35 AM	Investigation of Soil Quality in the Surrounding Region of Thermal Power Plants	AKASH KALEY
09:35 AM – 09:40 AM	Harmonic Reduction in Eleven level Multilevel Inverter using Level Shifted-Pulse Width Modulation Technique	Parul Gaur
09:40 AM – 09:45 AM	Optimizing Cooling tower performance: PID control for pH regulation using Bio-inspired algorithms	Lakshana S
09:45 AM – 09:50 AM	GALLBLADDER STONE DETECTION USING AI-ENHANCED ULTRASOUND AND SELF-SUPERVISED LEARNING	Varthini CN
09:50 AM – 09:55 AM	Design and Implementation of Deep Convolutional Neural Network (DCNN) model for Diagnosis of Lung Cancer	Karpaga Selvi Subramanian
09:55 AM – 10:00 AM	Design of Automatic Braking System to Control Speed Variations for ADAS	Rajeshwari K

Technical Session-2A
26/04/2025 – Virtual
Zoom Parallel Room-1

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Technical Session 2A – Zoom Parallel Room-1

Time Slot	Paper Title	Author Name
10:20 AM - 10:25 AM	AI-CRAFTED DIET AND FITNESS FOR DISEASES USING MACHINE LEARNING	Preethi
10:25 AM - 10:30 AM	Integrating OCR and Machine Learning for Cyberbullying Detection: A Severity-Based Approach with Automated Reporting and Legal Framework Compliance	Shivani TJ
10:30 AM - 10:35 AM	Blockchain Based Digital Forensics Framework Integrated with Machine Learning: Review Paper	Naresh S
10:35 AM - 10:40 AM	Soil Moisture Sensing Techniques using IoT and Machine Learning: A Review	Vitista Tyagi
10:40 AM - 10:45 AM	Oryza Sativa Leaf Disease Detection Using Neural Networks with Multilingual Recommendations	Ms GAYATHRI B
10:45 AM - 10:50 AM	Prevention And Recommendation Of Tomato Leaf Disease Using Deep Learning	SUTHA M
10:50 AM - 10:55 AM	MOST EFFECTIVE METHOD FOR DATA PRIVACY AND PROTECTION IN WINDOWS: THE SIMPLEST AND SAFEST METHOD	PRATHAM MOHAN PAWAR
10:55 AM - 11:00 AM	A Comprehensive Financial Management Application	B Eswar Chand
11:00 AM - 11:05 AM	Closed-Loop Active Control Method for Suppression of Thermo-Acoustic Instability with ML Application	Disha Patil
11:05 AM - 11:10 AM	Evaluating Domain-Specific and General-Purpose Large Language Models for Question Answering on COVID-19 Literature	Mayurkumar H Marolia

Technical Session 2A – Zoom Parallel Room-1

Time Slot	Paper Title	Author Name
11:10 AM - 11:15 AM	Bridging Communication Barriers with CNN-LSTM: A Smart Indian Sign Language Learning and Translation Model	Samarth M N
11:15 AM - 11:20 AM	Chatbot-Integrated Deep Learning Platform for Skin Disease Detection and Treatment Guidance	Krishna Priya R
11:20 AM - 11:25 AMA	Gender-Based Emotion Classification Using EEG Signals	DIBYA THAPA
11:25 AM - 11:30 AM	ENHANCING EARLY DETECTION OF CHRONIC KIDNEY DISEASE THROUGH MACHINE LEARNING TECHNIQUES	Chaganti Lakshmi Pranitha
11:30 AM - 11:35 AM	A Review on Predictive maintenance of Machine Using Machine Learning	Rishi Lanjewar
11:35 AM - 11:40 AM	AI-Driven Analysis of Neuroimages for Stroke Detection	Dr Vidyashree K P
11:40 AM - 11:45 AM	Optimizing KPI Placement in Dashboards Using UI Heatmaps and User Attention Analytics	Vaishnavi Shantharamu
11:45 AM - 11:50 AM	Quantum-Enhanced Secure Image and File Sharing DES & 2FA	Channakeshava v
11:50 AM - 11:55 AM	Personalized Health Diagnosis and Care Assistant A Machine Learning Approach	P.VELMURUGADASS
11:55 AM - 12:00 PM	A Semi-Supervised Deep Learning Model with a Teacher-Student Framework for Change Detection in Hyperspectral Imagery	Indira Bidari

Technical Session 2B – Zoom Parallel Room-2

Time Slot	Paper Title	Author Name
10:20 AM - 10:25 AM	A Comprehensive Survey on Bee inspired Metaheuristics and Their Application in the Image Segmentation Field	Nima Lamu Tamang
10:25 AM - 10:30 AM	Cognitive Computing-Based COVID-19 Detection in Multi-Access Edge Computing Environment	RAM BHUPAL MESHINENI
10:30 AM - 10:35 AM	Advanced Deepfake Detection using ResNeXt and LSTM for a Trusted Digital World	Karthik R
10:35 AM - 10:40 AM	Optimisation of crop suitability using Deep learning algorithms	Roshini T
10:40 AM - 10:45 AM	Optimized IoT-Driven Remote Health Monitoring System with Self-Guided Latent Diffusion and Score-Based Graph Generative Modeling	Dr Md Asif
10:45 AM - 10:50 AM	A VR approach to Space Exploration Using Unity	Shefali Jain
10:50 AM - 10:55 AM	Anomaly in weather predictions using Ensemble learning Algorithms	M Geshta Berling
10:55 AM - 11:00 AM	ROAD SURFACE SEMANTIC SEGMENTATION DAMAGE RECOGNITION USING DEEP LEARNING	Arjun E
11:00 AM - 11:05 AM	FarmCare Vision: Enhancing Sustainable Agriculture Using IoT and Machine Learning	DILEEP KUMAR MITTAPALLI
11:05 AM - 11:10 AM	DETECTION OF DEEPFAKE IMAGE USING CNN ARCHITECTURE	Dr Hamsaveni M

Technical Session 2B – Zoom Parallel Room-2

Time Slot	Paper Title	Author Name
11:10 AM - 11:15 AM	Smart Agro – Analyzer : A Soil And Plant Health Prediction Model With Plant Disease Detection	Marimuthu T
11:15 AM - 11:20 AM	Recycling of Polystyrene Using Bio-based Limonene	Prateek Khanna
11:20 AM - 11:25 AM	DAG based avatar authentication in metaverse using 5G E-sim cards	ATUL GUPTA
11:25 AM - 11:30 AM	CNN-Based Image Recognition System for Authenticating Products by Identifying Micro-Patterns and Material Consistency	Sachin V
11:30 AM - 11:35 AM	Smart Roadside Assistance: A Real-Time Web Solution for Vehicle Breakdown Support	Mudigonda Thrinadh Sai Rohith
11:35 AM - 11:40 AM	PREDICTIVE MAINTENANCE FOR INDUSTRIAL EQUIPMENT	MALLI REDDY VENKATA RATHNA REDDY
11:40 AM - 11:45 AM	Face detection in low-light conditions using yolov8 and mtcnn	Chandrashekar Thalluri
11:45 AM - 11:50 AM	An Enhanced Fake News Detection System with Deep Learning	Nived Reddy Tamma
11:50 AM - 11:55 AM	Semi Supervised for low resource languages	Shubhrika Sharma
11:55 AM - 12:00 PM	RAG-driven conversational AI using GPT-3.5 Turbo and LangChain	Madumitha S

Technical Session 2C – Zoom Parallel Room-3

Time Slot	Paper Title	Author Name
10:20 AM - 10:25 AM	Digitizing Sanskrit Handwritten Scripts	Aniruddha Sharma
10:25 AM - 10:30 AM	Equation Eye	Bharanidhar R
10:30 AM - 10:35 AM	Energy Efficient Indoor Asset Tracking	Prajwal M
10:35 AM - 10:40 AM	Deep Learning-Driven Multi Gener Music Classification With Ten Sound Types	Kurra Bala Gopaludu
10:40 AM - 10:45 AM	Lung Cancer Detection Using VGG19	Tagore Thotakura
10:45 AM - 10:50 AM	Voice-Driven Gender Insights: Computational Resource Utilization Using IoT and ML	Kumar Arvind
10:50 AM - 10:55 AM	Disease Prediction and Drug Recommendation using Machine Learning	Kamal Torlikonda
10:55 AM - 11:00 AM	Personalized Visual Product Recommendations Using Deep Metric Learning	Aditya Singh
11:00 AM - 11:05 AM	Artificial Intelligence Based Model for Electricity Demand Projection Including Peak Demand Projection for Delhi Power System	Shyamli
11:05 AM - 11:10 AM	Real-Time Heart Rate Estimation from Video Using Remote Photoplethysmography and LLM-based Insights: A Serverless Approach	Kartik Arora

Technical Session 2C – Zoom Parallel Room-3

Time Slot	Paper Title	Author Name
11:10 AM - 11:15 AM	AI: An Intelligent System for Optimized Student Profile Management and Data Accessibility	Abdul Hajees S
11:15 AM - 11:20 AM	Deep Dive: Evaluating Deep Learning Techniques for Phishing Attack Detection	Bhanuja MK
11:20 AM - 11:25 AM	Current Developments on IOT in Aided Wearable devices For Healthcare: A Literature Review	Abhinav R B
11:25 AM - 11:30 AM	Green Synthesis of Metal Nanoparticles for Aseptic Applications	Gaikwad Dipika Dnyandeo
11:30 AM - 11:35 AM	Real-Time Human Emotion Recognition through Transfer Learning for Enhanced Sensory Interaction	Kambham Chaturya Reddy
11:35 AM - 11:40 AM	IOT Based Damaged Street Light Fault Notification & Intensity Control System	Harsh Doshi
11:40 AM - 11:45 AM	Design of Dual-Band H Shaped Microstrip Patch Antenna and Optimizing By Machine Learning	Y JASMINE
11:45 AM - 11:50 AM	Violence Detection System for Automated Video Surveillance Applications	Rashmi More
11:50 AM - 11:55 AM	Early Detection Of Parkinson's Disease through Gait Analysis	Adhesh Dheeraj
11:55 AM - 12:00 PM	Optimizing Credit Card Fraud Detection with Cost-Sensitive Thresholding and Explainable AI	Aiushi Sengupta

Technical Session 2D – Zoom Parallel Room-4

Time Slot	Paper Title	Author Name
10:20 AM - 10:25 AM	Human Detection-Based Video Compression for Storage Optimization in Surveillance Videos	Vishnu S Honnavalli
10:25 AM - 10:30 AM	Integration of AI & Machine Learning for Predictive Safety Measures in Blast-Resistant Railway Bridges	Vishwanatham Marella
10:30 AM - 10:35 AM	FOODGPT: Conversational AI for Personalized Restaurant and Dish Recommendations Using Advanced Machine Learning	Sadineni Pavani
10:35 AM - 10:40 AM	Empowering Farmers: Real-Time Coconut Tree Disease Detection and Management Using YOLOV8 and Machine Learning Techniques	Thumati Harshitha
10:40 AM - 10:45 AM	Petroleum Quality Prediction and its Optimization: Development of Optimized Fuzzy Control Charts for Enhancing the Petroleum Quality	Vipin Kumar
10:45 AM - 10:50 AM	Enhancing Quality of Life: A Comprehensive Review of Assistive Technologies for Diverse Needs	Diya Maria
10:50 AM - 10:55 AM	Stroke Prediction Using Deep Learning and Transfer Learning approaches.	GADDAM SHOWRY BABU
10:55 AM - 11:00 AM	AI-Powered Targeted Spraying Robot for Precision Agriculture	Neha Sunil
11:00 AM - 11:05 AM	Detection of Fraud Transaction using Machine Learning in E-Commerce Industry	Hamza Junaid
11:05 AM - 11:10 AM	Medical Recommendation System Using Machine Learning	Anurag Kumar

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Technical Session 2D – Zoom Parallel Room-4

Time Slot	Paper Title	Author Name
11:10 AM - 11:15 AM	QPark: Optimized Virtual Queue System for Enhanced Visitor Experience in Amusement Parks	Sajid Momin
11:15 AM - 11:20 AM	Lead Management System	Nishant Kumar
11:20 AM - 11:25 AM	A Hybrid BiLSTM-DNN Approach for Crop Yield Prediction with NDVI Features	Ashraya Agnihotri
11:25 AM - 11:30 AM	GESTURE MOUSE CONTROL USING COMPUTER VISION	Princi
11:30 AM - 11:35 AM	Responsible adoption of the latest AI technologies in the legal industry	Vinodhini Ravikumar
11:35 AM - 11:40 AM	Mapping of land cover changes utilizing multi-temporal remotely sensed data in East Sikkim, India.	Chunnu Khawas
11:40 AM - 11:45 AM	Advanced Predictive System For Diagnosing Patient Disease Through Machine(deep) Learning Techniques	Mohammed Sameer Khan
11:45 AM - 11:50 AM	SENTIMENT-BASED RATING PREDICTION USING BERT AND LSTM	P.DEVENDRA BABU
11:50 AM - 11:55 AM	Design and implementation of phase locked loop using ADS	Dr.MADDALA LAKSHMI NARSIMHA CHARYULU
11:55 AM - 12:00 PM	Next Word Prediction Using LSTM	Raj Nandani

Technical Session-3A
26/04/2025 – Virtual
Zoom Parallel Room-1

Technical Session 3A – Zoom Parallel Room-1

Time Slot	Paper Title	Author Name
12:15 PM – 12:20 PM	Virtual Trail Room: Real-World Path Exploration Through Webcam Interface	Sheeban E Tamanna
12:20 PM – 12:25 PM	Efficient Cyber Threat Monitoring And Response Solution Using Machine Learning	Noothalapaati Kalyan Kumar
12:25 PM – 12:30 PM	CONTENT GENERATION WITH GEMINI	MANISH KUMAR
12:30 PM – 12:35 PM	Identification of Medicine using OCR and Pharmacy Locator	Alla Dileep
12:35 PM – 12:40 PM	Enhancing ATM Accessibility: A Dual-Language (Hindi and English) Streamlit Application with Audio Guidance and Voice Command for Visually Impaired Users	Alamuri Ashok Reddy
12:40 PM – 12:45 PM	A Practical Comparison of Vulnerability Assessment and Penetration Testing	C Suneetha
12:45 PM – 12:50 PM	Smart Agriculture: AI Techniques for Detecting and Classifying Plant Diseases	Syed Aneesha Muskan
12:50 PM – 12:55 PM	Smart Classification of Human Activities through Deep Learning	Bellamkonda Eswari Devi
12:55 PM – 01:00 PM	Detection Of Suicide Risk and Depression on Social Media Using Machine Learning Techniques	V V N S S Raghu Nath
01:00 PM – 01:05 PM	P2P communication System	Akshay Rawat

Technical Session 3A – Zoom Parallel Room-1

Time Slot	Paper Title	Author Name
01:05 PM – 01:10 PM	ENHANCING PEER-TO-PEER NETWORKS: THE FUTURE OF DECENTRALIZED FILE SHARING	Akhilesh Pandey
01:10 PM – 01:15 PM	Integrating Neural Networks for Enhanced Stock Market Predictions	Md Farhan
01:15 PM – 01:20 PM	Movie Suggestion Expert Using Collaborative Filtering	Neelkant Mani Upadhyay
01:20 PM – 01:25 PM	Stock market price prediction website using machine learning algorithms	Sneha Kumari
01:25 PM – 01:30 PM	IMAGE RECOGNITION SYSTEM USING PYTORCH	Ankit Kumar
01:30 PM – 01:35 PM	A Blockchain-Based System for Secure Medical Records	Sunny Kumar
01:35 PM – 01:40 PM	Strategic Safeguards: Enhancing Static Analysis with Machine Learning for Early Detection of Banking Malware in Windows Environments	Ikhlaq Ayoub Shan
01:40 PM – 01:45 PM	Android Malware Detection using Autoencoders and Particle Swarm Optimization	Ayush Panwar
01:45 PM – 01:50 PM	Digital Real Estate Ownership Platform	Aniket Murkutkar
01:50 PM – 01:55 PM	Tumors Detection in Medical Images using Image Segmentation	Jeyalakshmi

Technical Session 3B – Zoom Parallel Room -2

Time Slot	Paper Title	Author Name
12:15 PM – 12:20 PM	Heart Disease Prediction By Machine Learning	Harshita Bishnoi
12:20 PM – 12:25 PM	Facial Expression Recognition with RI-LBP	Marut Nandan
12:25 PM – 12:30 PM	Brain Tumor Detection from MRI Images by Using Deep Learning CNN	Rishabh Thakur
12:30 PM – 12:35 PM	EFFICIENT DEEPFAKE DETECTION SYSTEM USING ADVANCED DEEP LEARNING MODELS	SIVASANJUKTHA S
12:35 PM – 12:40 PM	Building a VPN Service with Enhanced Security Features	Sudhanshu Kumar
12:40 PM – 12:45 PM	DDoS Attack Detection Using Deep Learning Algorithms A Review	PINKI RANI
12:45 PM – 12:50 PM	Precision Monitoring for Sustainable Sericulture	RIBKA PULI
12:50 PM – 12:55 PM	Smart Inventory Management By Dynamic Discount Pricing and Active Expiry Alerts by using Machine Learning	RIBKA PULI
12:55 PM – 01:00 PM	Efficient Inventory Regulation with Adaptive Discounts and Timely Expiry Notifications	RIBKA PULI
01:00 PM – 01:05 PM	Inquest AI	Chahat Chaudhary

Technical Session 3B – Zoom Parallel Room -2

Time Slot	Paper Title	Author Name
01:05 PM – 01:10 PM	An IoT-Driven Multi-Sensor System Real-Time Methane Detection and Analysis using AWS Sagemaker	SHISHIR BAGAL
01:10 PM – 01:15 PM	Stock Market Trend Prediction with Sentiment Analysis and Explainable AI	Harshit Singh
01:15 PM – 01:20 PM	Machine Learning Based Obstruction Recognition Using YOLOv5	Mahendra Singh
01:20 PM – 01:25 PM	Hello History: AI Chatbot for Real-Time Interaction With Historical Personalities	Bhagyashree Naidu
01:25 PM – 01:30 PM	Navigating the Threat Landscape: Windows Malware Analysis Techniques	Muneem fayaz
01:30 PM – 01:35 PM	Predicting IPO Listing Prices Beyond Time Series: A Hybrid Transformer Framework for Non-Temporal Valuation	Lojini V
01:35 PM – 01:40 PM	BRAIN TUMOR DETECTION USING IMAGENET MODEL	V. Chandrasekhar
01:40 PM – 01:45 PM	Study on the Effectiveness of Menstrual Cycle Prediction Algorithms in Mobile Menstrual Trackers	Karan Kumar
01:45 PM – 01:50 PM	Multimodal Detection Of Aggressive Behavior Using CNNS and RNNS: Integrating Audio, Video and Image Analysis	Kanthimathi Sundararajan
01:50 PM – 01:55 PM	NEXT WORD PREDICTION USING LSTM	Radheshyam Kumar

Technical Session 3C – Zoom Parallel Room -3

Time Slot	Paper Title	Author Name
12:15 PM – 12:20 PM	Facial Emotion Recognition	Adil Khan
12:20 PM – 12:25 PM	OVER VOLTAGE AND UNDER VOLTAGE PROTECTION OF SINGLE PHASE DOMESTIC LOADS USING ARDUINO	Uggumudi Divya
12:25 PM – 12:30 PM	OPTIMIZATION OF SYNTHESIS CHARACTERISTICS OF BIOCHAR FROM PALM KERNELSHELL AND MAIZE RESIDUE	Snehaprabha M.
12:30 PM – 12:35 PM	Fraud Detection in E-Commerce Transactions through Machine Learning	Abhishek Pal
12:35 PM – 12:40 PM	Adaptive Virtual Therapist for Mental Health Support	Sannepally Sai Mahith
12:40 PM – 12:45 PM	A Novel AI Streamlit-Based Multi-Condition Health Predictor	MANJUNATH K N
12:45 PM – 12:50 PM	Effects of Rice Husk biochar and Sugarcane bagasse biochar on Soil Properties and Rice growth	Naseefa PK
12:50 PM – 12:55 PM	Fake News Detection	Kakarla Bharath
12:55 PM – 01:00 PM	Secure File Storage on the Cloud Using Hybrid Cryptography	Harsh raj
01:00 PM – 01:05 PM	Fed-IOT: Decentralized Data Privacy Preservation against Adversarial Attacks	Shoaib Sultan Bhat

Technical Session 3C – Zoom Parallel Room -3

Time Slot	Paper Title	Author Name
01:05 PM – 01:10 PM	Food Court Web Application	Divyansh Kumar
01:10 PM – 01:15 PM	INTELLIGENT SYSTEM DESIGN ON THERMAL POWER PLANT EFFICIENCY ENHANCING	Dr subodh panda
01:15 PM – 01:20 PM	FPGA Implementation of Vedic Multiplier using Carry-Save Adder and Brent-Kung Adder	Gautham Jayesh
01:20 PM – 01:25 PM	SAR-to-Optical Image Translation Using GAN	Mohammad Zaiba Mehack
01:25 PM – 01:30 PM	SENTIMENTAL ANALYSIS ON SOCIAL MEDIA POSTS USING MACHINE LEARNING	Dr Anamika Jain
01:30 PM – 01:35 PM	Friction Stir Processing of Magnesium Alloys: A Comprehensive Review	Narender Kashyap
01:35 PM – 01:40 PM	Multi Criteria Decision Making for Superior Text Summarization	Dr Shiksha Singh
01:40 PM – 01:45 PM	Deepfake Detection Using Deep Learning with a Multimodal Ensemble Approach	Lakshmi R
01:45 PM – 01:50 PM	Automatic Solar Panel Cleaning System	Mr. Omkar More
01:50 PM – 01:55 PM	USER'S CART BASED NUTRITIOUS RECIPE RECOMMENDATION	S. Reshni

Technical Session 3D – Zoom Parallel Room -4

Time Slot	Paper Title	Author Name
12:15 PM – 12:20 PM	Jan Dhan Nirdeshak: App designed to enhance user accessibility to financial services across India.	Rohit Yadav
12:20 PM – 12:25 PM	Early Detection of Breast Cancer Using Deep Learning Techniques	Nizam
12:25 PM – 12:30 PM	Intelligence Video Surveillance System using Machine Learning and AI	Jai Shankar Kumar
12:30 PM – 12:35 PM	DEVELOPMENT OF AN AUTONOMOUS DRONE SYSTEM FOR EFFICIENT GOODS DELIVERY IN CHALLENGING ENVIRONMENTS	swetha P
12:35 PM – 12:40 PM	From Correlation to Intervention : Mapping the Parkinson's - Type 2 Diabetes relationship for improved clinical outcomes	Sheeban E Tammanna
12:40 PM – 12:45 PM	Quantification based Intensity Estimation of Human Emotions using Facial Expression and Deep Learning	Mir Aamir Hamid
12:45 PM – 12:50 PM	Enhancing Glioma Prognosis with Explainable AI A Transparent Machine Learning Approach	Mr G Rajshekar Reddy
12:50 PM – 12:55 PM	Enhancing Creativity and Efficiency in Content Creation through AI: A SaaS-Based Approach	shubham kumar
12:55 PM – 01:00 PM	FareHunt Web Application for Cost-effective Ride Booking	Muhammad Nihaal ur Rahmaan
01:00 PM – 01:05 PM	Reducing Waste with Mobile app	Ayush Agarwal

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Technical Session 3D – Zoom Parallel Room -4

Time Slot	Paper Title	Author Name
01:05 PM – 01:10 PM	Enhanced ANN-Driven Metaheuristic Optimization for BLDC Motor Control: A Review	P Rajeswari
01:10 PM – 01:15 PM	Advancements in Metaheuristic Algorithms for Efficient Noise Minimization in Signal Processing	KEERTHANA R
01:15 PM – 01:20 PM	Tab - Based Chatting Application: Enhancing Communication Efficiency Through innovative Design	ASHISH KUMAR
01:20 PM – 01:25 PM	IoT-Based Labour Monitoring System for Industrial Applications	Aryan Dharmadhikari
01:25 PM – 01:30 PM	Resume Sorting and Filtering System Using Integrated IOT	Ananya Bharti
01:30 PM – 01:35 PM	Ai Driven Autonomous Rover For Weed Detection And Removal In Fields	Lakshmi R
01:35 PM – 01:40 PM	Automatic Data Categorization And Pattern Discovery System	P SYAMALA RAO
01:40 PM – 01:45 PM	INTERNET OF THINGS AND DEEP LEARNING INTEGRATED CROP RECOMMENDATION SYSTEM	SHRADDHA SHARMA
01:45 PM – 01:50 PM	NEXT-GEN HOME AUTOMATION SECURITY BASED ON FACE AND VOICE RECOGNITION EMBEDDED WITH IOT	Akanksha Singh
01:50 PM – 01:55 PM	Safe Harvest: IoT Based Fruits and Vegetables Freshness Detection	Tripti

Technical Session 4A – Zoom Parallel Room -1

Time Slot	Paper Title	Author Name
02:10 PM – 02:15 PM	Review of Credit Card Fraudulent Data Detection Models	Raja Sharma
02:15 PM – 02:20 PM	A Deep Learning Framework based on LRCNN for Suspicious Behavior Detection in Retail Spaces	Arvin Nooli
02:20 PM – 02:25 PM	BLOGHUB: REACT.JS, TAILWIND CSS AND VITE	Shashank Swaroop Saxena
02:25 PM – 02:30 PM	Integration of IoT Use of Smart Power Management Systems for Essential Protection and Functionality of Switchgear	Anandha Kumar T
02:30 PM – 02:35 PM	Investigations on the microstructure and wear properties of SLM printed Stainless steel	MRITYUNJAY NAYAK
02:35 PM – 02:40 PM	Machine Learning-Based Interactive System for Stroke Rehabilitation	Aditya Dhumal
02:40 PM – 02:45 PM	Music Recommendations System Using Facial Emotion Detection	Adarsh singh
02:45 PM – 02:50 PM	Car Price Prediction Using Machine Learning	Aditya Raj
02:50 PM – 02:55 PM	Skin Cancer Detection Using CNN	REDDYVARE LOKITHA REDDY
02:55 PM – 03:00 PM	AI DEEPFAKE IMAGE DETECTOR	KRUPAL WARALE
03:00 PM – 03:05 PM	An Optimized Machine Learning Model for Heart Disease Prediction	Yarram Venkata Arjun Reddy
03:05 PM – 03:10 PM	Mobile based alert system. SMS as a life saving tool	G Hrithicka
03:10 PM – 03:15 PM	Utilizing Wireless Sensor Networks for Healthcare and Precision Agriculture	VadisalaNamithaReddy

Technical Session 4A – Zoom Parallel Room -1

Time Slot	Paper Title	Author Name
03:15 PM – 03:20 PM	IT-SDN-Driven Network Topology Discovery for Efficient Wireless Sensor Network	Aele Prageetha
03:20 PM – 03:25 PM	Decentralized Crowdfunding Platform: A Blockchain-based Approach Using Smart Contracts and Modern Web Technologies	Ch.Balaji
03:25 PM – 03:30 PM	Predict Customer Churn with Python and Machine Learning	Arnav Kumar Gupta
03:30 PM – 03:35 PM	A Study on Facial Emotion Recognition using Convolution Neural Network	Adnan Khan
03:35 PM – 03:40 PM	Review on the Microstructure studies AA6000 series with and without Cryo-Treatment.	Chandan V
03:40 PM – 03:45 PM	Nova An Educational Chatbot	Anam Shaikh
03:45 PM – 03:50 PM	Navigating the Classroom with Live debugging: A Study of Educators' Challenges and Insights	Harpreet Kaur
03:50 PM – 03:55 PM	A Review of Simulation And Experimental Analysis of Heat Treatment For Steel Tie Rods	Kunal Kumar Singh
03:55 PM – 04:00 PM	Gender Identification by Voice	Shivanshu Mishra
04:00 PM – 04:05 PM	Unveiling Hidden Patterns A Deep Dive into Tableau Application by bibliometric analysis.	javed gulamnabi dudhwala
04:05 PM – 04:10 PM	Pneumonia detection using YOLOV7	Mankena Roja
04:10 PM – 04:15 PM	WEAPON DETECTION USING ARTIFICIAL INTELLIGENCE AND DEEP LEARNING FOR SECURITY APPLIANCES	G BHANU PRAKASH

Technical Session 4B – Zoom Parallel Room -2

Time Slot	Paper Title	Author Name
02:10 PM – 02:15 PM	A Movie Recommendation System using machine learning	ASTIK ROY
02:15 PM – 02:20 PM	Implementation of Malicious URL Detector using Machine Learning	Sukaina Kazmi
02:20 PM – 02:25 PM	Smart Home Nightmare: Analyzing the Vulnerability of Budget IoT Devices to Remote Hijacking in the Indian Market	Gopal Mahaldar
02:25 PM – 02:30 PM	Assessment of haemo- and cellular compatibility of alginate capped silver nanoparticles: a perspective for biomedical applications	Priyanka Srivastava
02:30 PM – 02:35 PM	A Decentralized Model for Increasing Security in Government Documents Using Distributed Ledger Technology	Mohamed Waseem A
02:35 PM – 02:40 PM	Design Of Industrial Steel Building with Different Types Of Bracing For Seismic Conditions	sahil dhanvijay
02:40 PM – 02:45 PM	NephroMind-Detection, classification and segmentation of kidney disease	Priyanshu Shrivastava
02:45 PM – 02:50 PM	Exploring switching intention from Fixed Deposits to Stock markets: An individual investor behavior study through Push-Pull-Mooring model	Gargi Agarwal
02:50 PM – 02:55 PM	Enhancing Landslide Detection Through Deep Learning: A Modified BiRefNet Approach	Sourabh Sharma
02:55 PM – 03:00 PM	Smart Shopping Cart	Vijayalaksmi.E
03:00 PM – 03:05 PM	Leveraging AI to Detect Income-Asset Mismatch	M.Nameetha
03:05 PM – 03:10 PM	Road Accident	Ashva Thershini. V
03:10 PM – 03:15 PM	Wedding Hall Booking App Concept Document	B.Pranav Muthuvel

Technical Session 4B – Zoom Parallel Room -2

Time Slot	Paper Title	Author Name
03:15 PM – 03:20 PM	A Framework to Detect GI Tract Bleeding Using E-ORB Based Feature Point Extraction and ME-Deep CapsNet Classifier Model in WCE images	S.Rathnamala
03:20 PM – 03:25 PM	AI-Driven Blood Bank Systems: Revolutionizing Blood Collection and Distribution	Dipesh Shrestha
03:25 PM – 03:30 PM	A convolutional neural network-based system for blood group classification.	Ashwini Subburaj
03:30 PM – 03:35 PM	Distributed Inter-Connected Agent Framework for Code Understanding	Sanoop A
03:35 PM – 03:40 PM	Detection of AI generated images	Gaurav Singh
03:40 PM – 03:45 PM	Deep Learning Approaches for Detecting DeepFakes: A Systematic Literature Survey	Yeeshu Ralhen
03:45 PM – 03:50 PM	Assured Contract Farming	Sreeram S
03:50 PM – 03:55 PM	Intrusion Detection and Recovery System For Drone Signals	Ajith Dileep Huggi
03:55 PM – 04:00 PM	Automatic single row seed planter	Gayathri V
04:00 PM – 04:05 PM	Finite Element Analysis of Age-Dependent Biomechanical Behavior in Mandibular Bone: Implications for Dental Implant Longevity	Akash Mishra
04:05 PM – 04:10 PM	Enhanced LSTM-NeuralProphet Model for Share Price Forecasting	Siva A
04:10 PM – 04:15 PM	Advancements in Drought Assessment Using High-Resolution Satellite Data: A Review	Komal Dhoka

Technical Session 4B – Zoom Parallel Room -2

Time Slot	Paper Title	Author Name
02:10 PM – 02:15 PM	Deepfake Detection Using CNN and RNN Models	Brijendra Pratap Yadav
02:15 PM – 02:20 PM	Rainfall Detection Using Machine Learning Algorithms	Praveen Kumar Kurmi
02:20 PM – 02:25 PM	Diabetes Prediction using Machine Learninig	Archana Kumari

Program Schedule Day 2-Virtual (27/04/2025)

08:00 AM - 08:05 AM	Introduction by Moderator			
08:05 AM – 08:10 AM	Presentation by IFERP Representative			
08:10 AM - 08:20 AM	Speech By Keynote Speaker Harshit Kohli (Parallel Room-1)	Speech By Session Speaker Asst Prof. Dr. Paramita Sarkar (Parallel Room-2)	Speech By Session Speaker Mr. Vijaykumar Bhatia (Parallel Room-3)	Speech By Keynote Speaker Prof Dr. Chitra Kiran. N (Parallel Room-4)
08:20 AM - 10:05 AM	Technical Session 1A	Technical Session 1B	Technical Session 1C	Technical Session 1D
10:05 AM – 10:20 AM	Networking Break			
10:20 AM – 12:00 PM	Technical Session 2A	Technical Session 2B	Technical Session 2C	Technical Session 2D
12:00 PM – 12:15 PM	Networking Break			
12:15 PM – 01:55 PM	Technical Session 3A	Technical Session 3B	Technical Session 3C	Technical Session 3D
01:55 PM – 02:00 PM	Valedictory Function			
02:00 PM – 02:05 PM	Vote of Thanks			

Technical Session 1A – Zoom Parallel Room-1

Time Slot	Paper Title	Author Name
08:20 AM – 08:25 AM	Comparative Evaluation of Battery Technologies for Electric Vehicle Applications	SIVA KUMARI PALLA
08:25 AM – 08:30 AM	Development of Web based Spatial Decision Support System (SDSS) for Flood Assessment in Lakhimpur District, Assam	Gnaneshwara M P
08:30 AM – 08:35 AM	CryptoVoting blockchain based evoting system	Shiwangini Kumari
08:35 AM – 08:40 AM	AI POWERED SPEECH-TO-TEXT AND TEXT-TO-SIGN TRANSLATION	INDURI RAMANA REDDY
08:40 AM – 08:45 AM	CREDIT CARD FRAUD DETECTION THROUGH TIME – AWARE BEHAVIORAL REPRESENTATION LEARNING	Pathan Azemunnisa
08:45 AM – 08:50 AM	Advancing Real-Time Facial Expression Recognition through Deep Learning	Anshika Agarwal
08:50 AM – 08:55 AM	CAR GEEK: AUTOMATED VEHICLE COST FORECASTING USING MACHINE LEARNING	Sachin Gangwar
08:55 AM – 09:00 AM	Optimized Multiclass Image Classification using SVM for high Performance	Vinodhini R
09:00 AM – 09:05 AM	Smart Study	Sandeep Ranjan
09:05 AM – 09:10 AM	Enhancing Breast Cancer Diagnosis Using Modality-Specific Information Disentanglement from MRI	Mahera Shaik

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Technical Session 1A – Zoom Parallel Room-1

Time Slot	Paper Title	Author Name
09:10 AM – 09:15 AM	Graph Neural Networks for Financial Fraud Detection in Online Transactions	Sowjanya Sajja
09:15 AM – 09:20 AM	Renewable Energy Powered Vacuum Cleaner	Jayraj Chavan
09:20 AM – 09:25 AM	Fraud Detection in Banking Data Using Cyber Security Techniques, AI \& ML	Zeenat Zahra
09:25 AM – 09:30 AM	IOT BASED FARM IRRIGATION SYSTEM	PIYOOSH AWTHARE
09:30 AM – 09:35 AM	Fake News Detection Integrated With Multilingual Support	Abhimanyu Singh
09:35 AM – 09:40 AM	Enhancing WhatsApp Chat Intelligence through Real-Time Extension-based AI Analysis	Nishant Srivastava
09:40 AM – 09:45 AM	Question Answering System Using NLP	Deepak Pandey
09:45 AM – 09:50 AM	Secure Home A Privacy preserving data aggregation framework for wireless sensor network in home automation	Ashish V
09:50 AM – 09:55 AM	Restaurant Management	Soumil
09:55 AM – 10:00 AM	QAS(Question Answering System) Using Deep Learning on Contextual Context	Jigyashu Kumar

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Technical Session 1B – Zoom Parallel Room - 2

Time Slot	Paper Title	Author Name
08:20 AM – 08:25 AM	WORLD BILLIONAIRE ANALYSIS: Using Linear Regression	Pradyumna
08:25 AM – 08:30 AM	Nest Finder Where Home Mests Convenience	Patnana Vijay Kumar
08:30 AM – 08:35 AM	Integrated System for Quality Assessment Based on Texture, Health and Ripeness Evaluation for Mangoes	Nandyala Dasaratha Reddy
08:35 AM – 08:40 AM	Deep Learning-Based Lane Detection for Autonomous Vehicles	Sudheer Nidamanuri
08:40 AM – 08:45 AM	Magnifying The Farming Data Set To Embed Conceptualized Techniques Into Soybean Farming	VIVEK GUPTA
08:45 AM – 08:50 AM	Hate Speech Detection Model	Anika Srivastava
08:50 AM – 08:55 AM	Yoga Pose Detection Using Swin Transformer	Anupriya Pal
08:55 AM – 09:00 AM	Integrating Lightweight Cryptography (LWC) in MapReduce Framework to Secure HDFS Data: MR-LEA (MapReduce Lightweight Encryption Algorithm)	Shivani awasthi
09:00 AM – 09:05 AM	Enhanced Human Age and Gender Prediction using Machine Learning	B. Ganesh Reddy
09:05 AM – 09:10 AM	An AI Powered Mobile Application for Early Skin Cancer Detection	Hitesh Rupani

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Technical Session 1B – Zoom Parallel Room - 2

Time Slot	Paper Title	Author Name
09:10 AM – 09:15 AM	An Advanced Vision-Driven Gesture Interface for Seamless Human-Computer Interaction Using Computer Vision and Machine Learning	Aditya Kumar
09:15 AM – 09:20 AM	USING MACHINE LEARNING TO DETECT EPILEPTIC SEIZURES IN EEG SINGNALS	Khushi Sharma
09:20 AM – 09:25 AM	Heart disease prediction using machine learning	Suryansh
09:25 AM – 09:30 AM	Blockchain Based EVoting System	Aayushi Pandey
09:30 AM – 09:35 AM	Sign Language Recognition Using Deep Learning	Pranav Tripathi
09:35 AM – 09:40 AM	A COMPREHENSIVE SURVEY: EVALUATING THE EFFICIENCY OF AI &ML TECHNIQUES ON CYBER SECURITY SOLUTIONS	Ramesh B E
09:40 AM – 09:45 AM	AI Driven Driver Behavior Monitoring System	Tanuj Kumar
09:45 AM – 09:50 AM	Developing an effective text summerizer using Natural language processing techniques	Aashutosh Shah
09:50 AM – 09:55 AM	Enhanced Smart Irrigation System Using LSTM Neural Networks for Improved Agricultural Management	Gurjas Kaur
09:55 AM – 10:00 AM	Full stack web development using machine learning Integration	A.Akshay kumar

Technical Session-1C
27/04/2025 – Virtual
Zoom Parallel Room - 3

Technical Session 1C – Zoom Parallel Room - 3

Time Slot	Paper Title	Author Name
08:20 AM – 08:25 AM	Artificial Intelligence Search Engine using NLP and Cloud	Aditya Sharma
08:25 AM – 08:30 AM	Diabetes Disease Prediction using Machine Learning	Swati Kumari
08:30 AM – 08:35 AM	Hate speech detection using ALBERT+CNN algorithm	Prem Bhut
08:35 AM – 08:40 AM	Optimizing home environment safety- IOT based Freon gas detection and automation	Harshitha M
08:40 AM – 08:45 AM	Leaf classification using various machine learning Algorithm	YAMINI THAKUR
08:45 AM – 08:50 AM	COCO Human Parts: Instance-Level Detection and Hierarchical Relationships	T.Srihari
08:50 AM – 08:55 AM	Gesture Based Interaction Using Computer Vision and Python	Yash Vardhan
08:55 AM – 09:00 AM	Quantum secure email client appliaction	Rasiha S
09:00 AM – 09:05 AM	REAL-TIME SIGN LANGUAGE DETECTION SYSTEM USING MACHINE LEARNING	Jalaj Baghwala
09:05 AM – 09:10 AM	Beyond the Algorithm: Deep Learning as a Service and the Future of AI in the Cloud	Aniket Kumar

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Technical Session 1C – Zoom Parallel Room - 3

Time Slot	Paper Title	Author Name
09:10 AM – 09:15 AM	Adaptive Cost Optimization in Cloud Computing Using Multi-Agent Reinforcement Learning	Kanishk Gupta
09:15 AM – 09:20 AM	A hybrid approach integrating Flow Matching, GAN Restoration, and Cryptographic Security to enhance QR Code Generation and Protection	Kaamya Sarda
09:20 AM – 09:25 AM	Real-Time Traffic Monitoring System Using YOLO	Piyush Chauhan
09:25 AM – 09:30 AM	BRAIN TUMOUR Classification using Deep learning Neural Network	Aman kaushik
09:30 AM – 09:35 AM	A Proposal to Integrate Interactive Simulations, Symbols & Interface into Language & Beyond for Teaching Effectively to First-Year Engineering Students in India	Dr Rochna Roy
09:35 AM – 09:40 AM	Wildfire Prediction using HQCNN: Enhanced Performance over Standard CNN and Vision Transformer Models	shreyansh malviya
09:40 AM – 09:45 AM	Helment Ditection using AI	Abhishek Kumar Rai
09:45 AM – 09:50 AM	Python-Based Forecasting and Visualization for Construction Project Monitoring and Reporting	Donme M Sangma
09:50 AM – 09:55 AM	Innovative Approach to Alzheimer Disease Detection	Akshit Mittal
09:55 AM – 10:00 AM	Email &SMS Spam Detection	Ankit Raj

Technical Session 1D – Zoom Parallel Room - 4

Time Slot	Paper Title	Author Name
08:20 AM – 08:25 AM	Machine Learning-Driven Approach for Accurate Sleep Disorder Classification	DR.P.VELMURUGADA SS
08:25 AM – 08:30 AM	Enhancing Continuity of Care: A Blockchain-Based Solution for Decentralized Medical Record and Billing Management	Aditya Prakash
08:30 AM – 08:35 AM	Chronic Kidney Disease Prediction using Transformers And QCNN	Aditi
08:35 AM – 08:40 AM	Brian Tumor Detection using Advanced CNN Architecture (Resnet50)	Abhinav sharma
08:40 AM – 08:45 AM	Super Cipher Cryptographic for Communication System	Abhishek Pandey
08:45 AM – 08:50 AM	NeuroMol-X: AI-Driven, GPU-Accelerated Cloud Platform for Real Time Molecular Simulation, Collaborative Cheminformatics, & Precision Drug Discovery	Bipul Kumar Mishra
08:50 AM – 08:55 AM	Decentralized trust frame work for transparent and secure electoral processes using Block chain.	D.Himavanth
08:55 AM – 09:00 AM	An AI based Hand Gesture and Voice Controlled System for Physically Disabled Person	Deepanshu Singh
09:00 AM – 09:05 AM	"USER ADOPTION AND CONTINOUS INTENTON OF QUICK COMMERCE APPS: EVIDENCE FROM INDIA"	Shubham Kumar
09:05 AM – 09:10 AM	ANALYSIS OF PUBLIC OPINION SENTIMENTS TOWARDS THE IMPLEMENTATION OF ANTHROPOMORPHIC DESIGN CUES IN E-COMMERCE CHATBOTS USING THE LEXICON METHOD	Muhammad Fajar Karuniawan

Technical Session 1D – Zoom Parallel Room - 4

Time Slot	Paper Title	Author Name
09:10 AM – 09:15 AM	Design and Analysis of an Efficient Approach for IoT architecture to Achieve Self-adaptiveness	Mohammad Hashir
09:15 AM – 09:20 AM	Effective Dashboard Implementation Design with PowerBI	Shobha
09:20 AM – 09:25 AM	HeartShield AI: Advanced Machine Learning for Accurate & Early Heart Disease Prediction	Siddhant Singh
09:25 AM – 09:30 AM	Text simplification for education using reinforcement learning	Sravan Kumar Paidi
09:30 AM – 09:35 AM	Chatbot with Wikipedia Using Large Language Models	mukesh
09:35 AM – 09:40 AM	Boundary and Shadowing Effects in UWSNs: A Hybrid Machine Learning Approach	Simran Nayan
09:40 AM – 09:45 AM	Exploring the future: Enhancing travel experiences with AI Chat-bot	Sneha Saxena
09:45 AM – 09:50 AM	Palisade - Prompt Injection Detection Framework	Sahasra Kokkula
09:50 AM – 09:55 AM	Cyber Threat Types and Removal Techniques	Rohan Raizada
09:55 AM – 10:00 AM	A REVIEW PAPER ON THE IMPORTANCE AND ADAPTABILITY OF BUILDING INFORMATION MODELLING (BIM) FOR CONSTRUCTION PROJECTS IN INDIA.	Pratik Anant Harshvardhan

Technical Session 2A – Zoom Parallel Room-1

Time Slot	Paper Title	Author Name
10:20 AM - 10:25 AM	Optimizing performance of Machine Learning Algorithms for Diabetes Detection using Osprey Optimizer Algorithm	Prathamesh Kshirsagar
10:25 AM - 10:30 AM	Image to Caption Generator using Machine Learning	Abhiraj Singh Sengar
10:30 AM - 10:35 AM	Smart Diagnostics: Leveraging Machine Learning For Precise Diabetes Risk	Chandra Prakash
10:35 AM - 10:40 AM	Epileptic Seizure Prediction using Multi-Channel Vision Transformer	Chandan Kumar
10:40 AM - 10:45 AM	Movie Recommendation System Using Content Based Filtering And Cosine Similarity	Saurav Kumar
10:45 AM - 10:50 AM	Time Series Data Compression for Industrial Data	Prarthana P Bhat
10:50 AM - 10:55 AM	Email Spam Detection Using ML Algorithms	Tushar Pandey
10:55 AM - 11:00 AM	EduflexAI:AI-Powered Learning & Networking Hub	Tanya Tiwari
11:00 AM - 11:05 AM	Hands free virtual mouse with gesture eye and speech recognition	Pamidi Sathish
11:05 AM - 11:10 AM	Design and implementation of low Noise Amplifier for Ultra Wideband Applications	Prasanakumar M

Technical Session 2A – Zoom Parallel Room-1

Time Slot	Paper Title	Author Name
11:10 AM - 11:15 AM	Innovative Dual Axis Solar Tracker for Enhanced Energy Harvesting: Design, Implementation, and Performance Analysis	Abhijeet Rajendra Pawar
11:15 AM - 11:20 AM	Detection of Counterfeit Products by Blockchain	Anas Ahmad
11:20 AM - 11:25 AM	Real-Time Testing of Arterial Stiffness Detection Using Pulse Wave Velocity and Framingham-Based Cardiovascular Risk Assessment	Uma Harshini D.C
11:25 AM - 11:30 AM	AI Chat Bot For Mental Health Support	Ankur Kumar
11:30 AM - 11:35 AM	Automatic Helmet Recognition and Number plate Identification Using CNN	G Suryakala Eswari
11:35 AM - 11:40 AM	Bio-Based Wax Coating for Anti-Fouling Applications: Integrating Biopolymers and Nano Additives with Natural Plant Waxes" Topic	Sushmitaa N
11:40 AM - 11:45 AM	DEEP LEARNING FOR NOISE REDUCTION IN AUDIO USING WAVEUNET MODEL	YENDURU LIKITH SAI NAGA RATNA MANIKANTA
11:45 AM - 11:50 AM	NEXT GEN IOT ENHANCED ATTENDANCE SYSTEM	Siya Singh
11:50 AM - 11:55 AM	Gas Presence Analysis in Transformer Oil Using Microcontroller	Pratik Navanath Pawar
11:55 AM - 12:00 PM	Contactless Wash Basin Gadget Using IOT	Rajeshwari K M

Technical Session-2B
27/04/2025 – Virtual
Zoom Parallel Room - 2

Technical Session 2B – Zoom Parallel Room-2

Time Slot	Paper Title	Author Name
10:20 AM - 10:25 AM	VEHICLE ACCIDENT DETECTION AND ALERT SYSTEM USING ARDUINO UNO	Sakshi Lembhe
10:25 AM - 10:30 AM	Prediction of Stock Prices using LSTM model and comparison with ML algorithms	Aman Singh
10:30 AM - 10:35 AM	Multimodal Breast Cancer Detection using Ensemble Learning	Anusha C
10:35 AM - 10:40 AM	Sentimental Analysis	Rubal
10:40 AM - 10:45 AM	Finding Dark patterns	Prashant Singh
10:45 AM - 10:50 AM	Blockchain-Integrated Deep Learning Framework for Secure and Decentralized Pneumonia Diagnosis Using Chest Radiographs	Manaswita Verma
10:50 AM - 10:55 AM	Accessible E-Learning Platform for Inclusive Education: Enhancing Student-Centric Learning through Universal Design	Jasleen Kaur
10:55 AM - 11:00 AM	Evaluating Machine Learning Models For Optimal Credit Card Fraud Detection	Avitansh Pilania
11:00 AM - 11:05 AM	Recipe Recommendation Engine	Ch Sravanthi Sowdanya
11:05 AM - 11:10 AM	Experimental and Computational Analysis of Banana-Carbon Fiber-Reinforced Nano ZnO-Epoxy Composites	Tamanna Mann

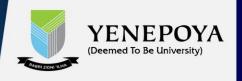## Technical Session 2B – Zoom Parallel Room-2

Time Slot	Paper Title	Author Name
11:10 AM - 11:15 AM	Identification of Degraded Printed Scripts in Hindi and Sanskrit A review	Lavanya Sharma
11:15 AM - 11:20 AM	WhatsApp chat analyzer using AI	Dipansh sharma
11:20 AM - 11:25 AM	The Role of Generative AI and Deep Learning in Next-Generation IoT Systems	Vaibhav Thakare
11:25 AM - 11:30 AM	Recent trends in Rotary Kiln and Refractory Material Patterns in Cement Production: a review approach	Mr Suhas R Padawe
11:30 AM - 11:35 AM	A Comparative Analysis of ANN and P&O MPPT Techniques in PMSG-Based WECS	K LAKSHMI REDDY
11:35 AM - 11:40 AM	Medical Doamin Specific Information Retrieval Using RAG	S Yoganandh
11:40 AM - 11:45 AM	stock price prediction using machine learning	Priya Tiwari
11:45 AM - 11:50 AM	A Research Paper on Identifying Credit Card Fraud	SURAJ RAJ
11:50 AM - 11:55 AM	Wanderlust	Amit kumar
11:55 AM - 12:00 PM	XRD AND SEM ANALYIS OF GROUND GRANULATED BLAST FURNACE SLAG -GGBFS AND COAL BOTTOM ASH AS A GREEN ALTERNATIVE IN MORTAR	snehal bawane

Technical Session 2C – Zoom Parallel Room-3

Time Slot	Paper Title	Author Name
10:20 AM - 10:25 AM	Analyzing Public Sentiment and Thematic Trends in Metaverse Token Reviews Using ML and Micro Interlocutor Analysis	Om Pandey
10:25 AM - 10:30 AM	Economic impact analysis through YouTube trends	NITISH KUMAR
10:30 AM - 10:35 AM	Exploring discrepancies in Online Hotel Bookings: Impact on Customer Satisfaction and Revisit Intentions in Tier 2 and Tier 3 Cities of India	Sankalp Jha
10:35 AM - 10:40 AM	Transformer Theft Protection and Maintenance Monitoring System	Roshan Sarjerao Shinde
10:40 AM - 10:45 AM	Classification and Detailed Uses of Indian Medicinal Leaves Using Deep Learning.	Dr G Prasanna Priya
10:45 AM - 10:50 AM	Twitter Bot Detection using XGBoost Ensemble Method	Gogineni Hima Bindu
10:50 AM - 10:55 AM	Attendance Management Device With Face Recognition	Adnaan Momin
10:55 AM - 11:00 AM	Characteristic Study and Mechanical Properties of Reactive Powder Concrete by Using EMMA Software	Rajalakshmi S
11:00 AM - 11:05 AM	Comparative Analysis of ANN, RNN, and GRU for Online Payment Fraud Detection	Aayush Gupta
11:05 AM - 11:10 AM	Enhancing Lunar Surface Imagery from Chandrayaan Missions using Super-Resolution Techniques	Kirtimaan Singh

Technical Session 2C – Zoom Parallel Room-3

Time Slot	Paper Title	Author Name
11:10 AM - 11:15 AM	Model-Driven Software Engineering: Automated model-based development	Ayush Joshi
11:15 AM - 11:20 AM	XAI HEART DISEASE PREDICTION	VAIBHAV
11:20 AM - 11:25 AM	Health Harbinger : An Offline AI for First-Aid and Disease Symptoms Analysis	Abhinav V
11:25 AM - 11:30 AM	Optimization of Friction Stir Processing Parameters for Aluminium Alloy 6061 with Chromium Particles	SHAVIST KUMAR
11:30 AM - 11:35 AM	"Emerging Trends in Plant Disease Detection: A Survey on Machine Learning and Deep Learning Applications"	ZAKEEYA NAGUR
11:35 AM - 11:40 AM	Diabetes prediction using Machine Learning	Anjali Kumari
11:40 AM - 11:45 AM	Application of regenerative braking system in power generation at low level	Gyanesh Singh
11:45 AM - 11:50 AM	Multi-Model CNN Ensemble for Classifying Knee Osteoarthritis Severity Levels Using X-ray Imaging	Lalam Sravani
11:50 AM - 11:55 AM	Design and Development of Enzymatic Fuel Cell	Sumit Chavan
11:55 AM - 12:00 PM	Progressive Encryption Framework for Low-Latency Healthcare Sensor Data Protection	Vaishali Patel

Technical Session-2D
27/04/2025 – Virtual
Zoom Parallel Room - 4

Technical Session 2D – Zoom Parallel Room-4

Time Slot	Paper Title	Author Name
10:20 AM - 10:25 AM	Marine Pollution and Control Technique	Agalya K
10:25 AM - 10:30 AM	Physical and Structural Characterization of Zinc Alkali Strontium Borate Glasses	Supreet Pal Singh
10:30 AM - 10:35 AM	Next-Generation Firewalls: Evolution, Comparative Insights, and AI-Driven Adaptive Cyber Defence	Surender Singh
10:35 AM - 10:40 AM	Earthquake-Induced Landslides Prediction using hybrid Deep Learning techniques	Rananki Padmasri
10:40 AM - 10:45 AM	IDENTIFICATION OF ENCRYPTION ALGORITHMS USING DEEP LEARNING TECHNIQUES	Gurajapu Chaitanya Deepika
10:45 AM - 10:50 AM	ANALYZING FACTORS AFFECTING THE VIEWER FAVORITISM TOWARDS INDIAN PREMIER LEAGUE TEAM	Vikash Dubey
10:50 AM - 10:55 AM	Smart Home Integration Web Application	Devesh Kumar
10:55 AM - 11:00 AM	Optimized Grid-Based Topology Control in Supernode-Driven Wireless Sensor Networks	Shweta Malwe
11:00 AM - 11:05 AM	Studies on viability of Tea waste as a sustainable resource for caffeine extraction.	Ronit Singh
11:05 AM - 11:10 AM	Water Quality and Disease Prediction System for Aquaculture	B. DHANALAKSHMI

Technical Session 2D – Zoom Parallel Room-4

Time Slot	Paper Title	Author Name
11:10 AM - 11:15 AM	MULTIPLE DISEASE PREDICTION BASED ON USER SYMPTOMS USING ML & DL	Murry Swathi
11:15 AM - 11:20 AM	Multi-Lingual Text Summarizer Using Generative AI	Apoorv Maurya
11:20 AM - 11:25 AM	Diabetic Retinopathy Classification and Detection Using Coloured Images with Deep Learning Inspired Framework	Ankur Jaiswal
11:25 AM - 11:30 AM	Effect of Alkali Treatment on the Mechanical Properties of PALF/Coir Epoxy Hybrid Composites	Utsav Modi
11:30 AM - 11:35 AM	Deep Learning-Based Detection and Classification of Cardiac Arrhythmias Using PPG Signals with GUI Integration	Niranjana V
11:35 AM - 11:40 AM	The removal of phenol with the help of alumina bio-adsorbent for waste water treatment	ANDRIAMBAHINY Ranto Ny Aina
11:40 AM - 11:45 AM	Computational insights into process optimization for green hydrogen production via electrolysis: A MATLAB-based mini review	Ashutosh Sharma
11:45 AM - 11:50 AM	Enhanced Photocatalytic Degradation of Rhodamine B using Titanium-Zirconium Composite Catalyst: Synthesis, Characterization, and Process Optimization	Mitesh Vadgama
11:50 AM - 11:55 AM	AI Conversational Experience for Automobile buyers to choose right choice of car that suits their needs	Khathijath Fariha S
11:55 AM - 12:00 PM	AUTOMATIC PREDICTION IN DETECTION OF BRAIN TUMORS THROUGH USING MACHINE LEARNING AND DEEP LEARNING: MRI METHODOLOGY	Rajalakshmi K

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Technical Session 3A – Zoom Parallel Room-1

Time Slot	Paper Title	Author Name
12:15 PM – 12:20 PM	DEEPSHRIMP: EARLY AND PRECISE DISEASE DETECTION AND ANALYSIS IN SHRIMP FARMING	SOBITHA
12:20 PM – 12:25 PM	Efficient adsorption of methylene blue using a porous metal-oxide adsorbent derived from spent lithium-ion batteries	Yagnesh Solanki
12:25 PM – 12:30 PM	Nanoengineered Electrodes for Enhanced Microbial Fuel Cell Performance	Div Patel
12:30 PM – 12:35 PM	A Novel Wormhole Attack Analysis and Countermeasures in MANET	Surender Singh
12:35 PM – 12:40 PM	OBSCURA - Unified Threat Detection - Using SIEM Integration with pfSense, Suricata,Kibana, and Grafana	Khathijath Fariha S
12:40 PM – 12:45 PM	AI-Enhanced Smart Traffic Light System for Real-Time Ambulance and Accident Detection	Dijendra Sai Sri Bharath Mandali
12:45 PM – 12:50 PM	Prevent Accidents with Intelligent Fatigue Detection Using DLib and OpenCV	Pratham Chauhan
12:50 PM – 12:55 PM	Sign Language Generation Using YOLOv5	Gochipatha Naveen
12:55 PM – 01:00 PM	DFT Investigation on Double Transition Metal MXenes	Dr Sandeep Kaur
01:00 PM – 01:05 PM	Imaging System for Balcony Safety: A Computer Vision Approach	Manas Gupta

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Technical Session 3A – Zoom Parallel Room-1

Time Slot	Paper Title	Author Name
01:05 PM – 01:10 PM	AI-Driven Adaptive Traffic Management System for Smart Cities using Real-Time Surveillance and Geospatial Intelligence	HARSHITHA J
01:10 PM – 01:15 PM	Bridging Banks: A Secure Integration Model for Modern Financial Services	Mohd.Ammar Nusrat
01:15 PM – 01:20 PM	Iot Base Smart Framework To Predict Air Quality Using KNN Imputation Model	Diwakar Prajapati
01:20 PM – 01:25 PM	FRUIT DISEASE CLASSIFICATON USING MATLAB	Sai Thanuja
01:25 PM – 01:30 PM	Smart Waste Monitor Using IOT	Sai Thanuja
01:30 PM – 01:35 PM	Battery Management System (BMS) Second-Life Framework	HARISH P
01:35 PM – 01:40 PM	The Big Bang-Big Crunch Optimization Algorithm: A Comprehensive Analysis	Sonia Bukra
01:40 PM – 01:45 PM	Unmasking Fake Accounts in Social Networks with Machine Learning and NLP Approaches	Thumula Ramya Sri
01:45 PM – 01:50 PM	End-to-End Security in Full-Stack Freelancing Platforms: From JWT Auth to Payment Gateway	Ritika Baghel
01:50 PM – 01:55 PM	Student Performance Analysis with machine learning	Hitesh Srivastava

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Technical Session 3B – Zoom Parallel Room - 2

Time Slot	Paper Title	Author Name
12:15 PM – 12:20 PM	Classification and Segmentation of Brain Tumors Using CNN Architecture	Rajan Kumar
12:20 PM – 12:25 PM	A Comprehensive Review on NO_2 Gas Treatment Technologies in Metal Refining: Transitioning Towards Safer and Cleaner Processes	Shiv Hingrajiya
12:25 PM – 12:30 PM	Sign Language Recognition Using Deep Learning	Adarsh kumar Singh
12:30 PM – 12:35 PM	SKILLX- Skill Exchange Web-based Platform	Rakesh B
12:35 PM – 12:40 PM	Classification of Skin Diseases Using CNN	Fahad Rehman
12:40 PM – 12:45 PM	Music Streaming: Navigating Identity, Privacy, and Social Dynamics in Networked Listening	Hritik kumar
12:45 PM – 12:50 PM	SECURE ARCHITECTURE IN WIRELESS BODY AREA NETWORK	Ritik Tiwari
12:50 PM – 12:55 PM	BlogHub: ReactJS, Tailwind CSS, and Vite	Vidushi Patel
12:55 PM – 01:00 PM	Multiple Disease Prediction System Using Machine Learning	Om Kumar Sharma
01:00 PM – 01:05 PM	Image Analysis Using CNN: Food Calorie Prediction	SHASHANK KUMAR

Technical Session 3B – Zoom Parallel Room - 2

Time Slot	Paper Title	Author Name
01:05 PM – 01:10 PM	Study and Design of Barcode Generator: QR Code	Milan Chaurasiya
01:10 PM – 01:15 PM	Mental Health Application	Ankur Srivastava
01:15 PM – 01:20 PM	Metro Flow Navigator – Efficient urban mobility planning with Dijkstra and A* for route optimization	Ayush Yadav
01:20 PM – 01:25 PM	Attitude and Behaviour Towards AI or Chatbot in Men Grooming Industry	Nandan pandey
01:25 PM – 01:30 PM	Automated Plant Care For Smart Gardens Using IoT	Adarsh Shivam
01:30 PM – 01:35 PM	Digital Marketplace using Python	GAURAV KUMAR NISHAD
01:35 PM – 01:40 PM	Transforming Car Rental Services: A Study on Personalization and Operational Strategies	Ankit kumar
01:40 PM – 01:45 PM	Machine Learning-Based Movie Suggestion Engine	Ayush Kumar
01:45 PM – 01:50 PM	COMPARITIVE ANALISYS OF MACHINE LEARNING MODELS	Sk. Shayaan Haque
01:50 PM – 01:55 PM	Waste Segregation using IOT and CNN object classification	Prashanth N

Technical Session 3C – Zoom Parallel Room - 3

Time Slot	Paper Title	Author Name
12:15 PM – 12:20 PM	Robotics in Smart Farming	Rahul yadav
12:20 PM – 12:25 PM	A Novel Contactless Inductive Method of Charging for Electric Vehicle	A.Arikesh
12:25 PM – 12:30 PM	Sequence-Level Malware Classification Using GPT-2 Fine-Tuned with Low-Rank Adaptation	subhameena
12:30 PM – 12:35 PM	A Comparative Study on the Efficacy of Different Plant Part's Extract of Lantana camara L. and Lantana indica L. Against Certain Gram-Positive and Gram-Negative Bacteria	Himani Guleria
12:35 PM – 12:40 PM	CAR POOLING	AMIT YADAV
12:40 PM – 12:45 PM	Conceptualization of a Carbon Nanotube Field-Effect Transistor (CNFET) Integrated-Operational Transconductance Amplifier (OTA) and its implementation into a biomedically suitable Low-Pass Filter (LPF)	Samia Bashiruddin
12:45 PM – 12:50 PM	INFLUENCE MAXIMIZATION USING GRAPH ATTENTION MODEL AND INDEPENDENT CASCADE MODEL	YOGITA CHAND
12:50 PM – 12:55 PM	Face Recognition and Sentiment Analysis using CNN	Vivek Sharma
12:55 PM – 01:00 PM	Sustainable Livestock Farming in Climate Sensitive Region	Vibhor Upadhyay
01:00 PM – 01:05 PM	AI-Powered Driver Drowsiness Detection And Lane Change Monitoring System	Indu J

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Technical Session 3C – Zoom Parallel Room - 3

Time Slot	Paper Title	Author Name
01:05 PM – 01:10 PM	Experimental Investigation on Self-Healing Concrete incorporated with nano silica for Sustainable Construction	ARRA SAITHEJA
01:10 PM – 01:15 PM	A Comprehensive Literature Review on Public Opinion from Microblogs during Elections in India	Ms Bhumika Jayantilal Patel
01:15 PM – 01:20 PM	optical character recognition	aryan saifi
01:20 PM – 01:25 PM	ChatBot using Python	sumeet kumar
01:25 PM – 01:30 PM	Pneumonia Prediction Using Machine Learning and Deep learning	Ranga Roshan
01:30 PM – 01:35 PM	A Comprehensive Framework for Load Balancing in Data Centers Utilizing CloudSim	Tushar Panwar
01:35 PM – 01:40 PM	Three Dimensional Printing Technology in Knitwear Textile Advancing Sustainable and Functional Fabrication through Flexible Polymers	Isshita Bajaj
01:40 PM – 01:45 PM	Detecting Parkinson's Disease with Voice Analysis and Machine Learning	Santosh M
01:45 PM – 01:50 PM	AI-Driven Personal Entrepreneurship Coach for Students	DHARANI PRASANNA G
01:50 PM – 01:55 PM	Predictive Models for Disease Outbreaks: Leveraging Deep Learning and Big Data for Public Health	Bhabya Rani

Technical Session-3D
27/04/2025 – Virtual
Zoom Parallel Room-4

Technical Session 3D – Zoom Parallel Room - 4

Time Slot	Paper Title	Author Name
12:15 PM – 12:20 PM	Climate-Driven Epidemic Forecasting System (CliDEF)	Gyanendar Kumar Tiwari
12:20 PM – 12:25 PM	Student Grade Prediction using Machine Learning	Akhilesh Singh Maurya
12:25 PM – 12:30 PM	Real-Time Parking Management via YOLOv8: Integrating Optimized Slot Allocation and Vehicle Positioning Validation	Vishal S
12:30 PM – 12:35 PM	CYBERGUARD: DEEP LEARNING FOR SAFER SOCIAL MEDIA	Dhanvanth Giri
12:35 PM – 12:40 PM	Lane Line Detection using Deep Learning Model	Ishan Upadhyay
12:40 PM – 12:45 PM	ENHANCING CAMPUS SURVEILLANCE: TEMPORAL SEGMENTATION FOR BEHAVIOR ANALYSIS	Ambati Venkata Nageswaramma
12:45 PM – 12:50 PM	Plant Disease Detection System Using Deep Learning	Sudhanshu Singh
12:50 PM – 12:55 PM	Facial Recognition Based Attendance System	AMAN DWIVEDI
12:55 PM – 01:00 PM	Speech to Sign Language Translator	Navin Kumar
01:00 PM – 01:05 PM	Intelligent Waste Reporting Towards Cleanliness of India on Sustainable Terms	Harsh Negi

Technical Session 3D – Zoom Parallel Room - 4

Time Slot	Paper Title	Author Name
01:05 PM – 01:10 PM	Detection of Counterfeit Products using Private Blockchain	Pushparani M K
01:10 PM – 01:15 PM	Fresh Fusion	Aaryan Tyagi
01:15 PM – 01:20 PM	BREATH EASY: A LOW-COST VENTILATOR SYSTEM WITH OXYGEN MONITORING	Smita Agrawal
01:20 PM – 01:25 PM	Exploring the Potential of Wind-Powered Roof Ventilators for Sustainable Energy Solutions	Adesh Nirmal
01:25 PM – 01:30 PM	Emerging Trends in Machining with Hybrid Nanofluids under Minimum Quantity Lubrication (MQL)	Virag A Timbadia
01:30 PM – 01:35 PM	A Novel TCN-Based Graph Neural Network for Intrusion Detection System in IoT using UNSW-NB15 Dataset	Siddhi Thorat
01:35 PM – 01:40 PM	Smart Shoals: AI-Powered Detection of Fish Shoals in Real Time	Hariraj K
01:40 PM – 01:45 PM	Digital Doppelgangers: Navigating AI-Generated Identities in the Age of Virtual Interaction	Namit Jain
01:45 PM – 01:50 PM	AI-Powered Scraping: Understanding User Queries and Extracting Web Content	Mutyalu Pilli
01:50 PM – 01:55 PM	AI-Based Parkinson's Disease Detection and Assessment: Integrating Evaluation for Enhanced Diagnosis	Manvi Pruthi