



# 14<sup>th</sup> International Conference on Recent Challenges in Engineering and Technology (ICRCET-2025)

26<sup>th</sup> & 27<sup>th</sup> April 2025 | Bangalore, India

Organized by

IFERP Academy  
(India Society)

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and Technology, India

Yenepoya University  
India

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## Keynote Speakers



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**Dr. Safeer Ahmad Arbab**

Founding director  
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**Prof. Dr Kishor Sonti**

Department of Electronics & Communication  
Sathyabama Institute of Science & Technology  
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## Keynote Speakers



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Alliance College of Engineering,  
Alliance University,  
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**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.

## Session Speakers



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**Mr. Vijaykumar Bhatia**

Managing Director  
Vijaykumar Bhatia Training  
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## Session Chairs



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## Session Chairs



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**Dr. C. Chandrasekar,**  
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Government Arts College,  
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## Session Chairs



**Dr. D. William Albert,**  
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**Dr. C. Chinna Suresh Babu**  
Associate Professor &HOD  
Department of Civil Engineering  
Sai Rajeswari Institute of  
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**Dr. T. Tritva Jyothi Kiran**  
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## Session Chairs



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**Patrick Duffy Bayuong**

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## Session Chairs



**Prof. Sonal Gulati**  
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**Dr. VERA KARLA S. CAINGLES**  
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**Sharon Gay D. Zapanta, MPSM**

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



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

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

## **Technical Session-1A**

### **26/04/2025 – Virtual**

## **Room Name-Parallel Room-1**



### Technical Session 1A – Parallel Room-1

S.NO	Paper Title	Author Name
01.	Innovative Cyber Security: Revolutionizing Threat Detection and Business Protection in the Digital Era	Dipanshu Mishra
02.	Using CNN for Handwritten Digit Recognition	Sipun Gupta
03.	Anomaly Detection in Network using Machine Learning	Arkala Uma Maheshwar Reddy
04.	Implementation of Enhanced Energy Optimization Model for Wireless Sensor Network	Balagani Vivek
05.	Design of Light Weight Machine Learning Detection System for Attack in IoT Networks	Md Abutalib Khan
06.	Enhancing Outbreak Readiness: AI-Driven Prediction and Pharmaceutical Supply Chain Optimization	Kamatchi S
07.	Data Comparison Suite: A Comprehensive Full-Stack Application for Data Integrity	N H Shrinandh
08.	AUDIO SIGNALS REPROCESSING USING DEEP LEARNING MODEL	Kirandeep Kaur
09.	A Zero-Shot Learning Approach for Classifying Plant Leaf Diseases	CH. Naga Sai Lakshmi
10.	EXPLORATORY DATA ANALYSIS OF AI JOB MARKET TRENDS USING MACHINE LEARNING	Pavan sai

### Technical Session 1A – Parallel Room-1

S.No	Paper Title	Author Name
11.	EXPLORATORY DATA ANALYSIS ON HEALTHCARE USING MACHINE LEARNING	Saketh Vangara
12.	Evaluating Machine Learning Approaches for Effective Fake News Detection	Srimannarayana Mopidevi
13.	EXPLORING THE CHALLENGES OF BIG DATA PROCESSING USING HADOOP	Kirandeep Kaur
14.	Advanced License Plate Recognition System for Smart Traffic Management and Monitoring	Venkata Sriram
15.	Analysing Depression and Quality of Life in Healthcare System By Using Machine Learning	K Mounika Sai Sri
16.	Influence of ASNM Datasets on a Hybrid Machine Learning Framework for Network Intrusion Detection	Guru Saran M
17.	Enhanced Analysis of Electronic Health Records Using Graph-Based Network Structure	Naga Thanmaie Namburu
18.	Innovative Transformations in Multimodal Content: Text, Image, Video, and Audio	Maram Lakshmi Yasaswi
19.	Enhancing Model Robustness against Adversarial Attacks using hybrid Machine Learning Approaches	Shaik Jani Ahammad
20.	Facial Emotion Recognition Using Deep Learning	Nadendla Eswar



## **Technical Session-1B**

### **26/04/2025 – Virtual**

### **Room Name- Parallel Room-2**

### Technical Session 1B – Parallel Room - 2

S.NO	Paper Title	Author Name
01.	Dual Hybrid Tree: Splitting of the Hybrid Tree	FAKHRUDDIN AMJHERAWALA
02.	Hybrid Detection Model Leveraging Autoencoders for Improved Intrusion Detection on Limited Data	Shaik Mohammad Samiullah
03.	Stochastic Fractal Search-Driven Optimization for Advanced Speech Emotion Recognition Frameworks	Arudra.Venkata Rao
04.	Automated Diabetic Retinopathy Grading Using Graph Neural Networks for Enhanced Feature Relationship Analysis in Retinal Images	Konduri Srinivasarao
05.	Enhancing Text Classification in EHRs with Adaptive Context-Aware Heterogeneous Graph Attention Networks	M. Rama Krishna Koushik
06.	Enhanced Deep Learning for Diabetic Retinopathy Detection with Optimized Feature Extraction	P.Durga Prasad
07.	EHR-HGCN: A Transformer-Augmented Heterogeneous Graph Convolutional Network for Enhanced Text Classification in Healthcare	Shaik Hafeeza
08.	Enhancing Real-Time Malware Detection and Mitigation Using Behavioral Analysis and Machine Learning	K Abhinav Gupta
09.	Enhanced Image Translation with PixelShuffler and Self-Attention GANs	K.Pavan Kumar
10.	Adaptive Context-Aware Framework for Mammography Projection Reconstruction Using Dynamic Deep Learning Architectures	V. Anil



### Technical Session 1B – Parallel Room-2

S.No	Paper Title	Author Name
11.	Automated Renal Tumor Segmentation in CT Imaging Using Advanced Machine Learning Techniques	Akbar Nagani
12.	Enhanced Shoreline Detection Using Sub-Pixel Segmentation and Image Classification: A Case Study in Coastal Monitoring	Rugwesh Kolekar
13.	Optimizing Retrieval in Question Answering Systems on COVID-19 Literature: Impact of Similarity Functions and Chunking Strategies	Mayurkumar H. Marolia
14.	Automating Kidney Stone Detection with Deep Learning and CNN Models	Mahesh S
15.	A Review of Optimization of Floorplanning Based on Machine Learning Algorithms in VLSI	m sameena
16.	Intelligent Traffic Management System: An Advanced Solution for Helmet Compliance, Traffic Signal Violation Detection, Cell Phone Usage Tracking	Battagiri Venkata Sai Nilesh Reddy
17.	MACHINE LEARNING REPORT FOR VEHICLE ACCIDENT DETECTION AND ALERT SYSTEM	RAKUDITI SATHWIK
18.	COMPREHENSIVE ONLINE FOOD ORDERING AND INTEGRATED STOCK MANAGEMENT SYSTEM	Bandarupalli Sri Sai Lokesh
19.	Safe Hazmat Management System	Tejas Kale, Aniket Kittur, Yash Kawade
20.	Blockchain-driven multi-factor authentication for identity and access management, utilizing QR codes	Nuka Charan Dev Reddy

## **Technical Session-1C**

### **26/04/2025 – Virtual**

### **Room Name-Parallel Room-3**

### Technical Session 1C – Parallel Room-3

S.NO	Paper Title	Author Name
01.	Unlocking the Potential of IoT for Advancing Smart Cities in India: Opportunities, Challenges, and Future Directions	Maya Mohan
02.	AgroSense ML powered solutions for sustainable agriculture	Poonam Pangarkar
03.	Flip Flop Data Concealer	Guntaka Venkata Sai Chenna Reddy Garapati ram Chowdary
04.	Streamlining College Canteen Operations with a Digital Token System	GOKULA KRISHNAN S
05.	CropSync: AI-Driven Blockchain Solution for Smart Farming	Harsha Zope
06.	Fashion in the Age of Immersion: Exploring the Potential of AR, VR & CGI	Maahi Shrivastava
07.	Digital Deception: A Study of Deepfake Impact on Media Consumption	Mahambrey Asmita Ashish
08.	AI-Driven Smart Framework for Real-Time Pollution Monitoring and Restoration of the Yamuna River	Meduri Sridhar Sarma
09.	PERSONALIZED HEALTHCARE DECISION SUPPORT SYSTEM	Karthikeyan G
10.	Next Generation Course Material Management System and Intelligent Assistance System	HARISH P S



### Technical Session 1C – Parallel Room-3

S.No	Paper Title	Author Name
11.	Opinion Mining From Traveler Comment	Keerthiga E
12.	Enhancing Base Large Language Model Using Knowledge Graphs For Genomic Annotation	Pranav Desai
13.	low latency LFSR with based hybride model state extension	sharmila.m
14.	Dash Sylvereye: Enhancing Visualization of Complex Street Networks Using Python	k.sitamma
15.	Speaker Relevance Analyser: Evaluating Speaker's Discourse	Gayathri Manoj
16.	Beyond The Hype: The Practical One-Shot Performance Analysis Between DeepSeek V3, ChatGPT 4o and Claude 3.5 Sonnet	Vinay Shaileshkumar Adatiya
17.	Microbial Fuel Cells (MFCs) in the treatment of automotive wastewater	Ny Hafaliana Koloina HERINIAINA
18.	CAMPUS SHIELD: VIOLENCE DETECTION AND ALERT SYSTEM IN COLLEGES	Karthiga P
19.	CRIME DETECTION AND MONITORING SYSTEM USING DEEP LEARNING TECHNIQUES	Karishma G R
20.	E-Voting System Using zk-Rollups	Deepakharshan S

## **Technical Session-1D**

### **26/04/2025 – Virtual**

### **Room Name-Parallel Room-4**

### Technical Session 1D – Parallel Room-4

S.NO	Paper Title	Author Name
01.	Forecasting Stock Market Prices Using Machine Learning and Deep Learning	Anil Kumar
02.	Buy Now Pay Later Solutions for Cloud Services	Rushab
03.	Brain MRI Image Tumor Detection and Classification Technique Using EfficientNetB0	Datta Sai Surya Kommuru
04.	Latest Trends of Machine Learning Methods for Speech Pattern Recognition and Voice Signal Processing	Deepak Kumar
05.	Diabetes Prediction Using Machine Learning Techniques	srinivasa reddy
06.	Advancing Lung Cancer Diagnosis: A Hybrid Transfer Learning Approach	Kothari Lakshmi Kasturi
07.	Explainable AI in IVF: Enhancing Transparency and Efficiency in Fertility Treatment	Chirag Darji
08.	Assessing the Viability of Proof-of-Driving as a Consensus Mechanism for Trust Management in Vehicular Ad Hoc Networks (VANETs)	SURJYA KANTA DAIMARY
09.	Student-Driven Online Learning: Transforming Education for the Future	Jagin M. Patel
10.	Machine Learning-Based Load Balancing in Cloud Computing	Alla Pranav Sai Reddy



### Technical Session 1D – Parallel Room-4

S.No	Paper Title	Author Name
11.	A GLOBAL PERSPECTIVE OF GENERATIVE AI IN EDUCATION	Dr S Sasikala
12.	Wireless Patient Monitoring System Using GSM	Anushka Singh
13.	SMARTGUARD SENITEL PRO: Advanced theft Prevention for retail environment	Mrunali Shinde
14.	Maximizing Profits in Active Networks through GEPSO-Based DG Placement with Emission Penalties	Sapna Ladwal
15.	Investigation of Soil Quality in the Surrounding Region of Thermal Power Plants	AKASH KALEY
16.	Harmonic Reduction in Eleven level Multilevel Inverter using Level Shifted-Pulse Width Modulation Technique	Parul Gaur
17.	Optimizing Cooling tower performance: PID control for pH regulation using Bio-inspired algorithms	Lakshana S
18.	GALLBLADDER STONE DETECTION USING AI-ENHANCED ULTRASOUND AND SELF-SUPERVISED LEARNING	Varthini CN
19.	Design and Implementation of Deep Convolutional Neural Network (DCNN) model for Diagnosis of Lung Cancer	Karpaga Selvi Subramanian
20.	Design of Automatic Braking System to Control Speed Variations for ADAS	Rajeshwari K

## **Technical Session-2A**

### **26/04/2025 – Virtual**

## **Room Name-Parallel Room-1**

### Technical Session 2A – Parallel Room-1

S.NO	Paper Title	Author Name
01.	AI-CRAFTED DIET AND FITNESS FOR DISEASES USING MACHINE LEARNING	Preethi
02.	Integrating OCR and Machine Learning for Cyberbullying Detection: A Severity-Based Approach with Automated Reporting and Legal Framework Compliance	Shivani TJ
03.	Blockchain Based Digital Forensics Framework Integrated with Machine Learning: Review Paper	Naresh S
04.	Soil Moisture Sensing Techniques using IoT and Machine Learning: A Review	Vitista Tyagi
05.	Oryza Sativa Leaf Disease Detection Using Neural Networks with Multilingual Recommendations	Ms GAYATHRI B
06.	Prevention And Recommendation Of Tomato Leaf Disease Using Deep Learning	SUTHA M
07.	MOST EFFECTIVE METHOD FOR DATA PRIVACY AND PROTECTION IN WINDOWS: THE SIMPLEST AND SAFEST METHOD	PRATHAM MOHAN PAWAR
08.	A Comprehensive Financial Management Application	B Eswar Chand
09.	Closed-Loop Active Control Method for Suppression of Thermo-Acoustic Instability with ML Application	Disha Patil
10.	Evaluating Domain-Specific and General-Purpose Large Language Models for Question Answering on COVID-19 Literature	Mayurkumar H Marolia



### Technical Session 2A – Parallel Room-1

S.No	Paper Title	Author Name
11.	Bridging Communication Barriers with CNN-LSTM: A Smart Indian Sign Language Learning and Translation Model	Samarth M N
12.	Chatbot-Integrated Deep Learning Platform for Skin Disease Detection and Treatment Guidance	Krishna Priya R
13.	Gender-Based Emotion Classification Using EEG Signals	DIBYA THAPA
14.	ENHANCING EARLY DETECTION OF CHRONIC KIDNEY DISEASE THROUGH MACHINE LEARNING TECHNIQUES	Chaganti Lakshmi Pranitha
15.	A Review on Predictive maintenance of Machine Using Machine Learning	Rishi Lanjewar
16.	AI-Driven Analysis of Neuroimages for Stroke Detection	Dr Vidyashree K P
17.	Optimizing KPI Placement in Dashboards Using UI Heatmaps and User Attention Analytics	Vaishnavi Shantharamu
18.	Quantum-Enhanced Secure Image and File Sharing DES & 2FA	Channakeshava v
19.	Personalized Health Diagnosis and Care Assistant A Machine Learning Approach	P.VELMURUGADASS
20.	A Semi-Supervised Deep Learning Model with a Teacher-Student Framework for Change Detection in Hyperspectral Imagery	Indira Bidari

## **Technical Session-2B**

### **26/04/2025 – Virtual**

### **Room Name- Parallel Room - 2**

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

S.NO	Paper Title	Author Name
01.	A Comprehensive Survey on Bee inspired Metaheuristics and Their Application in the Image Segmentation Field	Nima Lamu Tamang
02.	Cognitive Computing-Based COVID-19 Detection in Multi-Access Edge Computing Environment	RAM BHUPAL MESHINENI
03.	Advanced Deepfake Detection using ResNeXt and LSTM for a Trusted Digital World	Karthik R
04.	Optimisation of crop suitability using Deep learning algorithms	Roshini T
05.	Optimized IoT-Driven Remote Health Monitoring System with Self-Guided Latent Diffusion and Score-Based Graph Generative Modeling	Dr Md Asif
06.	A VR approach to Space Exploration Using Unity	Shefali Jain
07.	Anomaly in weather predictions using Ensemble learning Algorithms	M Geshta Berling
08.	ROAD SURFACE SEMANTIC SEGMENTATION DAMAGE RECOGNITION USING DEEP LEARNING	Arjun E
09.	FarmCare Vision: Enhancing Sustainable Agriculture Using IoT and Machine Learning	DILEEP KUMAR MITTAPALLI
10.	DETECTION OF DEEPPFAKE IMAGE USING CNN ARCHITECTURE	Dr Hamsaveni M



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

S.No	Paper Title	Author Name
11.	Smart Agro – Analyzer : A Soil And Plant Health Prediction Model With Plant Disease Detection	Marimuthu T
12.	Diabetes Prediction using Machine Learning	Archana Kumari
13.	DAG based avatar authentication in metaverse using 5G E-sim cards	ATUL GUPTA
14.	CNN-Based Image Recognition System for Authenticating Products by Identifying Micro-Patterns and Material Consistency	Sachin V
15.	Smart Roadside Assistance: A Real-Time Web Solution for Vehicle Breakdown Support	Mudigonda Thrinadh Sai Rohith
16.	PREDICTIVE MAINTENANCE FOR INDUSTRIAL EQUIPMENT	MALLI REDDY VENKATA RATHNA REDDY
17.	Face detection in low-light conditions using yolov8 and mtcnn	Chandrashekar Thalluri
18.	An Enhanced Fake News Detection System with Deep Learning	Nived Reddy Tamma
19.	Semi Supervised for low resource languages	Shubhrika Sharma
20.	RAG-driven conversational AI using GPT-3.5 Turbo and LangChain	Madumitha S

## **Technical Session-2C**

### **26/04/2025 – Virtual**

### **Room Name-Parallel Room - 3**

### Technical Session 2C – Parallel Room-3

S.NO	Paper Title	Author Name
01.	Digitizing Sanskrit Handwritten Scripts	Aniruddha Sharma
02.	Equation Eye	Bharanidhar R
03.	Energy Efficient Indoor Asset Tracking	Prajwal M
04.	Deep Learning-Driven Multi Gener Music Classification With Ten Sound Types	Kurra Bala Gopaludu
05.	Lung Cancer Detection Using VGG19	Tagore Thotakura
06.	Voice-Driven Gender Insights: Computational Resource Utilization Using IoT and ML	Kumar Arvind
07.	Disease Prediction and Drug Recommendation using Machine Learning	Kamal Torlikonda
08.	Personalized Visual Product Recommendations Using Deep Metric Learning	Aditya Singh
09.	Artificial Intelligence Based Model for Electricity Demand Projection Including Peak Demand Projection for Delhi Power System	Shyamli
10.	Real-Time Heart Rate Estimation from Video Using Remote Photoplethysmography and LLM-based Insights: A Serverless Approach	Kartik Arora



### Technical Session 2C – Parallel Room-3

S.No	Paper Title	Author Name
11.	AI: An Intelligent System for Optimized Student Profile Management and Data Accessibility	Abdul Hajeess S
12.	Deep Dive: Evaluating Deep Learning Techniques for Phishing Attack Detection	Bhanuja MK
13.	Current Developments on IOT in Aided Wearable devices For Healthcare: A Literature Review	Abhinav R B
14.	Green Synthesis of Metal Nanoparticles for Aseptic Applications	Gaikwad Dipika Dnyandeo
15.	Real-Time Human Emotion Recognition through Transfer Learning for Enhanced Sensory Interaction	Kambham Chaturya Reddy
16.	IOT Based Damaged Street Light Fault Notification & Intensity Control System	Harsh Doshi
17.	Design of Dual-Band H Shaped Microstrip Patch Antenna and Optimizing By Machine Learning	Y JASMINE
18.	Violence Detection System for Automated Video Surveillance Applications	Rashmi More
19.	Early Detection Of Parkinson's Disease through Gait Analysis	Adhesh Dheeraj
20.	Optimizing Credit Card Fraud Detection with Cost-Sensitive Thresholding and Explainable AI	Aiushi Sengupta

## **Technical Session-2D**

### **26/04/2025 – Virtual**

### **Room Name-Parallel Room - 4**

### Technical Session 2D – Parallel Room-4

S.NO	Paper Title	Author Name
01.	Human Detection-Based Video Compression for Storage Optimization in Surveillance Videos	Vishnu S Honnavalli
02.	Integration of AI & Machine Learning for Predictive Safety Measures in Blast-Resistant Railway Bridges	Vishwanatham Marella
03.	FOODGPT: Conversational AI for Personalized Restaurant and Dish Recommendations Using Advanced Machine Learning	Sadineni Pavani
04.	Empowering Farmers: Real-Time Coconut Tree Disease Detection and Management Using YOLOV8 and Machine Learning Techniques	Thumati Harshitha
05.	Petroleum Quality Prediction and its Optimization: Development of Optimized Fuzzy Control Charts for Enhancing the Petroleum Quality	Vipin Kumar
06.	Enhancing Quality of Life: A Comprehensive Review of Assistive Technologies for Diverse Needs	Diya Maria
07.	Stroke Prediction Using Deep Learning and Transfer Learning approaches.	GADDAM SHOWRY BABU
08.	AI-Powered Targeted Spraying Robot for Precision Agriculture	Neha Sunil
09.	Detection of Fraud Transaction using Machine Learning in E-Commerce Industry	Hamza Junaid
10.	Medical Recommendation System Using Machine Learning	Anurag Kumar



### Technical Session 2D – Parallel Room-4

S.No	Paper Title	Author Name
11.	QPark: Optimized Virtual Queue System for Enhanced Visitor Experience in Amusement Parks	Sajid Momin
12.	Lead Management System	Nishant Kumar
13.	A Hybrid BiLSTM-DNN Approach for Crop Yield Prediction with NDVI Features	Ashraya Agnihotri
14.	GESTURE MOUSE CONTROL USING COMPUTER VISION	Princi
15.	Responsible adoption of the latest AI technologies in the legal industry	Vinodhini Ravikumar
16.	Mapping of land cover changes utilizing multi-temporal remotely sensed data in East Sikkim, India.	Chunnu Khawas
17.	Advanced Predictive System For Diagnosing Patient Disease Through Machine(deep) Learning Techniques	Mohammed Sameer Khan
18.	SENTIMENT-BASED RATING PREDICTION USING BERT AND LSTM	P.DEVENDRA BABU
19.	Design and implementation of phase locked loop using ADS	Dr.MADDALA LAKSHMI NARSIMHA CHARYULU
20.	Next Word Prediction Using LSTM	Raj Nandani

## **Technical Session-3A**

### **26/04/2025 – Virtual**

## **Room Name-Parallel Room-1**

### Technical Session 3A – Parallel Room-1

S.NO	Paper Title	Author Name
01.	Virtual Trail Room: Real-World Path Exploration Through Webcam Interface	Sheeban E Tamanna
02.	Efficient Cyber Threat Monitoring And Response Solution Using Machine Learning	Noothalapaati Kalyan Kumar
03.	CONTENT GENERATION WITH GEMINI	MANISH KUMAR
04.	Identification of Medicine using OCR and Pharmacy Locator	Alla Dileep
05.	Enhancing ATM Accessibility: A Dual-Language (Hindi and English) Streamlit Application with Audio Guidance and Voice Command for Visually Impaired Users	Alamuri Ashok Reddy
06.	A Practical Comparison of Vulnerability Assessment and Penetration Testing	C Suneetha
07.	Smart Agriculture: AI Techniques for Detecting and Classifying Plant Diseases	Syed Aneesha Muskan
08.	Smart Classification of Human Activities through Deep Learning	Bellamkonda Eswari Devi
09.	Detection Of Suicide Risk and Depression on Social Media Using Machine Learning Techniques	V V N S S Raghu Nath
10.	P2P communication System	Akshay Rawat



### Technical Session 3A – Parallel Room-1

S.No	Paper Title	Author Name
11.	ENHANCING PEER-TO-PEER NETWORKS: THE FUTURE OF DECENTRALIZED FILE SHARING	Akhilesh Pandey
12.	Integrating Neural Networks for Enhanced Stock Market Predictions	Md Farhan
13.	Movie Suggestion Expert Using Collaborative Filtering	Neelkant Mani Upadhyay
14.	Stock market price prediction website using machine learning algorithms	Sneha Kumari
15.	IMAGE RECOGNITION SYSTEM USING PYTORCH	Ankit Kumar
16.	A Blockchain-Based System for Secure Medical Records	Sunny Kumar
17.	Strategic Safeguards: Enhancing Static Analysis with Machine Learning for Early Detection of Banking Malware in Windows Environments	Ikhlaq Ayoub Shan
18.	Android Malware Detection using Autoencoders and Particle Swarm Optimization	Ayush Panwar
19.	Digital Real Estate Ownership Platform	Aniket Murkutkar
20.	Tumors Detection in Medical Images using Image Segmentation	Jeyalakshmi

## **Technical Session-3B**

### **26/04/2025 – Virtual**

### **Room Name-Parallel Room-2**

### Technical Session 3B – Parallel Room -2

S.NO	Paper Title	Author Name
01.	Heart Disease Prediction By Machine Learning	Harshita Bishnoi
02.	Facial Expression Recognition with RI-LBP	Marut Nandan
03.	Brain Tumor Detection from MRI Images by Using Deep Learning CNN	Rishabh Thakur
04.	EFFICIENT DEEPPAKE DETECTION SYSTEM USING ADVANCED DEEP LEARNING MODELS	SIVASANJUKTHA S
05.	Building a VPN Service with Enhanced Security Features	Sudhanshu Kumar
06.	DDoS Attack Detection Using Deep Learning Algorithms A Review	PINKI RANI
07.	Precision Monitoring for Sustainable Sericulture	RIBKA PULI
08.	Smart Inventory Management By Dynamic Discount Pricing and Active Expiry Alerts by using Machine Learning	RIBKA PULI
09.	Efficient Inventory Regulation with Adaptive Discounts and Timely Expiry Notifications	RIBKA PULI
10.	Inquest AI	Chahat Chaudhary



### Technical Session 3B – Parallel Room -2

S.No	Paper Title	Author Name
11.	An IoT-Driven Multi-Sensor System Real-Time Methane Detection and Analysis using AWS Sagemaker	SHISHIR BAGAL
12.	Stock Market Trend Prediction with Sentiment Analysis and Explainable AI	Harshit Singh
13.	Machine Learning Based Obstruction Recognition Using YOLOv5	Mahendra Singh
14.	Hello History: AI Chatbot for Real-Time Interaction With Historical Personalities	Bhagyashree Naidu
15.	Navigating the Threat Landscape: Windows Malware Analysis Techniques	Muneem fayaz
16.	Predicting IPO Listing Prices Beyond Time Series: A Hybrid Transformer Framework for Non-Temporal Valuation	Lojini V
17.	BRAIN TUMOR DETECTION USING IMAGENET MODEL	V. Chandrasekhar
18.	Study on the Effectiveness of Menstrual Cycle Prediction Algorithms in Mobile Menstrual Trackers	Karan Kumar
19.	Multimodal Detection Of Aggressive Behavior Using CNNs and RNNs: Integrating Audio, Video and Image Analysis	Kanthimathi Sundararajan
20.	NEXT WORD PREDICTION USING LSTM	Radheshyam Kumar

## **Technical Session-3C**

### **26/04/2025 – Virtual**

## **Room Name-Parallel Room-3**

### Technical Session 3C – Parallel Room -3

S.NO	Paper Title	Author Name
01.	Facial Emotion Recognition	Adil Khan
02.	OVER VOLTAGE AND UNDER VOLTAGE PROTECTION OF SINGLE PHASE DOMESTIC LOADS USING ARDUINO	Uggumudi Divya
03.	OPTIMIZATION OF SYNTHESIS CHARACTERISTICS OF BIOCHAR FROM PALM KERNELSHELL AND MAIZE RESIDUE	Snehaprabha M.
04.	Fraud Detection in E-Commerce Transactions through Machine Learning	Abhishek Pal
05.	Adaptive Virtual Therapist for Mental Health Support	Sannepally Sai Mahith
06.	A Novel AI Streamlit-Based Multi-Condition Health Predictor	MANJUNATH K N
07.	Effects of Rice Husk biochar and Sugarcane bagasse biochar on Soil Properties and Rice growth	Naseefa PK
08.	Fake News Detection	Kakarla Bharath
09.	Secure File Storage on the Cloud Using Hybrid Cryptography	Harsh raj
10.	Fed-IOT: Decentralized Data Privacy Preservation against Adversarial Attacks	Shoaib Sultan Bhat

### Technical Session 3C – Parallel Room -3

S.No	Paper Title	Author Name
11.	Food Court Web Application	Divyansh Kumar
12.	INTELLIGENT SYSTEM DESIGN ON THERMAL POWER PLANT EFFICIENCY ENHANCING	Dr subodh panda
13.	FPGA Implementation of Vedic Multiplier using Carry-Save Adder and Brent-Kung Adder	Gautham Jayesh
14.	SAR-to-Optical Image Translation Using GAN	Mohammad Zaiba Mehack
15.	SENTIMENTAL ANALYSIS ON SOCIAL MEDIA POSTS USING MACHINE LEARNING	Dr Anamika Jain
16.	Friction Stir Processing of Magnesium Alloys: A Comprehensive Review	Narender Kashyap
17.	Multi Criteria Decision Making for Superior Text Summarization	Dr Shiksha Singh
18.	Deepfake Detection Using Deep Learning with a Multimodal Ensemble Approach	Lakshmi R
19.	Automatic Solar Panel Cleaning System	Mr. Omkar More
20.	USER'S CART BASED NUTRITIOUS RECIPE RECOMMENDATION	S. Reshni



## **Technical Session-3D**

### **26/04/2025 – Virtual**

### **Room Name- Parallel Room - 4**

### Technical Session 3D – Parallel Room -4

S.NO	Paper Title	Author Name
01.	Jan Dhan Nirdeshak: App designed to enhance user accessibility to financial services across India.	Rohit Yadav
02.	Early Detection of Breast Cancer Using Deep Learning Techniques	Nizam
03.	Intelligence Video Surveillance System using Machine Learning and AI	Jai Shankar Kumar
04.	DEVELOPMENT OF AN AUTONOMOUS DRONE SYSTEM FOR EFFICIENT GOODS DELIVERY IN CHALLENGING ENVIRONMENTS	swetha P
05.	From Correlation to Intervention : Mapping the Parkinson's - Type 2 Diabetes relationship for improved clinical outcomes	Sheeban E Tammanna
06.	Quantification based Intensity Estimation of Human Emotions using Facial Expression and Deep Learning	Mir Aamir Hamid
07.	Enhancing Glioma Prognosis with Explainable AI A Transparent Machine Learning Approach	Mr G Rajshekar Reddy
08.	Enhancing Creativity and Efficiency in Content Creation through AI: A SaaS-Based Approach	shubham kumar
09.	FareHunt Web Application for Cost-effective Ride Booking	Muhammad Nihaal ur Rahmaan
10.	Reducing Waste with Mobile app	Ayush Agarwal

### Technical Session 3D – Parallel Room -4

S.No	Paper Title	Author Name
11.	Enhanced ANN-Driven Metaheuristic Optimization for BLDC Motor Control: A Review	P Rajeswari
12.	Advancements in Metaheuristic Algorithms for Efficient Noise Minimization in Signal Processing	KEERTHANA R
13.	Tab - Based Chatting Application: Enhancing Communication Efficiency Through innovative Design	ASHISH KUMAR
14.	IoT-Based Labour Monitoring System for Industrial Applications	Aryan Dharmadhikari
15.	Resume Sorting and Filtering System Using Integrated IOT	Ananya Bharti
16.	Ai Driven Autonomous Rover For Weed Detection And Removal In Fields	Lakshmi R
17.	Automatic Data Categorization And Pattern Discovery System	P SYAMALA RAO
18.	INTERNET OF THINGS AND DEEP LEARNING INTEGRATED CROP RECOMMENDATION SYSTEM	SHRADDHA SHARMA
19.	NEXT-GEN HOME AUTOMATION SECURITY BASED ON FACE AND VOICE RECOGNITION EMBEDDED WITH IOT	Akanksha Singh
20.	Safe Harvest: IoT Based Fruits and Vegetables Freshness Detection	Tripti

## **Technical Session-4A**

### **26/04/2025 – Virtual**

### **Room Name-Parallel Room - 1**



### Technical Session 4A – Parallel Room -1

S.NO	Paper Title	Author Name
01.	Review of Credit Card Fraudulent Data Detection Models	Raja Sharma
02.	A Deep Learning Framework based on LRCNN for Suspicious Behavior Detection in Retail Spaces	Arvin Nooli
03.	BLOGHUB: REACT.JS, TAILWIND CSS AND VITE	Shashank Swaroop Saxena
04.	Integration of IoT Use of Smart Power Management Systems for Essential Protection and Functionality of Switchgear	Anandha Kumar T
05.	Investigations on the microstructure and wear properties of SLM printed Stainless steel	MRITYUNJAY NAYAK
06.	Machine Learning-Based Interactive System for Stroke Rehabilitation	Aditya Dhumal
07.	Music Recommendations System Using Facial Emotion Detection	Adarsh singh
08.	Car Price Prediction Using Machine Learning	Aditya Raj
09.	Skin Cancer Detection Using CNN	REDDYVARE LOKITHA REDDY
10.	AI DEEPFAKE IMAGE DETECTOR	KRUPAL WARALE
11.	An Optimized Machine Learning Model for Heart Disease Prediction	Yarram Venkata Arjun Reddy
12.	Mobile based alert system. SMS as a life saving tool	G Hrithicka
13.	Utilizing Wireless Sensor Networks for Healthcare and Precision Agriculture	VadisalaNamithaReddy

### Technical Session 4A – Parallel Room -1

S.NO	Paper Title	Author Name
14.	IT-SDN-Driven Network Topology Discovery for Efficient Wireless Sensor Network	Aele Prageetha
15.	Decentralized Crowdfunding Platform: A Blockchain-based Approach Using Smart Contracts and Modern Web Technologies	Ch.Balaji
16.	Predict Customer Churn with Python and Machine Learning	Arnav Kumar Gupta
17.	A Study on Facial Emotion Recognition using Convolution Neural Network	Adnan Khan
18.	Review on the Microstructure studies AA6000 series with and without Cryo-Treatment.	Chandan V
19.	Nova An Educational Chatbot	Anam Shaikh
20.	Navigating the Classroom with Live debugging: A Study of Educators' Challenges and Insights	Harpreet Kaur
21.	A Review of Simulation And Experimental Analysis of Heat Treatment For Steel Tie Rods	Kunal Kumar Singh
22.	Gender Identification by Voice	Shivanshu Mishra
23.	Unveiling Hidden Patterns A Deep Dive into Tableau Application by bibliometric analysis.	javed gulamnabi dudhwala
24.	Pneumonia detection using YOLOV7	Mankena Roja
25.	WEAPON DETECTION USING ARTIFICIAL INTELLIGENCE AND DEEP LEARNING FOR SECURITY APPLIANCES	G BHANU PRAKASH

## **Technical Session-4B**

### **26/04/2025 – Virtual**

## **Room Name-Parallel Room - 2**

### Technical Session 4B – Parallel Room -2

S.NO	Paper Title	Author Name
01.	A Movie Recommendation System using machine learning	ASTIK ROY
02.	Implementation of Malicious URL Detector using Machine Learning	Sukaina Kazmi
03.	Smart Home Nightmare: Analyzing the Vulnerability of Budget IoT Devices to Remote Hijacking in the Indian Market	Gopal Mahaldar
04.	Assessment of haemo- and cellular compatibility of alginate capped silver nanoparticles: a perspective for biomedical applications	Priyanka Srivastava
05.	A Decentralized Model for Increasing Security in Government Documents Using Distributed Ledger Technology	Mohamed Waseem A
06.	Design Of Industrial Steel Building with Different Types Of Bracing For Seismic Conditions	sahil dhanvijay
07.	NephroMind-Detection, classification and segmentation of kidney disease	Priyanshu Shrivastava
08.	Exploring switching intention from Fixed Deposits to Stock markets: An individual investor behavior study through Push-Pull-Mooring model	Gargi Agarwal
09.	Enhancing Landslide Detection Through Deep Learning: A Modified BiRefNet Approach	Sourabh Sharma
10.	Smart Shopping Cart	Vijayalaksmi.E
11.	Leveraging AI to Detect Income-Asset Mismatch	M.Nameetha
12.	Road Accident	Ashva Thershini. V
13.	Wedding Hall Booking App Concept Document	B.Pranav Muthuvel



### Technical Session 4B – Parallel Room -2

S.NO	Paper Title	Author Name
14.	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
15.	AI-Driven Blood Bank Systems: Revolutionizing Blood Collection and Distribution	Dipesh Shrestha
16.	A convolutional neural network-based system for blood group classification.	Ashwini Subburaj
17.	Distributed Inter-Connected Agent Framework for Code Understanding	Sanoop A
18.	Detection of AI generated images	Gaurav Singh
19.	Deep Learning Approaches for Detecting DeepFakes: A Systematic Literature Survey	Yeeshu Ralhen
20.	Assured Contract Farming	Sreeram S
21.	Intrusion Detection and Recovery System For Drone Signals	Ajith Dileep Huggi
22.	Automatic single row seed planter	Gayathri V
23.	Finite Element Analysis of Age-Dependent Biomechanical Behavior in Mandibular Bone: Implications for Dental Implant Longevity	Akash Mishra
24.	Enhanced LSTM-NeuralProphet Model for Share Price Forecasting	Siva A
25.	Advancements in Drought Assessment Using High-Resolution Satellite Data: A Review	Komal Dhoka

## **Technical Session-4C**

### **26/04/2025 – Virtual**

### **Room Name-Parallel Room - 3**

### Technical Session 4C – Parallel Room -3

S.NO	Paper Title	Author Name
01.	Deepfake Detection Using CNN and RNN Models	Brijendra Pratap Yadav
02.	Rainfall Detection Using Machine Learning Algorithms	Praveen Kumar Kurmi
03.	Machine Learning Algorithms for Predicting Food Demand in University Cafeterias	Rishav Raj
04.	Early Stage Disease Detection Through Finger Nail Image Using Deep Learning	Vaibhav Kaushal
05.	Eye Disease Detection Using Deep Learning Techniques	Soumya Das
06.	Blood Cell Cancer Detection Using Deep Learning Techniques	Soumya Das
07.	Fault Detection in Offshore Wind Turbine Based Microgrid Using Deep Q-Learning	sweeti jain
08.	Using deep learning for making Sign Language Recognition	Adarsh kumar Singh
09.	An AI-Powered Revolution in Global Travel Guidance	Ashutosh Pratap Singh
10.	Solana Price Prediction Using XGBoost: A Machine Learning Approach for Cryptocurrency Markets	Shubhangi Jain
11.	Diversifying financial health using AI Powered Personal Finance Advisor-Research Paper	Vishal Singh
12.	INTERACTIVE CHATBOT FOR PDF CONTENT CONVERSATION USING AN RETRIVAL AUGMENTED GENERATION & LARGE LANGUAGE MODEL	N lohith Sai
13.	QR Attendance System with Geo-Location :- A Comprehensive Approach to Efficient Attendance Management	Piyush Kumar

### Technical Session 4C – Parallel Room -3

S.NO	Paper Title	Author Name
14.	CT Scan Analysis for Brain Using Wavelets and Deep Learning Techniques	Aakriti Rahia
15.	Seamless Virtual Try-On: Leveraging Pose Estimation and Image Synthesis for Apparel E-Commerce	Yatharth Yadav
16.	IPO Forecasting with Temporal Fusion Transformers: A Comparative Study with Deep Learning Models	Bharath J Ramalingam
17.	LEVERAGING ML FOR HIGH PRECISION OBJECT COUNTING IN IMAGE	Abhay Arya
18.	Autonomous Search and Rescue Rover for Indoor Navigation and Mapping	Syeda Zainab
19.	E-Health Care and Efficient E-Health Systems through Web Applications	Tushar Talan
20.	Dynamic Programming for Enhanced Distributed ILP Approximation and Graph Decomposition	Sahil Qureshi
21.	IMAGE ENCRYPTION BASED ON DOUBLE DNA ENCODING AND CHAOTIC 2D LOGISTIC MAP	Umesh Anandh S
22.	Skin Cancer Detection using CNN (Convolution Neural Network) with AI Medical Assistant	Revathy BD
23.	BRAIN TUMOUR IMAGING ANNOTATIONS USING U NET ARCHIECTURE	GADIYAM SIVAMANI
24.	Intelligence System for Comprehensive Wildlife Monitoring and Anti Poaching Surveillance	Kavya Reddy Vutukuri
25.	Securing Data Repository using AES Technique	Madhav Suta Adityan



## **Technical Session-4D**

### **26/04/2025 – Virtual**

### **Room Name-Parallel Room - 4**

### Technical Session 4D – Parallel Room -4

S.NO	Paper Title	Author Name
01.	Integrating Ridesharing and Food Delivery Services: A Unified Platform for Operational Efficiency and Cost Reduction	Tanya Saxena
02.	Optimizing Byzantine Tolerance with Bloom Filters and Bounded Storage	Sangam Singh
03.	Real-Time Code Recommendation System for Developers: Leveraging NLP for Context-Aware Suggestions	Hari om kumar
04.	Real-Time Phishing Detection Using Big Data and AI	Chandravijay Ram
05.	Driver Guardian: AI-Powered Drowsiness Monitoring System for Enhanced Road Safety	Mattegunta Nithin Dasi Tirupal
06.	Non-Invasive Diagnosis of Biliary Atresia Using Spectroscopy Analysis of Neonatal Stool Samples.	Harshavardhni A
07.	MANAGEMENT OF HEALTH RECORDS ON BLOCKCHAIN EMPLOYING ZERO-KNOWLEDGE TECHNOLOGY	MOHAMMAD ZEESHAN JAWED
08.	Cardiovascular Disease detection using ECG image processing	Md Hassam
09.	HAND GESTURE DETECTION USING YOLO	J KARTHIK REDDY
10.	Movie Recommendation System in Movie Streaming Platform	P Satya Suraj
11.	Role of AI in mitigating stress and burnout in the workplace	Varun Kumar
12.	SkillCept: Revolutionizing Learning with Augmented Reality	Aditya Swarup
13.	Efficient Plant Disease Diagnosis via CNN	Ankit Harsh

### Technical Session 4D – Parallel Room -4

S.NO	Paper Title	Author Name
14.	Outfit Recommendation System	Gauri Ghadge
15.	A Secure Peer to Peer Trade System using Blockchain technology	Sahil Raja
16.	Self-Healing Deep Learning with Differential Evolution for Wireless Rechargeable Sensor Network Charging Scheduling	Kumar Dayanand
17.	Leveraging Honeypots for SSH Login Attack Analysis: Insights from Kippo and Medusa Simulations	Surender Singh
18.	CYBERBULYYING DETECTION USING DEEP LEARNING	Kavudamalya R
19.	Generative Adversarial Network Based Medical Image Generation	Karthik Gowda M S
20.	Enhancing Local Tourism Through Comparative Analysis and Digital Innovation: An Android-Based Approach	Shubham Gupta
21.	Adaptive Culinary Recommendation System	Aryan Gupta
22.	An effective portfolio management system using quantum computing approaches and Markowitz Mean-Variance Optimization Model	KUMAR RAMAIAH
23.	Addressing Demographic Disparities in Deepfake Detection via Algorithmic Loss Integration	Gungun
24.	Fashion Recommendation using Machine learning and Deep learning	Sonalika Kumari
25.	Recycling of Polystyrene Using Bio-based Limonene	Prateek Khanna

### 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 <b>IFERP Representative</b>			
08:10 AM - 08:20 AM	Speech By Keynote Speaker <b>Harshit Kohli</b> Room Name- (Parallel Room-1)	Speech By Session Speaker <b>Asst Prof. Dr. Paramita Sarkar</b> Room Name- (Parallel Room-2)	Speech By Session Speaker <b>Mr. Vijaykumar Bhatia</b> Room Name- (Parallel Room-3)	Speech By Keynote Speaker <b>Prof Dr. Chitra Kiran. N</b> Room Name- (Parallel Room-4)
08:20 AM - 10:05 AM	Technical Session 1A Room Name- (Parallel Room-1)	Technical Session 1B Room Name- (Parallel Room-2)	Technical Session 1C Room Name- (Parallel Room-3)	Technical Session 1D Room Name- (Parallel Room-4)
10:05 AM – 10:20 AM	Networking Break			
10:20 AM – 12:00 PM	Technical Session 2A Room Name- (Parallel Room-1)	Technical Session 2B Room Name- (Parallel Room-2)	Technical Session 2C Room Name- (Parallel Room-3)	Technical Session 2D Room Name- (Parallel Room-4)
12:00 PM – 12:15 PM	Networking Break			
12:15 PM – 01:55 PM	Technical Session 3A Room Name- (Parallel Room-1)	Technical Session 3B Room Name- (Parallel Room-2)	Technical Session 3C Room Name- (Parallel Room-3)	Technical Session 3D Room Name- (Parallel Room-4)
01:55 PM – 02:10 PM	Networking Break			
02:10 PM – 04:15 PM	Technical Session 4A Room Name- (Parallel Room-1)			
01:55 PM – 02:00 PM	Valedictory Function			
02:00 PM – 02:05 PM	Vote of Thanks			



## **Technical Session-1A**

### **27/04/2025 – Virtual**

## **Room Name-Parallel Room-1**

### Technical Session 1A – Parallel Room-1

S.NO	Paper Title	Author Name
01.	Comparative Evaluation of Battery Technologies for Electric Vehicle Applications	SIVA KUMARI PALLA
02.	Development of Web based Spatial Decision Support System (SDSS) for Flood Assessment in Lakhimpur District, Assam	Gnaneshwara M P
03.	CryptoVoting blockchain based evoting system	Shiwangini Kumari
04.	AI POWERED SPEECH-TO-TEXT AND TEXT-TO-SIGN TRANSLATION	INDURI RAMANA REDDY
05.	CREDIT CARD FRAUD DETECTION THROUGH TIME – AWARE BEHAVIORAL REPRESENTATION LEARNING	Pathan Azemunnisa
06.	Advancing Real-Time Facial Expression Recognition through Deep Learning	Anshika Agarwal
07.	CAR GEEK: AUTOMATED VEHICLE COST FORECASTING USING MACHINE LEARNING	Sachin Gangwar
08.	Optimized Multiclass Image Classification using SVM for high Performance	Vinodhini R
09.	Smart Study	Sandeep Ranjan
10.	Enhancing Breast Cancer Diagnosis Using Modality-Specific Information Disentanglement from MRI	Mahera Shaik

### Technical Session 1A – Parallel Room-1

S.NO	Paper Title	Author Name
11.	Graph Neural Networks for Financial Fraud Detection in Online Transactions	Sowjanya Sajja
12.	Renewable Energy Powered Vacuum Cleaner	Jayraj Chavan
13.	Fraud Detection in Banking Data Using Cyber Security Techniques, AI \& ML	Zeenat Zahra
14.	IOT BASED FARM IRRIGATION SYSTEM	PIYOOSH AWTHARE
15.	Fake News Detection Integrated With Multilingual Support	Abhimanyu Singh
16.	Enhancing WhatsApp Chat Intelligence through Real-Time Extension-based AI Analysis	Nishant Srivastava
17.	Question Answering System Using NLP	Deepak Pandey
18.	Secure Home A Privacy preserving data aggregation framework for wireless sensor network in home automation	Ashish V
19.	Restaurant Management	Soumil
20.	QAS(Question Answering System) Using Deep Learning on Contextual Context	Jigyashu Kumar

## **Technical Session-1B**

### **27/04/2025 – Virtual**

### **Room Name- Parallel Room - 2**



### Technical Session 1B – Parallel Room - 2

S.NO	Paper Title	Author Name
01.	WORLD BILLIONAIRE ANALYSIS: Using Linear Regression	Pradyumna
02.	Nest Finder Where Home Mests Convenience	Patnana Vijay Kumar
03.	Integrated System for Quality Assessment Based on Texture, Health and Ripeness Evaluation for Mangoes	Nandyala Dasaratha Reddy
04.	Deep Learning-Based Lane Detection for Autonomous Vehicles	Sudheer Nidamanuri
05.	Magnifying The Farming Data Set To Embed Conceptualized Techniques Into Soybean Farming	VIVEK GUPTA
06.	Hate Speech Detection Model	Anika Srivastava
07.	Yoga Pose Detection Using Swin Transformer	Anupriya Pal
08.	Integrating Lightweight Cryptography (LWC) in MapReduce Framework to Secure HDFS Data: MR-LEA (MapReduce Lightweight Encryption Algorithm)	Shivani awasthi
09.	Enhanced Human Age and Gender Prediction using Machine Learning	B. Ganesh Reddy
10.	An AI Powered Mobile Application for Early Skin Cancer Detection	Hitesh Rupani

### Technical Session 1B – Parallel Room - 2

S.NO	Paper Title	Author Name
11.	An Advanced Vision-Driven Gesture Interface for Seamless Human-Computer Interaction Using Computer Vision and Machine Learning	Aditya Kumar
12.	USING MACHINE LEARNING TO DETECT EPILEPTIC SEIZURES IN EEG SIGNALS	Khushi Sharma
13.	Heart disease prediction using machine learning	Suryansh
14.	Blockchain Based EVoting System	Aayushi Pandey
15.	Sign Language Recognition Using Deep Learning	Pranav Tripathi
16.	A COMPREHENSIVE SURVEY: EVALUATING THE EFFICIENCY OF AI & ML TECHNIQUES ON CYBER SECURITY SOLUTIONS	Ramesh B E
17.	AI Driven Driver Behavior Monitoring System	Tanuj Kumar
18.	Developing an effective text summerizer using Natural language processing techniques	Aashutosh Shah
19.	Enhanced Smart Irrigation System Using LSTM Neural Networks for Improved Agricultural Management	Gurjas Kaur
20.	Full stack web development using machine learning Integration	A.Akshay kumar

## **Technical Session-1C**

### **27/04/2025 – Virtual**

## **Room Name- Parallel Room - 3**

### Technical Session 1C – Parallel Room - 3

S.NO	Paper Title	Author Name
01.	Artificial Intelligence Search Engine using NLP and Cloud	Aditya Sharma
02.	Diabetes Disease Prediction using Machine Learning	Swati Kumari
03.	Hate speech detection using ALBERT+CNN algorithm	Prem Bhut
04.	Optimizing home environment safety- IOT based Freon gas detection and automation	Harshitha M
05.	Leaf classification using various machine learning Algorithm	YAMINI THAKUR
06.	COCO Human Parts: Instance-Level Detection and Hierarchical Relationships	T.Srihari
07.	Gesture Based Interaction Using Computer Vision and Python	Yash Vardhan
08.	Quantum secure email client appliaction	Rasiha S
09.	REAL-TIME SIGN LANGUAGE DETECTION SYSTEM USING MACHINE LEARNING	Jalaj Baghwala
10.	Beyond the Algorithm: Deep Learning as a Service and the Future of AI in the Cloud	Aniket Kumar



### Technical Session 1C – Parallel Room - 3

S.NO	Paper Title	Author Name
11.	Adaptive Cost Optimization in Cloud Computing Using Multi-Agent Reinforcement Learning	Kanishk Gupta
12.	A hybrid approach integrating Flow Matching, GAN Restoration, and Cryptographic Security to enhance QR Code Generation and Protection	Kaamya Sarda
13.	Real-Time Traffic Monitoring System Using YOLO	Piyush Chauhan
14.	BRAIN TUMOUR Classification using Deep learning Neural Network	Aman kaushik
15.	A Proposal to Integrate Interactive Simulations, Symbols & Interface into Language & Beyond for Teaching Effectively to First-Year Engineering Students in India	Dr Rochna Roy
16.	Wildfire Prediction using HQCNN: Enhanced Performance over Standard CNN and Vision Transformer Models	shreyansh malviya
17.	Helment Ditection using AI	Abhishek Kumar Rai
18.	Python-Based Forecasting and Visualization for Construction Project Monitoring and Reporting	Donme M Sangma
19.	Innovative Approach to Alzheimer Disease Detection	Akshit Mittal
20.	Email &SMS Spam Detection	Ankit Raj

## **Technical Session-1D**

### **27/04/2025 – Virtual**

## **Room Name- Parallel Room – 4**

### Technical Session 1D – Parallel Room - 4

S.NO	Paper Title	Author Name
01.	Machine Learning-Driven Approach for Accurate Sleep Disorder Classification	DR.P.VELMURUGADA SS
02.	Enhancing Continuity of Care: A Blockchain-Based Solution for Decentralized Medical Record and Billing Management	Aditya Prakash
03.	Chronic Kidney Disease Prediction using Transformers And QCNN	Aditi
04.	Brian Tumor Detection using Advanced CNN Architecture (Resnet50)	Abhinav sharma
05.	Super Cipher Cryptographic for Communication System	Abhishek Pandey
06.	NeuroMol-X: AI-Driven, GPU-Accelerated Cloud Platform for Real Time Molecular Simulation, Collaborative Cheminformatics, & Precision Drug Discovery	Bipul Kumar Mishra
07.	Decentralized trust frame work for transparent and secure electoral processes using Block chain.	D.Himavanth
08.	An AI based Hand Gesture and Voice Controlled System for Physically Disabled Person	Deepanshu Singh
09.	“USER ADOPTION AND CONTINOUS INTENTON OF QUICK COMMERCE APPS: EVIDENCE FROM INDIA”	Shubham Kumar
10.	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 – Parallel Room - 4

S.NO	Paper Title	Author Name
11.	Design and Analysis of an Efficient Approach for IoT architecture to Achieve Self-adaptiveness	Mohammad Hashir
12.	Effective Dashboard Implementation Design with PowerBI	Shobha
13.	HeartShield AI: Advanced Machine Learning for Accurate & Early Heart Disease Prediction	Siddhant Singh
14.	Text simplification for education using reinforcement learning	Sravan Kumar Paidi
15.	Chatbot with Wikipedia Using Large Language Models	mukesh
16.	Boundary and Shadowing Effects in UWSNs: A Hybrid Machine Learning Approach	Simran Nayan
17.	Exploring the future: Enhancing travel experiences with AI Chat-bot	Sneha Saxena
18.	Palisade - Prompt Injection Detection Framework	Sahasra Kokkula
19.	Cyber Threat Types and Removal Techniques	Rohan Raizada
20.	A REVIEW PAPER ON THE IMPORTANCE AND ADAPTABILITY OF BUILDING INFORMATION MODELLING (BIM) FOR CONSTRUCTION PROJECTS IN INDIA.	Pratik Anant Harshvardhan



## **Technical Session-2A**

### **27/04/2025 – Virtual**

## **Room Name-Parallel Room-1**

### Technical Session 2A – Parallel Room-1

S.NO	Paper Title	Author Name
01.	Optimizing performance of Machine Learning Algorithms for Diabetes Detection using Osprey Optimizer Algorithm	Prathamesh Kshirsagar
02.	Image to Caption Generator using Machine Learning	Abhiraj Singh Sengar
03.	Smart Diagnostics: Leveraging Machine Learning For Precise Diabetes Risk	Chandra Prakash
04.	Epileptic Seizure Prediction using Multi-Channel Vision Transformer	Chandan Kumar
05.	Movie Recommendation System Using Content Based Filtering And Cosine Similarity	Saurav Kumar
06.	Time Series Data Compression for Industrial Data	Prarthana P Bhat
07.	Email Spam Detection Using ML Algorithms	Tushar Pandey
08.	EduflexAI:AI-Powered Learning & Networking Hub	Tanya Tiwari
09.	Hands free virtual mouse with gesture eye and speech recognition	Pamidi Sathish
10.	Design and implementation of low Noise Amplifier for Ultra Wideband Applications	Prasanakumar M

### Technical Session 2A – Parallel Room-1

S.NO	Paper Title	Author Name
11.	Innovative Dual Axis Solar Tracker for Enhanced Energy Harvesting: Design, Implementation, and Performance Analysis	Abhijeet Rajendra Pawar
12.	Detection of Counterfeit Products by Blockchain	Anas Ahmad
13.	Real-Time Testing of Arterial Stiffness Detection Using Pulse Wave Velocity and Framingham-Based Cardiovascular Risk Assessment	Uma Harshini D.C
14.	AI Chat Bot For Mental Health Support	Ankur Kumar
15.	Automatic Helmet Recognition and Number plate Identification Using CNN	G Suryakala Eswari
16.	Bio-Based Wax Coating for Anti-Fouling Applications: Integrating Biopolymers and Nano Additives with Natural Plant Waxes” Topic	Sushmitaa N
17.	DEEP LEARNING FOR NOISE REDUCTION IN AUDIO USING WAVEUNET MODEL	YENDURU LIKITH SAI NAGA RATNA MANIKANTA
18.	NEXT GEN IOT ENHANCED ATTENDANCE SYSTEM	Siya Singh
19.	Gas Presence Analysis in Transformer Oil Using Microcontroller	Pratik Navanath Pawar
20.	Contactless Wash Basin Gadget Using IOT	Rajeshwari K M

## **Technical Session-2B**

### **27/04/2025 – Virtual**

## **Room Name-Parallel Room - 2**



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

S.NO	Paper Title	Author Name
01.	VEHICLE ACCIDENT DETECTION AND ALERT SYSTEM USING ARDUINO UNO	Sakshi Lembhe
02.	Prediction of Stock Prices using LSTM model and comparison with ML algorithms	Aman Singh
03.	Multimodal Breast Cancer Detection using Ensemble Learning	Anusha C
04.	Sentimental Analysis	Rubal
05.	Finding Dark patterns	Prashant Singh
06.	Blockchain-Integrated Deep Learning Framework for Secure and Decentralized Pneumonia Diagnosis Using Chest Radiographs	Manaswita Verma
07.	Accessible E-Learning Platform for Inclusive Education: Enhancing Student-Centric Learning through Universal Design	Jasleen Kaur
08.	Evaluating Machine Learning Models For Optimal Credit Card Fraud Detection	Avitansh Pilia
09.	Recipe Recommendation Engine	Ch Sravanthi Sowdanya
10.	Experimental and Computational Analysis of Banana-Carbon Fiber-Reinforced Nano ZnO-Epoxy Composites	Tamanna Mann

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

S.NO	Paper Title	Author Name
11.	Identification of Degraded Printed Scripts in Hindi and Sanskrit A review	Lavanya Sharma
12.	WhatsApp chat analyzer using AI	Dipansh sharma
13.	The Role of Generative AI and Deep Learning in Next-Generation IoT Systems	Vaibhav Thakare
14.	Recent trends in Rotary Kiln and Refractory Material Patterns in Cement Production: a review approach	Mr Suhas R Padawe
15.	A Comparative Analysis of ANN and P&O MPPT Techniques in PMSG-Based WECS	K LAKSHMI REDDY
16.	Medical Doamin Specific Information Retrieval Using RAG	S Yoganandh
17.	stock price prediction using machine learning	Priya Tiwari
18.	A Research Paper on Identifying Credit Card Fraud	SURAJ RAJ
19.	Wanderlust	Amit kumar
20.	XRD AND SEM ANALYSIS OF GROUND GRANULATED BLAST FURNACE SLAG -GGBFS AND COAL BOTTOM ASH AS A GREEN ALTERNATIVE IN MORTAR	snehal bawane

## **Technical Session-2C**

### **27/04/2025 – Virtual**

## **Room Name-Parallel Room - 3**

### Technical Session 2C – Parallel Room-3

S.NO	Paper Title	Author Name
01.	Analyzing Public Sentiment and Thematic Trends in Metaverse Token Reviews Using ML and Micro Interlocutor Analysis	Om Pandey
02.	Economic impact analysis through YouTube trends	NITISH KUMAR
03.	Exploring discrepancies in Online Hotel Bookings: Impact on Customer Satisfaction and Revisit Intentions in Tier 2 and Tier 3 Cities of India	Sankalp Jha
04.	Transformer Theft Protection and Maintenance Monitoring System	Roshan Sarjerao Shinde
05.	Classification and Detailed Uses of Indian Medicinal Leaves Using Deep Learning.	Dr G Prasanna Priya
06.	Twitter Bot Detection using XGBoost Ensemble Method	Gogineni Hima Bindu
07.	Attendance Management Device With Face Recognition	Adnaan Momin
08.	Characteristic Study and Mechanical Properties of Reactive Powder Concrete by Using EMMA Software	Rajalakshmi S
09.	Comparative Analysis of ANN, RNN, and GRU for Online Payment Fraud Detection	Aayush Gupta
10.	Enhancing Lunar Surface Imagery from Chandrayaan Missions using Super-Resolution Techniques	Kirtimaan Singh



### Technical Session 2C – Parallel Room-3

S.NO	Paper Title	Author Name
11.	Model-Driven Software Engineering: Automated model-based development	Ayush Joshi
12.	XAI HEART DISEASE PREDICTION	VAIBHAV
13.	Health Harbinger : An Offline AI for First-Aid and Disease Symptoms Analysis	Abhinav V
14.	Optimization of Friction Stir Processing Parameters for Aluminium Alloy 6061 with Chromium Particles	SHAVIST KUMAR
15.	"Emerging Trends in Plant Disease Detection: A Survey on Machine Learning and Deep Learning Applications"	ZAKEEYA NAGUR
16.	Diabetes prediction using Machine Learning	Anjali Kumari
17.	Application of regenerative braking system in power generation at low level	Gyanesh Singh
18.	Multi-Model CNN Ensemble for Classifying Knee Osteoarthritis Severity Levels Using X-ray Imaging	Lalam Sravani
19.	Design and Development of Enzymatic Fuel Cell	Sumit Chavan
20.	Progressive Encryption Framework for Low-Latency Healthcare Sensor Data Protection	Vaishali Patel

## **Technical Session-2D**

### **27/04/2025 – Virtual**

## **Room Name-Parallel Room - 4**

### Technical Session 2D – Parallel Room-4

S.NO	Paper Title	Author Name
01.	Marine Pollution and Control Technique	Agalya K
02.	Physical and Structural Characterization of Zinc Alkali Strontium Borate Glasses	Supreet Pal Singh
03.	Next-Generation Firewalls: Evolution, Comparative Insights, and AI-Driven Adaptive Cyber Defence	Surender Singh
04.	Earthquake-Induced Landslides Prediction using hybrid Deep Learning techniques	Rananki Padmasri
05.	IDENTIFICATION OF ENCRYPTION ALGORITHMS USING DEEP LEARNING TECHNIQUES	Gurajapu Chaitanya Deepika
06.	ANALYZING FACTORS AFFECTING THE VIEWER FAVORITISM TOWARDS INDIAN PREMIER LEAGUE TEAM	Vikash Dubey
07.	Smart Home Integration Web Application	Devesh Kumar
08.	Optimized Grid-Based Topology Control in Supernode-Driven Wireless Sensor Networks	Shweta Malwe
09.	Studies on viability of Tea waste as a sustainable resource for caffeine extraction.	Ronit Singh
10.	Water Quality and Disease Prediction System for Aquaculture	B. DHANALAKSHMI

### Technical Session 2D – Parallel Room-4

S.NO	Paper Title	Author Name
11.	MULTIPLE DISEASE PREDICTION BASED ON USER SYMPTOMS USING ML & DL	Murry Swathi
12.	Multi-Lingual Text Summarizer Using Generative AI	Apoorv Maurya
13.	Diabetic Retinopathy Classification and Detection Using Coloured Images with Deep Learning Inspired Framework	Ankur Jaiswal
14.	Effect of Alkali Treatment on the Mechanical Properties of PALF/Coir Epoxy Hybrid Composites	Utsav Modi
15.	Deep Learning-Based Detection and Classification of Cardiac Arrhythmias Using PPG Signals with GUI Integration	Niranjana V
16.	The removal of phenol with the help of alumina bio-adsorbent for waste water treatment	ANDRIAMBAHINY Ranto Ny Aina
17.	Computational insights into process optimization for green hydrogen production via electrolysis: A MATLAB-based mini review	Ashutosh Sharma
18.	Enhanced Photocatalytic Degradation of Rhodamine B using Titanium-Zirconium Composite Catalyst: Synthesis, Characterization, and Process Optimization	Mitesh Vadgama
19.	AI Conversational Experience for Automobile buyers to choose right choice of car that suits their needs	Khathijath Fariha S
20.	AUTOMATIC PREDICTION IN DETECTION OF BRAIN TUMORS THROUGH USING MACHINE LEARNING AND DEEP LEARNING: MRI METHODOLOGY	Rajalakshmi K



## **Technical Session-3A**

### **27/04/2025 – Virtual**

## **Room Name- Parallel Room-1**

### Technical Session 3A – Parallel Room-1

S.NO	Paper Title	Author Name
01.	DEEPSHRIMP: EARLY AND PRECISE DISEASE DETECTION AND ANALYSIS IN SHRIMP FARMING	SOBITHA
02.	Efficient adsorption of methylene blue using a porous metal-oxide adsorbent derived from spent lithium-ion batteries	Yagnesh Solanki
03.	Nanoengineered Electrodes for Enhanced Microbial Fuel Cell Performance	Div Patel
04.	A Novel Wormhole Attack Analysis and Countermeasures in MANET	Surender Singh
05.	OBSCURA - Unified Threat Detection - Using SIEM Integration with pfSense, Suricata, Kibana, and Grafana	Khathijath Fariha S
06.	AI-Enhanced Smart Traffic Light System for Real-Time Ambulance and Accident Detection	Dijendra Sai Sri Bharath Mandali
07.	Prevent Accidents with Intelligent Fatigue Detection Using DLib and OpenCV	Pratham Chauhan
08.	Sign Language Generation Using YOLOv5	Gochipatha Naveen
09.	DFT Investigation on Double Transition Metal MXenes	Dr Sandeep Kaur
10.	Imaging System for Balcony Safety: A Computer Vision Approach	Manas Gupta

### Technical Session 3A – Parallel Room-1

S.NO	Paper Title	Author Name
11.	AI-Driven Adaptive Traffic Management System for Smart Cities using Real-Time Surveillance and Geospatial Intelligence	HARSHITHA J
12.	Bridging Banks: A Secure Integration Model for Modern Financial Services	Mohd.Ammar Nusrat
13.	Iot Base Smart Framework To Predict Air Quality Using KNN Imputation Model	Diwakar Prajapati
14.	FRUIT DISEASE CLASSIFICATON USING MATLAB	Sai Thanuja
15.	Smart Waste Monitor Using IOT	Sai Thanuja
16.	Battery Management System (BMS) Second-Life Framework	HARISH P
17.	The Big Bang-Big Crunch Optimization Algorithm: A Comprehensive Analysis	Sonia Bukra
18.	Unmasking Fake Accounts in Social Networks with Machine Learning and NLP Approaches	Thumula Ramya Sri
19.	End-to-End Security in Full-Stack Freelancing Platforms: From JWT Auth to Payment Gateway	Ritika Baghel
20.	Student Performance Analysis with machine learning	Hitesh Srivastava

## **Technical Session-3B**

### **27/04/2025 – Virtual**

## **Room Name-Parallel Room-2**



### Technical Session 3B – Parallel Room - 2

S.NO	Paper Title	Author Name
01.	Classification and Segmentation of Brain Tumors Using CNN Architecture	Rajan Kumar
02.	A Comprehensive Review on NO <sub>2</sub> Gas Treatment Technologies in Metal Refining: Transitioning Towards Safer and Cleaner Processes	Shiv Hingrajiya
03.	Sign Language Recognition Using Deep Learning	Adarsh kumar Singh
04.	SKILLX- Skill Exchange Web-based Platform	Rakesh B
05.	Classification of Skin Diseases Using CNN	Fahad Rehman
06.	Music Streaming: Navigating Identity, Privacy, and Social Dynamics in Networked Listening	Hritik kumar
07.	SECURE ARCHITECTURE IN WIRELESS BODY AREA NETWORK	Ritik Tiwari
08.	BlogHub: ReactJS, Tailwind CSS, and Vite	Vidushi Patel
09.	Multiple Disease Prediction System Using Machine Learning	Om Kumar Sharma
10.	Image Analysis Using CNN: Food Calorie Prediction	SHASHANK KUMAR

### Technical Session 3B – Parallel Room - 2

S.NO	Paper Title	Author Name
11.	Study and Design of Barcode Generator: QR Code	Milan Chaurasiya
12.	Mental Health Application	Ankur Srivastava
13.	Metro Flow Navigator – Efficient urban mobility planning with Dijkstra and A* for route optimization	Ayush Yadav
14.	Attitude and Behaviour Towards AI or Chatbot in Men Grooming Industry	Nandan pandey
15.	Automated Plant Care For Smart Gardens Using IoT	Adarsh Shivam
16.	Digital Marketplace using Python	GAURAV KUMAR NISHAD
17.	Transforming Car Rental Services: A Study on Personalization and Operational Strategies	Ankit kumar
18.	Machine Learning-Based Movie Suggestion Engine	Ayush Kumar
19.	COMPARITIVE ANALISYS OF MACHINE LEARNING MODELS	Sk. Shayaan Haque
20.	Waste Segregation using IOT and CNN object classification	Prashanth N

## Technical Session-3C

### 27/04/2025 – Virtual

## Room Name-Parallel Room-3

### Technical Session 3C – Parallel Room - 3

S.NO	Paper Title	Author Name
01.	Robotics in Smart Farming	Rahul yadav
02.	A Novel Contactless Inductive Method of Charging for Electric Vehicle	A.Arikesh
03.	Sequence-Level Malware Classification Using GPT-2 Fine-Tuned with Low-Rank Adaptation	subhameena
04.	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
05.	CAR POOLING	AMIT YADAV
06.	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
07.	INFLUENCE MAXIMIZATION USING GRAPH ATTENTION MODEL AND INDEPENDENT CASCADE MODEL	YOGITA CHAND
08.	Face Recognition and Sentiment Analysis using CNN	Vivek Sharma
09.	Sustainable Livestock Farming in Climate Sensitive Region	Vibhor Upadhyay
10.	AI-Powered Driver Drowsiness Detection And Lane Change Monitoring System	Indu J



### Technical Session 3C – Parallel Room - 3

S.NO	Paper Title	Author Name
11.	Experimental Investigation on Self-Healing Concrete incorporated with nano silica for Sustainable Construction	ARRA SAITHEJA
12.	A Comprehensive Literature Review on Public Opinion from Microblogs during Elections in India	Ms Bhumika Jayantilal Patel
13.	optical character recognition	aryan saifi
14.	ChatBot using Python	sumeet kumar
15.	Pneumonia Prediction Using Machine Learning and Deep learning	Ranga Roshan
16.	A Comprehensive Framework for Load Balancing in Data Centers Utilizing CloudSim	Tushar Panwar
17.	Three Dimensional Printing Technology in Knitwear Textile Advancing Sustainable and Functional Fabrication through Flexible Polymers	Isshita Bajaj
18.	Detecting Parkinson's Disease with Voice Analysis and Machine Learning	Santosh M
19.	AI-Driven Personal Entrepreneurship Coach for Students	DHARANI PRASANNA G
20.	Predictive Models for Disease Outbreaks: Leveraging Deep Learning and Big Data for Public Health	Bhabya Rani

## **Technical Session-3D**

### **27/04/2025 – Virtual**

## **Room Name-Parallel Room-4**

### Technical Session 3D – Parallel Room - 4

S.NO	Paper Title	Author Name
01.	Climate-Driven Epidemic Forecasting System (CliDEF)	Gyanendar Kumar Tiwari
02.	Student Grade Prediction using Machine Learning	Akhilesh Singh Maurya
03.	Wedding Hall Booking App Concept Document	S. SelvaKumar
04.	CYBERGUARD: DEEP LEARNING FOR SAFER SOCIAL MEDIA	Dhanvanth Giri
05.	Lane Line Detection using Deep Learning Model	Ishan Upadhyay
06.	ENHANCING CAMPUS SURVEILLANCE: TEMPORAL SEGMENTATION FOR BEHAVIOR ANALYSIS	Ambati Venkata Nageswaramma
07.	Plant Disease Detection System Using Deep Learning	Sudhanshu Singh
08.	Facial Recognition Based Attendance System	AMAN DWIVEDI
09.	Speech to Sign Language Translator	Navin Kumar
10.	Intelligent Waste Reporting Towards Cleanliness of India on Sustainable Terms	Harsh Negi

### Technical Session 3D – Parallel Room - 4

S.NO	Paper Title	Author Name
11.	Detection of Counterfeit Products using Private Blockchain	Pushparani M K
12.	Fresh Fusion	Aaryan Tyagi
13.	BREATH EASY: A LOW-COST VENTILATOR SYSTEM WITH OXYGEN MONITORING	Smita Agrawal
14.	Exploring the Potential of Wind-Powered Roof Ventilators for Sustainable Energy Solutions	Adesh Nirmal
15.	Emerging Trends in Machining with Hybrid Nanofluids under Minimum Quantity Lubrication (MQL)	Virag A Timbadia
16.	A Novel TCN-Based Graph Neural Network for Intrusion Detection System in IoT using UNSW-NB15 Dataset	Siddhi Thorat
17.	Smart Shoals: AI-Powered Detection of Fish Shoals in Real Time	Hariraj K
18.	Digital Doppelgangers: Navigating AI-Generated Identities in the Age of Virtual Interaction	Namit Jain
19.	AI-Powered Scraping: Understanding User Queries and Extracting Web Content	Mutyalu Pilli
20.	AI-Based Parkinson's Disease Detection and Assessment: Integrating Evaluation for Enhanced Diagnosis	Manvi Pruthi



## **Technical Session-4A**

### **27/04/2025 – Virtual**

## **Room Name-Parallel Room-1**

### Technical Session 4A – Parallel Room - 1

S.NO	Paper Title	Author Name
01.	Driver Guardian: AI-Powered Drowsiness Monitoring System for Enhanced Road Safety	Mattegunta Nithin Dasi Tirupal
02.	Generating Clear Speech from Speech-Impaired Audio Using LoRA-Finetuned Whisper Models	T P Shriambhikesh
03.	Integrating Multi-Agent AI Systems for General Disease Classification in Routine Diagnostic Practices	Shivam Hans
04.	A Study on RNA-seq of Liquid Biopsy and ML Models for Cancer Detection	Ajwadh Jalal
05.	Enhancing Accessibility and Communication Through ML-driven Sign Language Recognition and Assistive Virtual Interaction	Navaneeth Jain S L
06.	Optimized Train Route Planning with Berth Availability Constraints: A Graph-Based Approach	Aditya Gaikwad
07.	Wedding Hall Booking App Concept Document	S. SelvaKumar