

Session 1(Offline) AB-1 119 2:30PM	
Session Chair 1: Prof.Sandeep Kumar Panda (ICFAI University, 8895081701) Session Chair 2: Prof.Aditya Kumar Sahu (SRM-AP University, 9439336373) Session Chair 3: Prof. M.Suneetha, VR Siddhartha University, AP, India (8500319748) Session Chair 4: Dr Aravapalli Rama Satish, VIT AP University, (9959642424) Student Volunteer: Jaya Keerthi (8142614307)	
CMT PAPER ID	Presentation Title and Presenter's Name
1	Title: Hybrid Password Strength Classification Using Rule-Based Detection and Ensemble Learning Approaches Presenter Name: Saswat Kumar Pandey
2	Title: Optimized Lightweight Intrusion Detection for Simulated Edge-Based Cyber-Physical Systems Presenter Name: Pratik Kumar Swain
55	Title: An SE-Transformer- BiLSTM Framework for Accurate Knee Osteoporosis Classification from X-ray Images. Presenter Name: Sudhir Kumar Sangula
108	Title: Human-Following Robot: Smart Assistance Using Ultrasonic and IR Sensors Presenter Name: Rajani Madireddy
110	Title: PathFinder: An NLP Chatbot for Enhancing Student Access to College Information Presenter Name: Mallu Mounith Reddy
114	Title: A Decision-Level Fusion Framework for Adaptive Multi-Factor Biometric Authentication in Mobile Banking Presenter Name: Hasan Naji
121	Title: An Intelligent Hybrid Deep Learning Model for Early De-tection of Cutaneous Melanoma Presenter Name: Amaresh Kumar Mohanty
290	Title: Blockchain-Enabled Medical Data Sharing with Privacy Preservation Presenter Name: D. Siva Nagaraju
296	Title: A Lightweight Blockchain Framework for Smart IoT Networks Presenter Name: R.Swanth Kumar
299	Title: A Decentralized Authentication System Using Blockchain Technology Presenter Name: K.Nagaraju

Session 2(Offline)AB-1 309 2:30PM**Session Chair 1: Prof .Vara Prasada Rao, (ICFAI University, 9493841318)****Session Chair 2: Prof. Sirisha Potluri, Hyderabad University (9963349962)****Session Chair 3: Prof. Suneeta Satapathy, SOA University, Odisha, (7008616162)****Session Chair 4: Prof. Soumya Ranjan Sahoo, (9658834206). VIT AP University, AP, India****Student Volunteer: Kavita L (9989697667)**

CMT PAPER ID	Title of the presentation and Name of the presenter
144	Title: Grad-CAM++ Enhanced Explainable ResNet-18 Model for Automated Diabetic Macular Edema Detection Presenter Name: Chiranjeevi Ashok Kumar. Y
145	Title: DeScallopNet: Learning-Based Scallop Estimation Using Virtual SAR Images Presenter Name: Dukka Gowthami
161	Title: Performance Analysis of Pandas, Polars, Duck DB, and Fire Ducks for Modern Data Analytics Workloads Presenter Name: shaik salma
164	Title: BioChain: A Blockchain-Secured Dynamic Identity Framework Using ECG, Sweat Chemistry, and IoT Health Signals Presenter Name: Haasini Varma A
169	Title: Comparative Evaluation of EfficientNetV2-S, EfficientNetV2-M, and EfficientNetV2-L Across Diverse Image Classification Applications. Presenter Name: Dr Johnwesily
170	Title: A Domain-Aware Hybrid Framework Integrating Transformer Models and Traditional Machine Learning for Explainable Fake News Detection Presenter Name: Dr Shaik Salma Asiya Begum
174	Title: Intelligent Selection of Compression Techniques for Multimedia Data Using Machine Learning Presenter Name: Vamsi Darsi
247	Title: Explainable AI-Driven Vision Transformer Ensemble for Grape Leaf Disease Classification Presenter Name: Prasad Banoth
275	Title: Quantum-Enhanced Hybrid Triple Deep Feature Fusion Network for Fine-Grained Bird Species Classification. Presenter Name: Dr.Gokapay Dilip Kumar
311	Title: Privacy-Preserving Data Sharing Using Consortium Blockchain Presenter Name: Srikanth Reddy

18th July 2026, Session 1(Online) AB1-119

Session Chair 1: Dr.Nonita Sharma, IGDTUW, Delhi University (9896255117)

Session Chair 2: Dr.Nihar Ranjan Pradhan, SRM -AP University, Amaravati, AP, India (9438694203)

Session Chair 3: Prof. Seetha Hari, VIT-AP University, AP, India (9492907698)

Student Volunteer: Shaik Asmeen,9553652262

Meeting link: <https://meet.google.com/hrc-jtnq-rne>

CMT PAPER ID	Presentation Title and Presenter's Name
3	Title: Water Quality Prediction framework using Multi Target ML models with SHAP and Uncertainty Analysis Presenter Name: Aditya Ranjan Prusty (9937421545)
10	Title: CopulaGuard: Poisoning-Resistant Intrusion Detection via Tail Dependence Presenter name: Moinak Dey (9123811801)
19	Title: Interactive California Housing Price Prediction System with Conversational AI Presenter Name: Shaik Muzeeb Basha (9182407816)
33	Title: Impact of Online Learning Platforms on Digital Fatigue Presenter Name: Kavita Rani (9896226962)
44	Title: Solar Panel Fault Detection Using Thermal Imaging: An Indian Perspective Presenter Name: Ankit Rathour (9315679670)
53	Title: Theme based Soft Clustering of Text Documents using a Randomized Approach Presenter Name: Nishant Sharma (8894645564)
62	Title: Adaptive Traffic Signal control using Machine learning and real-time data analysis Presenter Name: Piyush Kumar (8887736297)
64	Title: MedFuse-XAI: An Adaptive Multimodal Hybrid CNN-Transformer Architecture with Integrated Explainability for Early Disease Prediction under Data Scarcity Presenter Name: Dr. Sri Lakshmi Parvathi Sitanaboina (7331124798)
65	Title: Green Cloud Computing: A Sustainable Hybrid Grey Wolf and Firefly Optimization Approach for Energy-Aware Task Scheduling in Heterogeneous Environments Presenter Name: M Preeti Priya (9348840277)
68	Title: Reinforcement Learning and Explainable AI for Neonatal Clinical Decision Support: Taxonomy, Challenges, and Future Directions Presenter Name: Anusha Sigirisetty (9505755788)

Session 2(Online) AB-1 303

Session Chair 1: Dr. Shruti Mishra (VIT-Chennai, India, 9776055687)

Session Chair 2: Prof Satya Sundara Mohapatro, PSIT, Kanpur, India,9437229391)

Session Chair 3: Dr. Udit Narayana Kar, VIT-AP University, AP, India (9090718230)

Meeting link: <https://meet.google.com/kvr-igfv-gpe>

Student Volunteer:A Bhargavi (9989486609)

CMT PAPER ID	Presentation Title and Presenter's Name
69	Title: Automated Chat Abuse Detection System: A Hybrid Approach Using Distilled Transformers and Heuristic Patterns Presenter Name: Anusha Sigirisetty (9505755788)
72	Title: Data Insightify: A Unified Web-Base Framework for Automated Exploratory Data Analysis and Baseline Machine Learning Presenter Name: sundaleni Niroop (9490342500)
81	Title: Interpretable Poverty Prediction in Equatorial Nations Using Random Forest, SHAP, and K-Means Clustering Presenter Name: Leela Rani N (8897836062)
88	Title: Reinforcement Learning-Based Optimal Page Replacement Policy Using Deep Q-Networks Presenter Name: Harshal (7303224866)
97	Title: Grid Search Cross-Validation Inspired Combinatorial Analysis of Evolutionary Biological Operators for Heart Disease Prediction Presenter Name: Venkata Anusha Kolluru (9951615749)
101	Title: Causal and Generative Counterfactual Explanations for Black-Box Time-Series Anomaly Detection of ECG Data Presenter Name: Aadhya N Nadig (7358660647)
112	Title: A Cross-Generational Study on Digital Engagement and Emotional Well-Being Using NLP, Machine Learning and Explainable AI Presenter Name: Dr. Manisa M. More (9511775185)
119	Title: Enhancing SIEM Systems with IDS Integration and Behavioral-Analytics Using the ELK Presenter Name: Rahul V (9380137646)
120	Title: A Multimodal Deep Learning Framework for Personalized Mental Health and Emotion Recognition Presenter Name: Samudrala Srilatha (8186912256)
123	Title: A Hybrid Model Using ML Approach for Autism Screening using BiLSTM Presenter name: Poornima Harshini Nadendla (8919825338)

Session 3(Online) AB-1 304**Session Chair 1: Dr. Bibhuprasad Sahu, SIT University, Hyderabad, India (9861602690)****Session Chair 2: Dr. Subasish Mohapatra, OTR, Bhubaneswar, Odisha, India, (9437319132)****Session Chair 3: Dr. Tauseef Khan, VIT-AP University, AP, India (7908229952)****Meeting link: <https://meet.google.com/sck-zhue-cca>****Student Volunteer: Swetha V Padmavathi (9409402888)**

CMT ID	Presentation Title and Presenter's Name
125	Title: Deep Convolutional Multi-Model Incorporation Strategy for Automated Vertebral Fracture Identification Presenter name: Jaya Prasanth Morusupalli (9391481739)
126	Title: Deep Learning Enabled Fruit Freshness Recognition and Shelf-Life Estimation Presenter name: Sanika Gonjari (7083370606)
129	Title: AI Based Visual Language model for Network Intrusion Detection System Presenter name: Pratap singh (9527366149)
130	Title: DeepFaceAuth: An Efficient Framework for Face Authentication Presenter name: Sharwari Kshirsagar (9049557789)
132	Title: EdgeMedBench: Benchmarking Small Language Models for Medical Question Answering Under Resource-Constrained Conditions Presenter name: Ireddi Rakshitha (8008131387)
133	Title: Explanation for Thyroid Carcinoma Detection from Ultrasound Images with Explainable AI and Deep Learning Presenter name: Rohith Metuku (9390257740)
136	Title: DEEPGEAR: AI-Driven Predictive Maintenance for Industrial Machines Using Hybrid LSTM-XGBoost Framework Presenter name: Praveen Kumar Nallabariki (9154879440)
138	Title: Explainable Deep Fuzzy Based Image Retrieval Presenter name: Hari Shankar Punna (9885550466)
143	Title: Optimizing Pathfinding for Autonomous Fire-Rescue Agents: A Risk-Aware A* Approach Presenter name: Arav Kilak (8114428601)
146	Title: Deep Learning Driven Adaptive Optics Control for Beam Wander and Scintillation Compensation Presenter name: Mangaiyarkarasi N (7708729772)

Session 4(Online) AB-1 309**Session Chair 1: Dr. Gouse Beig Mohamod, Vardhaman College of Engineering, Hyderabad, India, (9959593404)****Session Chair 2: Dr. Nidhi Agrwal, Galgotias University, New Delhi, India (9810552448)****Session Chair 3: Dr. A Shanthi, VIT-AP University, AP, India (8332913454)****Meeting link: <https://meet.google.com/ypd-hixp-upo>****Student Volunteer: Mahaboob Subhani Shaikh (9966786741)**

CMT ID	Presentation Title and Presenter's Name
148	Title: WhisperNet: A Three-Layer Privacy Stack for Decentralized LLM Inference Combining Identifier Removal, Anonymous Routing, and Differential Privacy Presenter Name: Abhinav Krishna V P (8089030270)
157	Title: Machine Learning Based Energy Consumption Prediction for Sustainable Smart Buildings Presenter Name: Vrishab Cherukula (7075250066)
158	Title: AI-Enabled IoT Sensor Networks for Resilient 6G Healthcare Communication Systems Presenter Name: Laxmi Chandrahaas Donthula (7569615319)
162	Title: Deep Learning-Based Intelligent Framework for Skin Cancer Detection Using Skin Lesion Images Presenter Name: Anil Kumar Biswal (7008359478)
165	Title: Recent Advances in Open LLM - based Natural Language to SQL Query Generation. Presenter Name: Pratap singh (9527366149)
166	Title: An Explainable and Generative AI Approach for Bug Priority Prediction Presenter Name: Parnika J (9482515867)
167	Title: The TRUST Framework: Formalizing and Validating a Multidimensional Model for AI Adoption within Organizations Presenter Name: Sateesh Goottumukkala (8494933330)
172	Title: AI powered smart resource allocation in colleges Presenter Name: Shivam Gupta (8287441144)
173	Title: Artificial Intelligence and Edge Computing based Framework for Cyber-Physical and Communication Systems Presenter Name: Munish Kumar (9671502537)
181	Title: Metaheuristic-Based Node Localization in WSNs: Comparative Analysis of BH, TLBO, and Hybrid BH-TLBO Presenter Name: Vadde Pallavi (9182271102)

Session 5(Online) AB-1 314**Session Chair 1: Dr. Mohamed Sirajudeen Yoosuf, Modern College of Business and Science, Bowsher, Muscat, Oman (7200805880)****Session Chair 2: Dr. Shweta Sankhwar, Delhi University ,9616566276****Session Chair 3: Dr. Mohan Allam, VIT-AP University, AP, India, 9440314900****Meeting link: <https://meet.google.com/moh-zeex-krc>****Student Volunteer: Saptagiri Miriyala (9886049749)**

CMT ID	Presentation Title and Presenter's Name
182	Title: Optimizing Node Localization In WSN (Wireless Sensor Networks) Using Advanced Metaheuristic Algorithm HYBRID(MFO-GA) Presenter Name: Ishaan Srivastava (9182271102)
202	Title: Plant Disease Identification and Classification from Leaf Image Using Deep Learning Approach Presenter Name: JINUGU RANJITH (9581229225)
212	Title: Selective Feature Regularization for Continual Learning in Wearable Human Activity Recognition Presenter Name: Firdouse Shaik (8688215260)
215	Title: SmartSummarizer: A Unified Cross-Lingual Multimodal Summarization Framework for Enhancing Student Learning Presenter Name: Yara Shreya (6305950180)
217	Title: DSMEC: A Dense Stacked Meta-Ensemble Classifier for Cardiovascular Disease Prediction Using Clinical and Lifestyle Features Presenter Name: Akkshaya G (7200598642)
223	Title: Low-Cost Arteriovenous Fistula Monitoring Device Presenter Name: Hanija Edupuganti (9102938752)
224	Title: A Hybrid Quantum GAN Framework for Brain Tumor MRI Image Generation Presenter Name: Yakub Pasha Mohammad (9951379231)
225	Title: MoFiLoc: A Motion-Aware Hybrid Indoor Localization Framework for Stable Room-Level Classification on Smartphones Presenter Name: Akshat Gupta (8870360078)
228	Title: YOLOv8 and CNN Two-Stage Framework for Traffic Sign Detection and Classification Presenter Name: Viraj Raghunath Sonawane (7304232646)
233	Title: A Novel Unified Web-Based Platform for Sending Notifications Among Cloud Services Infrastructure Presenter Name: Senthur Kumaran Karthikeyan (9952660440)

Session 6(Online) AB-1 319**Session Chair 1: Dr.Moniak Mangala, (Dawarkadas J Sanghvi College of Engineering, Mumbai), India (9320561216)****Session Chair 2: Dr. A.Pramod Kumar, CMR Engineering College, Hyderabad, India (9000159660)****Session Chair 3: Dr.N Md Jubair Basha,VIT-AP University, AP, India (9652564800)****Meeting link: meet.google.com/dbt-iqys-ofd****Student Volunteer: Jainabbi Banda (9052569668)**

CMT ID	Presentation Title and Presenter's Name
239	Title: QKD-Enabled Secure Healthcare Data Protection Framework for IoT Edge Cloud System Presenter Name: Nijanthan Jayavel (9025771359)
242	Title: Design of an Intelligent Spectral Agro-Digital Twin Fusion Framework with Evolutionary Pathology Intelligence for Early Crop Disease Diagnosis and Yield Loss Minimizations Presenter Name: Gundagani Mahendraswaroop (6305533167)
258	Title: AI-Driven Secure Traffic Flow Management Using PPO in Software Defined Data Center Networks Presenter Name: Chiranth Selar (8495847713)
270	Title: Dynamic Cloud Service Composition Based on Contextual Temporal Information and Fuzzy Entropy Weight TOPSIS Presenter Name: V N V L S SWATHI (8008527458)
277	Title: A Semantic-Aware Framework for Financial Sentiment Analysis and Market Movement Analysis for NIFTY 50 News Using KG-RAG with Llama 3 Presenter Name: Shruti Rana (9315572484)
283	Title: An Envelope-Based Clear Sky Model for Direct Normal Irradiance Using ASHRAE Exponential Attenuation and Optimization Techniques Based on Measured DNI Data Presenter Name: Vivek Sharma (8249960285)
152	Title: Edge-Driven Cognitive Vision Framework for Real-Time Disaster Response Using IoT and Deep Signal Processing Presenter Name: Kondapalkula Sri Charan Rao (8639556167)
156	Title: AI-Driven Personalised Learning Tutor: An Adaptive Framework for Student-Centred Education Presenter Name: Kondapalkula Sricharan Rao (8639556167)
160	Title: WalkGen: A Sustainable Energy Generation Model through Piezoelectric Walkways Presenter Name: Mr. Ghana Sai K (8639556167)
183	Title: Dynamic Embedding-Enhanced Data-Efficient Transformer Framework for Robust Multi-Camera Face Tracking Presenter Name: Kumaran P (9962020364)