

International Conference On Connected Intelligence for Industrial Applications (CI2A - 2026)

(3rd , 4th & 5th April 2026)

Organized by:
Department of Computer Science and Engineering, Akal University, Talwandi sabo



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CONFERENCE SCHEDULE

Day 1 (3rd April 2026)

Meeting Link for All Conference Sessions (All Days): <https://us06web.zoom.us/j/81857395864?pwd=A9oihveNcpkmvFLgS2cOactX0pWvVW.1>

8:00 AM - 10:00 AM	Registration	
10:00 AM - 10:30 AM	Inauguration Ceremony	
10:30 AM - 11:10 AM	Keynote Talk - I	Prof. Gurpreet Singh Dhillon, John Becker Dean of College of Business Administration, University of Nebraska, US
11:10 AM - 11:50 AM	Keynote Talk - II (Venue 1)	Prof. Amir H. Gandomi, University of Technology, Sydney, Australia
11:10 AM - 11:50 AM	Invited Talk - I (Venue 2)	Prof. Gurpreet Singh Lehal, Senior Project Consultant, IIIT Hyderabad
11:50 AM - 12:30 PM	High Tea	
12:30 PM - 1:00 PM	Keynote Talk - III (Venue 1)	Prof. Vandana Sharma, Christ University, Delhi NCR Campus, India
12:30 PM - 1:00 PM	Invited Talk - II (Venue 2)	Prof. Ravinder Singh, Head of Digital & System, Cabinet office, Govt Campus for skills, UK
Lunch Break		
2:00 PM-3:00 PM	Invited Talk - III	Prof. RK Sharma, IIT Delhi
3:00 PM - 3:30 PM	Invited Talk - IV	Mr. Abhishake Reddy Onteddu, DPR Solutions INC, USA
3:30 PM - 4:00 PM	Invited Talk - V	Dr. Isha Batra, Lovely Professional University, Punjab
4:00 PM- 5:00 PM	Invited Talk - VI	Prof. Celestine Iwendi, University of Greater Manchester (Bolton), UK
5:00 PM - 6:00 PM	Invited Talk - VII	Mr. Venkateswara Varma Srivatsavaya, Principal Solutions Architect, Cloudera, USA
6:00 PM - 7:00 PM	Invited Talk - VIII	Mr. Gaurav Roy, Senior Program Manager, EY US LLP, USA

Day 2 (4th April 2026)

10:00 AM - 11:00 AM	Keynote Talk - IV	Prof. Halim Budi Santoso, Universitas Kristen Duta Wacana, Indonesia
11:00 AM- 12:00 PM	Invited Talk - IX	Prof. Mahipal Jadeja, Malaviya National Institute of Technology (MNIT), Jaipur, India
12:00 PM - 1:00 PM	Invited Talk - X	Prof. Prakash Velusamy, Data Scientist, CVS Health, Phoenix, Arizona, USA
Lunch Break		
2:00 PM-3:00 PM	Invited Talk - XI	Prof. Ghulam E Mustafa Abro, Aarhus University, Aarhus C, Denmark
3:00 PM - 4:00 PM	Invited Talk - XII	Prof. Deep Singh, Dr. B R Ambedkar University, New Delhi
4:00 PM- 5:00 PM	Invited Talk - XIII	Prof. Sita Rani, Guru Nanak Dev Engineering College, Ludhiana
5:00 PM - 6:00 PM	Invited Talk - XIV	Mr. Rambabu Tangirala, Senior Data Engineer, Amiti Consulting INC, USA
6:00 PM - 7:00 PM	Invited Talk - XV	Mr. Qiaoyuan Li, Senior Data Scientist, CVS Health, USA

Day 3 (5th April 2026)

9:00 AM - 10:00 AM	Invited Talk - XVI	Prof. Mehar Chand, President, MTF, India
10:00 AM - 11:00 AM	Invited Talk - XVII	Prof. Vishnu Pendyala, University Senator and faculty member in Applied Data Science at San Jose State University, US
11:00 AM- 12:00 PM	Invited Talk - XVIII	Prof. Sanjeev Malik, Indian Institute of Technology (IIT) Roorkee, India
12:00 PM - 1:00 PM	Invited Talk - XIX	Prof. Valliappan Raju, GISMA University of Applied Sciences, Germany
Lunch Break		
2:00 PM-2:45 PM	Invited Talk - XX	Prof. Jacintha Menezes, Majan University College, Ruwi, Sultanate of Oman
2:45 PM-3:30 PM	Invited Talk - XXI	Prof Lalit Garg, University of Malta, Malta
3:30 PM Onwards	Valedictory Ceremony	
5:00 PM-6:00 PM (High Tea)		

1:00 PM - 2:00 PM : LUNCH BREAK

POSTER PRESENTATION SCHEDULE (Internal Only)

Day 1 : April 3, 2026 (Friday)
Time: 2:00 PM - 2:30 PM
Venue : Ground Floor

PAPER PRESENTATION SCHEDULE

Day 1 : April 3, 2026 (Friday)

Venue : Seminar Hall (2nd Floor)
Session Chair Person : Dr. Mehr Chand & Dr. Vandana Sharma
Co-ordinator : Mr. Zubair Fayaz
Meeting Link : <https://meet.google.com/rxh-gkke-umu>
Special Session: Bhargava Varma Konduru, Sr. Product Manager, Analytics, Amazon
Parallel Session : 1

Time & Session / Track	Paper ID	Authors Name	Paper Title
PS - 1 2: 00 PM - 3: 30 PM	1	Sai Bhavya Reddy Asadi,Chakravarthy Srinivas Gandu,Anitha Sivalasetty,Manikya Prasuna P,Sailakshmi Lakkakula	Secure Automatic Code Generation using Federated Learning and Transformer Models.
	6	Pooja S. Sudharshana N, Vaishali S	Selfie Capture Using Smile Detection
	988	Shalu Gupta, Manpreet Kaur, Tejinder Singh	A Comparative Analysis of Shape Descriptors in Deep Learning-Based Real-Time Object Detection
	1177	Amandeep kaur Upinder Kaur	Comparative Study of Ophthalmic Datasets for Automated Eye Disease Diagnosis
	1184	Malik Muzamil Ishaq, Dr. Upinder Kaur, Pankaj Kumar Sethi	A Hybrid Machine Learning and Deep Learning Framework for Cyberbullying Detection in Social Media Text
	1185	Dr. Upinder Kaur and Sukhjinder Kaur	A Federated Learning Framework for Privacy-Preserving Multiclass Eye Disease Diagnosis
	989	Shalu Gupta, Ningombam Subadani Devi, Rajinder Kumar	A Systematic Review on Brain Imaging for Neurological Disease Detection for Real-Time
	10	Vikash Kumar, Guru Prasad M S, Prithviraj, Madhusudhana K	Federated Learning-Based VGG16 Framework for Multi-Class Lung Cancer Classification from Histopathological Images

Day 1 : April 3, 2026 (Friday)
Venue : C-304 Lab
Session Chair Person : Dr. Parneet Kaur & Dr. Menakashi (CUP)
Co-ordinator : Ms. Nancy Mittal
Meeting Link : <https://meet.google.com/nsk-cvwd-ocp>
Special Session: Prashanthi Gutha, Digital Software Engineering Lead, Citi
Parallel Session : 2

Time & Session / Track	Paper ID	Authors Name	Paper Title
PS - 2 2: 00 PM - 3: 30 PM	32	Mrs. Thilagavathi C, Sivabharath B, Siva Prakash R S, Sudarsan Balaji S	Smart Tourist Safety Monitoring Using AI, Blockchain, and IoT with Geo- Fencing Alerts
	33	Subha S, Dhakshaniya T, Harshinika S, Latchiya Keerthi S, Muthu Bharani P	A Machine Learning-Based Approach for Cyber Threat Detection and Prevention for IT industry
	39	Gaurav D Tivari, Satvik V Khara, Mayuresh Kulkarni, Monali Suthar	Transformer-Augmented Generative Adversarial Networks for Multi-Modal Super-Resolution in Low-Dose CT Imaging
	46	Makanyadevi K ; Rithvika Vivek	CLOZET: A Mobile-Based Smart Wardrobe Management System - Survey and Blueprint
	49	Dr. D. Menaga, Roshan P M, Sangamithra M	SafeBin: Waste Monitoring and Sharp Object Detection for Animal Welfare using YOLO based Vision
	50	Ganesh R, Arikaran S, Dr Revathy S, Akhilesh R, Aromal A., Dr Robinson Joel	KEPChain-Enabled Blockchain Voting System for Secure Educational and Organizational Elections
	51	Gunapriya D, Pushpalatha N, Pranav kumar S, Mohammed Rafi S, Tharun C M, Swetha A	AI-Based Smart Fire Detection and Suppression System for the Firecracker Industry
	53	Deepika Kataria,Chirag Miglani,Devpratap R Singh,Ishaan Verma,Shreya Kanthal,Manas	A Comprehensive Comparative Study of Predictive Models for Heart Disease: Highlighting the Precision of Gradient Boosting

Day 1 : April 3, 2026 (Friday)
Venue : D-301 Lab
Session Chair Person: Dr. Sukhwinder Singh Saran & Dr. Chitanaya Singla
Co-ordinator : Ms. Makinder Kaur
Meeting Link : <https://meet.google.com/kcn-gcht-gcc>
Special Session: Arjun Shivarudraiah, Senior Software Engineer, Meijer
Parallel Session : 3

Time & Session / Track	Paper ID	Authors Name	Paper Title
PS - 3 2: 00 PM - 3: 30 PM	56	S. Marisargunam, Nevil Joe Ferdin P, Maria Betsy G	Smart Zone Based Appliance Automation Using Computer Vision
	58	Sreenivasulu Thimmapuram, V. Gopi, Reddepalli Mahesh, Thurupunati Bhaskar Reddy, K Dishoja, Mitta Likitha	Bird Sound Classification Using EfficientNetV2
	63	Bakiyalakshmi S, Melvin Jones P, Muthu Manickam M	GYANSLATE: Transforming Rural Education Through Contextualized and Multilingual Mobile Learning Solutions
	68	Geetha M, Pushpalatha N, Evanjelin Esther Thangam S, Shree Mithra K C, Mahesh Boopathi M,Tamilarasu A	Smart Cattle Management System
	80	Nandhini Priya E, Nithil D, Prathkshana R K, Sindhuja D	Proximity Triggered Safety and Instant Notification System
	81	Sibipranav K, Srinithi T A, Subasri B, Dr. M. Rajkumar	Future-Forward Eco-Design via Structured Multi-Criteria Decision Making (FEDS-MCDM): An Intelligent Framework for Sustainable Construction Assessment
	84	Sadasib Padhy, Sumati Baral	Early Detection of Mental Health Patterns Using Multimodal AI
	86	Kiran Narang	Intelligent Reliability Allocation for Component-Based Systems Using Multi-Objective Optimization: A Data-Driven Framework (ARAML)

Day 1 : April 3, 2026 (Friday)
Venue : Seminar Hall (2nd Floor)
Session Chair Person : Dr. Tejinderpal Singh & Dr. Harpal Singh
Co-ordinator : Mr. Rohit Bhardwaz
Meeting Link : <https://meet.google.com/ujs-bujj-vzr>
Special Session: Yalamanchili Ravi Krishna, QA Data Analyst, Brightspring Health Services
Parallel Session : 4

Time & Session / Track	Paper ID	Authors Name	Paper Title
	89	Akalya N , Akshaya K P , Dinesh Kumar R T	An Adaptive Intelligence Assisted Learning Environment for Sustainable Agriculture Skill Development
	91	Angeline M Flashy, Nithya R, Kolanchinathan V P, Sreedevi S, Pravin P, Shanker N R	Enhancing Security in Quantum Communication: BB84 Protocol Simulation Utilising QKD

PS - 4 30 PM - 5:00 PM	103	D. Rajapriya, Mahmoud Odeh, .Pauraj Jayasimman, Shanthi S R, Bh.Prashanthi, Ramya M	Dynamic Graph Neural Network Model for Predictive Traffic Control in Smart Urban Mobility Systems
	104	Vinothkumar C, Mohammad Omar Sabri,S Prabhakaran, Geetha C, J. Alekhya,Ramya M	Vision-Based Intelligent Quality Control of Paint-Coating Processes Using CNN
	122	Jayasankari S, M.Sudha, M. Birunda devi, G.Revathi, S.Thenappan, A. Abirami	Attention-Guided CNN for Multi-Class Breast Cancer Histopathology Image Classification
	123	Priya Devi T, Ramesh S M, Priya Sethuraman, Vijay Albert William M, A. Abirami, A. Marlyn Rose	A Lexical Feature–Driven Framework for Intelligent Malicious URL Detection Using Machine Learning
	124	D.Maithra, J.Udhayakumar	AI-Driven Insights into Neuromarketing and Social Media Engagement for Enhancing Brand Loyalty
	125	Bakiyalakshmi S, Loghashri C, Pooja P	Comparative Analysis of Transformer-Based Models for Semantic Image Captioning and Question Generation

Day 1 : April 3, 2026 (Friday)

Venue : C-304 Lab

Session Chair Person : Dr. Achyut Shankar(Bennett University, UP) and Dr. Manish Kumar

Co-ordinator : Mr. Rashid Rafiq Shah

Meeting Link : <https://meet.google.com/rbq-wywh-omh>

Special Session: Akshay Kumar Darla, Sr. Software Engineer, Tata Consultancy Services

Parallel Session : 5

Time & Session / Track	Paper ID	Authors Name	Paper Title
PS - 5 30 PM - 5:00 PM	136	Selvanayagi A, Abinaya M, Dhanusuya K, Karena Jonemary J	Voice and Vision-Enabled Grocery Helper: A Shopping Companion Utilizing AI Technology for Users with Visual Impairments
	140	Vineet Kumar Rathod, Meenu Gupta, Rakesh kumar, Ajay Chandrakant Bhosle	A Stream Processing for Cred Fraud Detection using Machine Learning Models
	141	Jaspreet Singh, Meenu Gupta, Rakesh Kumar, Samuel Tensingh	Integrating Explainable Artificial Intelligence for Robust and Transparent Cardiovascular Risk Stratification
	151	V.Saravanan, V.Samuthira Pandi, Mohammad Kanan, Mary kannidi, Johnsi Rani J, K. Umamaheswari	Improving the Stability, Efficiency, and Durability of Battery Storage via IIoT-Driven Battery Management for Renewable Energy Systems
	159	Vijayalakshmi V, Shobana D, Riham Alkabbji, Sourabh Kumar, Dhandapani Samiappan, G. Karthikeyan	Evaluation of 5G IoT networks: Modernized Blockchain-Based Validation and secure Framework
	165	Dr. C. A. Subasini, Elizabeth Chrysolite E, Ishwarya M	CARGOKREIS - A Smart Logistics and Cargo Management
	191	K. Madhusudhan Reddy, A. Rajalingam, G B Renuka, S. Nagendiran, Mohyedind Hamza, Shajahan. N	Quantum Computing-Based Cyber-Resilient Edge-Cloud Systems for Disaster Management: An Innovative Method for Emergency Planning in High-Risk Situations
	212	D. Weslin , R. Hannah Lalitha, S. Regilan, S.M. Shahul Hameed, R. Yogesh,	Secure Enhanced AES: Next-Gen Encryption for Resilient Data Security in a Threat-Driven World

Day 1 : April 3, 2026 (Friday)

Venue : D-301 Lab

Session Chair Person : Dr. Simpel Jindal & Dr. Harmandeep Kaur

Co-ordinator : Mr. Hyder Ali

Meeting Link : <https://meet.google.com/tkg-wxkv-jao>

Special Session: Dheeraj Velaga, Software Developer Engineer, Capital One Financial

Parallel Session : 6

Time & Session / Track	Paper ID	Authors Name	Paper Title
PS - 6 30 PM - 5:00 PM	213	Nagendra Rakesh.N, Jaya Sakthi S, Rajesh V, Chandresh B V, Pradeep.S, Ganeash Vasanth	Noise Reduction and Image Enhancement in Satellite Imagery: Innovative Approaches for Accurate Remote Sensing
	215	R Sri Devi , Thiruvalar Selvan	Technology-Driven Needle-Free Injection Systems: Accuracy, Safety and Sustainable Drug Delivery
	221	Surya S, Velvizhi V A, Rajalakshmi B , Adelin Dona E, Daranya R, Sruthi R	Smart Energy Grid - Transformer Line Fault Detection And Classification System
	252	Ravi kumar K, Anju Jayalakshmi R, Bhuvaneshwari C, Durga E	Comparative Analysis of Machine Learning Algorithms for Early-Stage Diagnosis of Prion Diseases using Explainability and Calibration
	261	Akash Shah, Lavina Pahuja, Sandhya Mishra and Ritu Gautam	Hybrid Embedding-Based TextGCN Framework for Depression Detection on Social Media
	274	sunandan barman	Operationalizing Reliability in MLOps: A Case for Continuous Monitoring of Tabular ML Systems
	281	Rahul Joshi, Deepak Upadhyay, Krishna Pandey, Suman Kumari, Mitali Mohanty & Rhythma Badola	Graph-Aware AI Frameworks for Multiscale Biomechanical Process Simulation in Next-Generation Healthcare Systems
	290	Dhanusiya . R , Krishna Priya. D , Nashiha Sulthana.G , Nandhini.S, Chandru.C , Eashwaran.S	Interpretable Deep Learning for Early Detection of Coma in TBI

Day 1 : April 3, 2026 (Friday)

Venue : Seminar Hall (2nd Floor)

Session Chair Person : Dr. Aparna Kumari (NU) & Dr. Amandeep Kaur (CU)

Co-ordinator : Ms. Sukhdeep kaur

Meeting Link : <https://meet.google.com/jqm-twjf-kvj>

Parallel Session : 7

Time & Session / Track	Paper ID	Authors Name	Paper Title
PS - 7 5:00 PM - 6:30 PM	291	Muskan, Kulbir Kaur, Ankita Avthankar, Gyana Ranjana Panigrahi, Harpal Singh	Hybrid ML-NLP Framework with Quantum Embeddings for Semantic Analysis and Multilingual Emotion Understanding
	299	S.Kumaram	An Intelligent Foot Health Monitoring System for Early Detection of Diabetic Foot Ulcers
	307	Bakiyaraj K, Madhubala S,Krishna Kumar B, Lidwin G, Kavitha M, Velankanni Andrea M	Predictive Analytics for Wastewater Treatment Optimization Using ML
	309	J.Nirubarani, Alfya.S. Arun. L, Balaji V, Balasubramani J, Ruban Williams C	AI-Enabled Dynamic Pricing Models for Airline Revenue Management
	314	D.Sathish Kumar, Shradha Garg, Suganya A, P. Praba Devi, R. Chithambaramani, G. Manikandan	Smart EV Charging Infrastructure: Wireless Pad Technology through Highway Light Poles in Navi Mumbai
	315	C.Suganya, Nithiyasri J, Nivethapriyadarshini B R, Sujitha S, Mohan kumar K	A Blockchain-Enabled Digital Twin Framework for Sustainable Portfolio Optimization
	316	B. Sathiyaprasad, N. Preven, D. Selvakumar	Breast Cancer Classification Using EfficientNet and Attention Mechanisms
	319	Subrata Baishnab, Nilam Mahaveer Gorwade , Hemprasad Yashwant Patil	A Hybrid Temporal Feature Encoding Approach for Audio Deepfake Identification

Day 1 : April 3, 2026 (Friday)

Venue : C-304 Lab

Session Chair Person : Dr. Rahul Johari (GGSIPU , Delhi) & Dr. Inderjeet Kaur

Co-ordinator : Ms. Annu Sonani

Meeting Link : <https://meet.google.com/whd-iyzf-cui>
Parallel Session : 8

Time & Session / Track	Paper ID	Authors Name	Paper Title
PS - 8 5: 00 PM - 6: 30 PM	322	Ajit Baral, Bijay Kumar Paikaray, Sumati Baral	Cybersecurity in the Era of Autonomous Artificial Intelligence: Risks, Ethics, and Governance
	334	Karthika I., Sindhumathi R., Suroobika M., Vivetha R S	Living Entity Emulation for Resilient and Adaptive Chain Ecosystems in Real-Time Supply Networks
	337	G Pawan Kumar Reddy, Nilamadhab Mishra	Hybrid ARIMA-LSTM for Intraday Stock Forecasting: Frequency-Dependent Behavior
	345	Pankti Akbari, Jigar Sarda, Devang Bhatt, Avani Khokhariya, AkashKumar Bhoi, Amit Thakkar	A Comprehensive Review of Reinforcement Learning Applications in Intelligent Healthcare
	375	Kashish Shah, Riya Rao, Jigar Sarda, Jignesh Patel, Mahammadsoab Saiyad, AkashKumar Bhoi	A Comprehensive Review of Machine Learning and Deep Learning-Based Load Forecasting for Electric Vehicle Charging Stations
	377	Gautam Kaistha, Anand Shankar Raja M	Tree-Based Ensemble Methods for Non-Performing Asset Recovery: A Comparative Analysis of Bootstrap Aggregation Techniques
	379	Boopathi R., Pandurangachari V., Harishchander Anandaram, Reshma S, Sushma R, Keerthana N V	Investigation of Performance in a Hybrid Vertical Axis Wind Turbine
	386	Ananthi S, Monicka A, Monika S, Samyuktha PK T	Blockchain based Platform for Authentic Medicine Supply

Day 1 : April 3, 2026 (Friday)

Venue : D-301 Lab

Session Chair Person : Dr. Rajesh Kumar & Dr. Pankaj Rahi

Co-ordinator : Mr. Zubair Fayaz

Meeting Link : <https://meet.google.com/ydn-nnav-tye>

Parallel Session : 9

Time & Session / Track	Paper ID	Authors Name	Paper Title
PS - 9 5: 00 PM - 6: 30 PM	390	Shruti Bagde	Deep Fusion of Intensity and Depth Data for Automated Spalling Detection in Tunnel Infrastructures
	397	Konka Phanikumar, CH.V.S.Ranganath, D.Santhosh	Online Pavment Fraud Detection: Using Machine Learning
	403	Ramya A, Gokula Krishnan R C, Sowmiya M, Thaimoor Khan J, Dr.J.Thangakumar	GenSentinel: An AI-Driven Ensemble Framework for Real-Time Insider Threat Detection and Explainable Security.
	405	Mohamed Fawaz. D, Dhanush. M, Dr. G. Sowmiya, B. Aswin, Rishikesh.SS, Dashwanth.P	Analysis of an efficient cim-sram for vlsi applications
	408	Ali Gunawan, Richard Wiputra, Mahaning Indrawaty Wijaya, Rindang Widuri, Mazurina Mohd Ali	IoT, AI, and Generative AI in Smart Tourism: A Systematic Literature Review Using PRISMA
	409	Ali Gunawan, Henkie Ongowarsito	Generative AI and Patient Safety: Insights from a Systematic Literature Review
	410	Makanyadevi K., Deepiga P. Madhumathi K	An Outbreak-Linked Drug Inventory and Supply Chain Tracking System
	411	Ali Gunawan, Henkie Ongowarsito	Generative Artificial Intelligence in Clinical Practice: Impacts on Medical Decision-Making and Outcomes

Day 2 : April 4, 2026 (Saturday)

Venue : Seminar Hall (2nd Floor)

Session Chair Person : Dr. Amandeep Kaur(Chitkara University, Punjab) & Dr. Parwinder Singh (CUP)

Co-ordinator : Ms. Makinder Kaur

Meeting Link : <https://meet.google.com/jzy-dqex-ypu>

Parallel Session : 10

Time & Session / Track	Paper ID	Authors Name	Paper Title
PS - 10 9:00 AM - :30 AM	412	Ali Gunawan, Richard Wiputra, Mahaning Indrawaty Wijaya, Frans Santoso	Designing an Ecosystem-Based AI Framework for Collaborative SME Internationalization: A Design Science Approach
	413	Saravanan S., Poovarasana R, NirmalKannan R S, Nivendhiran K	Image Compression with XOR-MUX Based Approximate Multipliers
	414	Badrinathan B; Dr. A. Deepak; Rajinikanth.V	Comparative Analysis of MobileNet Variants for Accuracy Enhancement in Diabetic Foot Ulcer Classification
	417	Ankur Pathak, Rakesh Kumar, Meenu Gupta, Rahul Ranjan	Explainable Artificial Intelligence for Forecasting Economic Impacts on Mental Health Using Time Series Analysis
	426	Brijkishor Soni, Dr. Savita Shiwani, Dr. Manali Pareek	AI-Based Reverse Engineering of Crime Scene Evidence Using Diffusion Models
	432	Prakash Velusamy, Rajkumar R	Secure and Dependable AI-Enabled IoT Systems for Sustainable Intelligent Computing
	471	Apurba Ranjan Biswal, Sujit Kumar Panda, Lambodar Jena, Premkumar Chithaluru	Latency-Optimized QoS-Aware Hybrid Opportunistic Routing using Reinforcement Learning for Healthcare IoT
	486	Anurag Sharma , Tarun Jangwal	Zero Trust for Resource-Constrained IoT: A Review of Lightweight Frameworks and Energy-Efficient Protocols

Day 2 : April 4, 2026 (Saturday)

Venue : C-304 Lab

Session Chair Person : Dr. L Arun Raj & Dr. Surinder Singh Khurana

Co-ordinator : Mr. Rashid Rafiq Shah

Meeting Link : <https://meet.google.com/qzg-ftzh-ymp>

Parallel Session : 11

Time & Session / Track	Paper ID	Authors Name	Paper Title
PS - 11 9:00 AM - :30 AM	488	Shyam Sunder Agrawal, Neha Sahu, Kuljeet Chourey, Suchita Gupta, V. Seema, H. Samuel Thavaraaj	Opportunities and Risks of Connected Intelligence in Finance and Public Services: Evidence from India
	489	Prakash Velusamy, Rajkumar R	Security Architecture for Edge Computing under Partial Connectivity
	490	Harinder Kaur, Sarabjit Kaur, Atipriya Sharma, Nilesh Shelke	Quantum-Inspired Support Vector Regression with Deep Learning for Gold Price Forecasting
	496	Varsha, Nikhil Sharma, Ashwani Kumar	Deep Learning Framework for Fraud Detection in Highly Imbalanced Financial Transactions
	500	Vishwa Patel, Dr. Moksha Satia	Numerical Modeling of Industrial Heat Transfer Systems Using the Adomian Decomposition Method
	502	Shobhit Kumar, Ayush Singh, Prachi Singh, Tanishka Sharma, Neha Yadav	Real-Time Behavioral Tracking and Depression Detection via OCR and Transformer-Based NLP Analysis.
	509	Janpreet Singh, Ankita Gupta, Nikhil Mangrulkar, Gyana Ranjana Panigrahi, Harpal Singh	A Hybrid Prosodic-Spectral-Textual Deep Learning Model for Multimodal Emotion Recognition

512	Dagogo Godwin Orifame ,Ugochukwu Okwudili Matthew, Renata Lopez Rosa, Nwamaka U. Okafor,Olujemisi Adenike Oyedemi,Pablo Adasme,Obinna Emmanuel Obi-Akwari, Ene Ojaide, Demostenes Z. Rodriguez	Energy Efficiency Optimization through Adaptive Load Balancing Based on IoT Sensor Networks
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Day 2 : April 4, 2026 (Saturday)
Venue : D-301 Lab
Session Chair Person : Dr. Rajesh Kumar & Dr. Pankaj Rahi
Co-ordinator : Ms. Jyotsana Goyal
Meeting Link : <https://meet.google.com/vgb-iev-d-tss>
Parallel Session : 12

Time & Session / Track	Paper ID	Authors Name	Paper Title
PS - 12 9:00 AM - 1:30 AM	517	Mineesha Ranjan Swain, Rudra Kalyan Nayak, Kritika Ghosh, Rajat Jain, Manan Banthia, Muskan Bisen, and Prabhav Sharma	Towards Unbiased Student Burnout Detection: A Hybrid Approach Combining Psychometric, Visual and Acoustic Signals
	519	E Bhargav, P N Siddhartha Naik, S Sandeep, E Shiva Kumar, N Srinivas, K Praveen	Exploring Motor Dynamics with FPGA-Based Control
	521	Rudransh Jena, Swarna Prabha Jena, Rohit Jambulkar, Bijay Paikaray	End-to-End Design of ADAS Software Components: From Simulink to AUTOSAR-Compliant Code
	522	A.L.Ajayjoshuva, J. Shanmugapriyan, Karuppiah Natarajan, V. Mosherani, Sama Vinod Reddy, K Praveen	AI Based Automatic Vaccination Scan System with Temperature and Face Mask Detection for COVID Prevention
	524	Vattela Anjali, Kukkunuru Pallavi, Vadthya Vamshi, K Praveen, Adiraju Ramakrishna, Karuppiah Natarajan	Smart Home Control System with IOT Integration
	526	Bobit Shaju, Nandana C, Adwaith Suresh, Ajay James, Dr. Remya Chandran, Mrs. Neena VV	LifeLink: Real-Time Elderly Monitoring and Safety Monitoring Using Artificial Intelligence
	527	Ashay Mohile, Shiva Kumara, Sathesh P.Sivashanmugam, Sumeet Mathur	A Machine Learning-Driven Framework for Rapid Cybersecurity Incident Response and Mitigation
	533	Rudra Shah, Pankti Chawda, Umesh Bodkhe, Nilesh Kumar Jadav, Genetu Minie, Babalu Kushwaha	Evaluating the Robustness of InceptionV3 Against FGSM and PGD Adversarial Attacks

Day 2 : April 4, 2026 (Saturday)
Venue : Seminar Hall (2nd Floor)
Session Chair Person : Dr. Vandana Mehndiratta & Dr. Yogeesh N
Co-ordinator : Mr. Aijaz Ahmed
Meeting Link : <https://meet.google.com/jxg-zocb-vrf>
Parallel Session : 13

Time & Session / Track	Paper ID	Authors Name	Paper Title
PS - 13 10:30 AM - 12:00 PM	536	Pranshu Gupta, Rakesh Kumar, Simran Kaur, Bijay Kumar Paikaray	Role of Financial Technology in Virtual banking
	539	Km. Poonam, Rakesh Kumar, Rashmi Chauhan, Bijay Kumar Paikaray, Manjula Khulbe	Blockchain Technology Effectiveness in Banking Industry: Existing Challenges and Futuristic Roadmap
	540	Monica Sankat, Prashant Gopalakrishnan	A Privacy Preservation and Transfer Learning Approach for Mahua Leaf Disease Detection and Plant Monitoring Using Real-World Field Data
	542	Monica Sankat, Ram Kumar, Aditya Kumar, Harshit Gupta, Nilamadhab Mishra	Synthetic Image Generation of Monkeypox Lesions Using a Hybrid ACGAN-SRGAN Architecture for Improved Diagnosis
	544	Lipsa Saha, Mohammed Siddique*, Trilochan Rout, Goutam Kumar Mahato, Lalmohan Pattnaik, Bijay Kumar Paikaray	Machine Learning-Based Framework for Financial Performance Prediction
	545	Ram Kumar, Monica Sankat, Heeral Jivnani, Sachi Jha, Mridul Jaiswal, Nilamadhab Mishra	Integrating AI with Agriculture for Early Detection of Apple Scab in Malus Domestica: A Spectral Signature-Based Approach
	552	Alka Chaudhary, Sumendra Yogarayan, Vandana Sharma	BoostSecure: A Dual-Boosting XGBoost-CatBoost Framework for High-Accuracy Replay Attack Detection in VANETs
	553	Alka Chaudhary, Sumendra Yogarayan, Vandana Sharma	Hybrid Explainable AI Models for Accurate and Transparent Intrusion Detection in VANETs

Day 2 : April 4, 2026 (Saturday)
Venue : C-304 Lab
Session Chair Person : Dr. Smita Sharma & Dr. Nitin Pandey
Co-ordinator : Mr. Hyder Ali
Meeting Link : <https://meet.google.com/xkn-suxq-cdf>
Parallel Session : 14

Time & Session / Track	Paper ID	Authors Name	Paper Title
PS - 14 10:30 AM - 12:00 PM	557	Ram Kumar, Monica Sankat, Nilamadhab Mishra, Abhay Singh Chauhan, Amogh Biradar, Dev Deep Narayan	An Integrated NLP System for Sanskrit Transliteration and Text-to-Speech Synthesis
	558	Meenal, Sangeeta Kumari	Transforming Recruitment Systems through Advanced Machine Learning for Bias Reduction and Operational Efficiency
	560	K.A. Asraar Ahmed, V.S. Damodharan, Bijay Kumar Paikaray, Mohammed Mansoor Ahmed Pillai, Prasanna S and 6. Priya L	AI connectedness and mobile shopping behaviour: A Regression-ANN Approach
	561	Mahammadsoaib Saiyad , Praghnes Bhatt ,Jigar Sarda, Akashkumar Bhoi	Modeling and Control of Bidirectional DC-DC Converters for G2V/V2G Applications with CC-CV Charging and SOC-Based Battery Management
	562	Neehara V (Vimal Jyothi Engineering College) , Milsha Benny (Vimal Jyothi Engineering College), Diya Prem (Vimal Jyothi Engineering College)	AI-Driven Virtual Avatar for Reducing Stage Fright and Enhancing Public Speaking
	564	Anjana Ann James, Dr. Nilamadhab Mishra	Robust YOLOv8 Framework for Multi-Class Brain Tumor Detection Using CAM-Guided Loss Weighting and Selective Generative Augmentation
	568	Edidiong Elijah Akpan, Ene Ojaide, Renata L. Rosa, Ugochukwu Okwudili Matthew, Oyedemi Olujemisi Adenike, Nwamaka U. Okafor, Pablo Adasme, Demostenes Z. Rodriguez	SAFHA: An IoT Predictive Analytics for Security and Privacy Protection in Distributed Health System
	571	Rajeev Singh , Ganesh Kumar Yadav , Kanchan Naithani , Laxman Singh	Anemia Diseases Detection Using Machine Learning Approach

Day 2 : April 4, 2026 (Saturday)
Venue : D - 301 Lab
Session Chair Person : Dr. Shalu Gupta & Dr. Manikandan
Co-ordinator : Mr. Rohit Bhardwaz
Meeting Link : <https://meet.google.com/aam-jfdw-grm>
Parallel Session : 15

Time & Session / Track	Paper ID	Authors Name	Paper Title
	573	K.Suresh Kumar, Siddhanth.TS, Vishal.R	AI-Driven Framework for Early Weather Prediction and Disaster Detection using Deep Learning

PS - 15 10:30 AM - 12:00 PM	576	Naveensri D, Meghana Sai P, Reebea Rose L	A Unified Multimodal Intelligence Framework for Real-Time Adaptive Human State Understanding in Conversational Interfaces
	581	Pedapudi Vijaya Bhaskar, Nilamani Bhoi, Nagagopiraju Vullam, Kumar Devapogu, B. Satyanarayana Murthy, Naladi Ram Babu	A Deep Feature Fusion Framework for Pneumonia Detection Using Chest X-ray Images
	586	Sumit Mittu, Anuj Attri	Image Plagiarism Detection via Reverse Image Search
	589	Jyoti Prajapati and Krishna Kant Agarwal	Employee Retention Analysis: Insights and Predictive Modeling with Machine Learning Techniques
	593	A.Surendar, M. Kavitha ,Dr.Rajan.C	An Applied Connected Intelligence Framework for Energy-Efficient Smart Buildings and Urban Infrastructure
	595	Smaraki Bhaktisudha, Dr. Sushruta Mishra	A Deep Learning Approach to Predict Autism Spectrum Disorder
	596	Rahul Karne	AttaX-Multimodal: End-to-End Evaluation of Multimodal AI Safety with ThreatScore and ResilienceScore

Day 2 : April 4, 2026 (Saturday)
Venue : Seminar Hall (2nd Floor)
Session Chair Person : Dr. Shiva Shankar Reddy & Dr. Narender Kumar (GJUST)
Co-ordinator : Mr. Zubair Fayaz
Meeting Link : <https://meet.google.com/msx-zxde-yzz>
Parallel Session : 16

Time & Session / Track	Paper ID	Authors Name	Paper Title
PS - 16 12:00 PM :15 PM	598	Manpreet Kaur, Monika Dandotiya	Privacy-Preserving Blockchain Frameworks for Multi-Level Marketing: A Comprehensive Review
	601	Chinmaya Kumar Naik, Mamata Garanyak, Dr. Trilochan Rout, Bijay Kumar Paikaray	Artificial Intelligence Driven Soil Categorization with Crop and Fertilizer Suggestion
	612	Pansori Sardar, Mamata Garanyak, Trilochan Rout , Bijay Kumar Paikaray ,	A Design Science Research Process (DSRP) Model-Relied E-Learning Hybrid Recommendation System
	613	Shrey Lakhataria , Kushal Desai , Vidisha Pradhan , AkashKumar Bhoi	A Survey on the Challenges and Issues of Merkle Trees for Blockchain Based Self Sovereign Identity Management
	615	Kirubhakaran Marisamy, S.Jeevanandham, S V Ramanan, B Bizu, Akshya J, M Sundarajan, Mani Deepak Choudhry	Autonomous UAV Decision Systems for Real Time Target Tracking
	628	R Mohan Suresh , Ankur Pandey, Vivek Upadhyaya	A Dual-Arduino IoT Framework for Real-Time Emergency Vehicle Detection and Traffic Signal Optimization
	641	Dr. Adarsh Patel	WADF: Reducing road accidents using machine learning by detecting animals using acoustic techniques while a high-speed vehicle is running on the road to generate alerts
	643	Pranjal Khare, Ayush Monga, Sytan Padmakumar, Vikash Kumar, Anand Pandey, Hariharasartaman,	Comparative Analysis of YOLOv8 and YOLOv11 for Malware Image Classification

Day 2 : April 4, 2026 (Saturday)
Venue : C - 304 Lab
Session Chair Person : Dr. Sarika Jain & Mr. Shubham Gade
Co-ordinator : Ms. Nancy Mittal
Meeting Link : <https://meet.google.com/vmi-sqaw-pao>
Parallel Session : 17

Time & Session / Track	Paper ID	Authors Name	Paper Title
PS - 17 12:00 PM :15 PM	655	V Akshay Kumar , P Bharath , R Nirosha	Wearable Real-Time Fall Detection and Hazardous Gas Exposure Monitoring Tiny ML-Based Wearable Device
	658	Pravat Kumar Sahoo and Sushruta Mishra	An Enhanced Explainable AI-Driven Deep Learning Model for Laryngeal Cancer Detection and Analysis from CT Scan Imaging and Voice Data
	659	Mrs. R. Elankeerthana , Dhurgatharan R, Gopinath S, Annamalai S	AI-Driven Face Recognition For Secure Authentication
	663	Jays Chandy, Mohammed Mansoor Ahmed Pillai, Bijay Kumar Paikaray	Ethical Leadership in Corporate India: Challenges and Implications in response to Global Trends
	664	Devayani G , Dharaneesh M K , Jeevithan Y , Renga Ragavan R , Sudharshan S L , Kalaivani K	An Interpretable Multi-Modal Deep Learning Framework for Ischemic Stroke Risk Prediction
	665	Kanimozhi S, Aruneshkannan K, Ilam Arunmozhiwelve, Mugunth K B	LSTM-Based Forest Fire Prediction and User Alert System Using Weather API Integration
	666	Ms.N.Valarmathi , Karthikeyan B , Manoj M P , Murugesh L	AI Framework for Real-Time Respiratory Health Monitoring via Cough Sound Classification Deploying TinyML on Arduino Nano 33 BLE
	667	Ahmed Shaikh	Investigating Privileged Access Abuse in Cloud Infrastructure via Supply Chain Attack Events

Day 2 : April 4, 2026 (Saturday)
Venue : D-301 Lab
Session Chair Person : Dr. Iqra Hussain & Dr. Rahul Johari (GGSIPU , Delhi)
Co-ordinator : Mr. Hyder Ali
Meeting Link : <https://meet.google.com/tpa-btpt-ekd>
Parallel Session : 18

Time & Session / Track	Paper ID	Authors Name	Paper Title
PS - 18 12:00 PM :15 PM	668	S. Aatheesh, V. Adhithya, K. Sabarikarthik, K.Sivasubramani, T. Viswanath kani	AI-Powered Multimodal Assistant for Retail Malls with Real-Time and Forecasted Insights
	669	Manikandan K, Ashwin K, Midhun K, Rogeshkrishna S	Design and Fabrication of IOT-Enabled Shallot Preservation Chamber using ML
	671	D. Dhanasekaran , Ajay KumarBR, Dharaneesh S , Dr. P. Kumar , Gogila Devi K	IOT-Based Real-Time Monitoring Of Solar Photovoltaic System
	672	Mr.AL.Chockalingam, Mr.D.Seenivasan,Tharagesh K R	Operational Intelligence Platform for Metro Tunnel Booster Fans using AI and IOT
	675	Ms. N. Valarmathi, Tarini Sri M, Varshini K, Vijithra K	AI-Based Detection and Alert Platform for Yellow Tapped Wasp Activity
	677	Subodh panda, Padarti Vijaya Kumar, Santosh Kumar Sahoo, Nilamadhab Mishra	A Hybrid Deep Reinforcement Learning Framework for Malicious URL Detection
	683	Dhivya R , Dhanusri R , Gopika Devi S , Keerthana M	OncoAlert: Detecting Hidden Cancer Clues via Paraneoplastic Syndrome
	687	Dr. Kailash Shaw, Shreeram Ujlambkar, Siddhesh Amrutkar, Shreyas Sovani, Sumit Kumar, Riggved Wankhade	Integrating Mamba State-Space Models into Boltz for Enhanced 3D Protein Structure Prediction

Day 2 : April 4, 2026 (Saturday)
Venue : Seminar Hall (2nd Floor)
Session Chair Person : Shubham Gade & Dr. B. Vedik, SR University, Warangal, Telangana
Co-ordinator : Ms. Nancy Mittal
Meeting Link : <https://meet.google.com/eut-byrn-mcg>
Parallel Session : 19

Time & Session / Track	Paper ID	Authors Name	Paper Title
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PS - 19 2:00 PM - 3:30 PM	689	Sivaram M , Yashwanth Saran R	Indian Knowledge-Based Sustainability Tracker
	691	Sanjay Dhanka, Ankur Kumar, Abhinav Sharma, Monika Nain, Surita Maini, Ganeshraja Ayyakannu Sundaram	Evaluation of Diverse Machine Learning Algorithms for Arrhythmia Diagnosis Employing Correlation-Based Feature Selection
	692	Sanjay Dhanka, Abhinav Sharma, Ankur Kumar, Monika Nain, Manu Kumar, Surita maini	A Comprehensive AI-Enabled Study on Data Privacy Challenges in Internet of Things
	693	Sanjay Dhanka, Abhinav Sharma, Ankur Kumar, Monika Nain, Surita maini, Haswanth Vundavilli	Clinically Interpretable Heart Disease Prediction Using Optuna-Optimized Hybrid Logistic Regression and Support Vector Machine
	694	Khyathisree Yarra, Sri Nandan Talluri, Dr. Prasanthi Boyapati	AI-Enhanced Phishing Email Detection Using Hybrid Feature Engineering and Ensemble Learning
	696	Prabhu A E, V.S. Selvakumar	Implement Big Data Analytics to Quantitatively Analyze A549 Lung Cancer Cells: An AI-Assisted Cytotoxicity Assessment
	697	Balaram Das, Pratap Kumar Panigrahi, Nimai Charan Patel	Real-Time ADMM EMS with Privacy-Preserving PHEV Aggregation in Renewable Microgrids
	700	Jeff Abishek Weslie, Vijay Balaji M, Vidhulaa Chandrasekar, Tharika Sree, Divya T, Venkata Ramana Rao S, Karthik N, Mahiban Lindsay N	SMART COAL MINING: Leveraging IoT for Industrial Safety and Productivity

Day 2 : April 4, 2026 (Saturday)
Venue : C-304 Lab
Session Chair Person : Dr. Smita Sharma & Dr. K. Vijay (Rajalakshmi Engineering College, Chennai)
Co-ordinator : Mr. Rashid Rafiq Shah
Meeting Link : <https://meet.google.com/kzb-ahih-vwr>
Parallel Session : 20

Time & Session / Track	Paper ID	Authors Name	Paper Title
PS - 20 2:00 PM - 3:30 PM	702	M.L.S.N.S LAKSHMI, Ruby Dahiya, Neha Singh, Karthickkumar N, Uddandam Vinodkumar, Sangeetha S	Adaptive Beam Steering for Terahertz Wireless Communications in Dense Urban Environments
	703	Vasanthi Jangala Naga, Hemasree Koganti, Karthikeyan R, Harinath Babu S, Balaji S, Sangeetha S	Domain-Specific AI with Foundation system for General LLMs to Industry Intelligence
	706	Gayetri Devi S V, ANIL KUMAR SINGH, Dhanshree Mukund Pande, Rajasekaran K, Mohit Tiwari, Sangeetha S	Federated Reinforcement Learning Framework for Personalized Diabetes Management
	707	Hemasree Koganti, Sriniketh Renikindi, Vedant Manoj Telrandhe, Ojasvi Sharma, Arindam Sarkat, Keerthana NV	Secure Banking Authentication via YOLOv8s-Based Iris Recognition
	709	Seema M, Sayed Faizal, Sadhana C, Gayathri C S, Bhuvanewari J, Keerthana N V	Adaptive Multimodal Reinforcement Learning Framework for Household Robot Task Generalization
	710	Raja Varma Pamba, CH VENKATA S S P KUMAR, Rajalakshmi K, Vinoth Kumar B, Vijaya Lakshmi V, Keerthana N V	Optimizing Smart Grid Load Forecasting by Extreme Gradient Boosting (XGBoost) for improved Energy Management
	711	ADILAKSHMAMMA T, Bharani Lokesh T	Smart Home Automation Using a New Hybrid Sensor-AI Integration Method for Real-Time Decision Making
	712	Satish N, Rajavel J, Kalaiyarasi V, Hassen M, Manojkumar S, Kanishka M	Contrastive Learning for Behavioural Biometrics-Based Authentication and Fraud Prevention

Day 2 : April 4, 2026 (Saturday)
Venue : D-301 Lab
Session Chair Person : Dr. Iqra Hussain & Dr. Ihtiram Raza Khan
Co-ordinator : Ms. Kounser Ali Mir
Meeting Link : <https://meet.google.com/hog-egqa-sbt>
Parallel Session : 21

Time & Session / Track	P ID	Author Name	Paper Title
PS - 21 2:00 PM - 3:30 PM	715	Madhu Singh, Hariharasitaraman S	An Empirical Study on Android Malware Detection and Obfuscation techniques
	717	Manavalasundaram V.K, Deepak B, Hariprasanth S, Kanishka P G, Kaviya Vikashini M	Towards a Smart City Solution: Utilizing Mobile Video for Real-Time Detection of Available Commercial Spaces
	721	Mr. Shoban Raj T N, Mr. Shaswat Surya S, Mr.S.Janagiraman	AI Based Internet Behaviour Detector
	722	Khyathisree Yarra, Madhusudhana Rao Baswani, T. Sri Vaishnavi, Prasanthi Boyapati, B. Krishna Priya	Enhancing Chronic Kidney Disease Prediction Through Explainable AI: A Hybrid SHAP-LIME Model Tuned with RandomizedSearchCV
	728	Shyam Sunder Agrawal, Rabi Narang, Anjali Sharma, V. Seema, T. Mary Josephine Isabella, Ravi Kumar	Smart Cities and Sustainable Urban Infrastructure in India: A Review of AI and IoT Applications under Swachh Bharat Abhiyan
	729	Yara Srinivas	An Efficient Key-Frame Feature Extraction Method for Object Detection in Video Sequences
	730	P. Naga Kethan Kumar, A. Harsha Vardhan, E. Vamsi Krishna, T. Mukesh, Yara Srinivas	Unsupervised Video Anomaly Detection Using a Lightweight ResNetLSTM Framework with Hybrid Loss
	731	Saikethan Nanupatruni, Vinay Santhosh Chitla, Jeevan Kumar Golla, Satya Krishna Nunna, Pardhu Sankar Kalluri,	An Empirical Study of GNN Architectures Across Diverse Recommendation Domains

Day 2 : April 4, 2026 (Saturday)
Venue : Seminar Hall (Second Floor)
Session Chair Person : Dr. Aparna Kumari (NU) & Dr. Amandeep Kaur (CU)
Co-ordinator : Ms. Jyotsana Goyal
Meeting Link : <https://meet.google.com/zbi-wzcc-qej>
Parallel Session : 22

Time & Session / Track	P ID	Author Name	Paper Title
PS - 22 3:30 PM - :00 PM	732	Thanniru Geervani Santoshi, Satya Krishna Nunna	Comparative Analysis of LLMs in Indic Languages
	735	Giri Venkat Kadamati, Nikhilesh Karthik Madireddi, Nandan Chowdary Nuthangi, Ravi Shankar Thota, Susmi Jacob	Hybrid Eye-Gaze Controlled Wheelchair Navigation Using CNN-EAR Fusion
	736	Mahima Atmakuri, Ajay Bhardwaj	Adaptive Offloading and D2D-Aware Federated Learning for Scalable 6G Edge Intelligence
	737	Sandesh Patel, Sarbesh Yadav, Santosh Pandey, Shaiju Panchikkil, Koduru Hajarathaiiah	Advancing Speech Emotion Recognition: A Comprehensive Evaluation on the TESS Dataset
	738	Brijesh Kumar Jha, Rajat Baranwal, Rajkumar Raut Kurmi, Suraj Kushwaha, Shaiju Panchikkil	An Intelligent Stress Assessment System Using Keystroke Timing, Error Rate, and Typing Metrics
	740	Piyusha Mukherjee, Shivam Kumar, Sri Aarush Aray, Akshat Gupta, Anil Carie, Chanchal Biswas	Cervical Cancer: Deep Learning Based Classification
	745	Ruhin Zaidi, Mihir Sharma, Vandana Sharma	Post-Quantum Vulnerability Assessment in Financial Systems Using a Hybrid Cryptography Framework
	781	Arkino Robilin R, Barath Ananth S G, S. Muthu Kumar	An AI-Driven Decision Support System for Personalized Health and Term Insurance Advisory

Day 2 : April 4, 2026 (Saturday)
Venue : C-304 Lab
Session Chair Person : Dr. Chetna Sharma & Dr. Varun Malik (Chitkara University, Rajpura)
Co-ordinator : Ms. Sukhdeep Kaur

Meeting Link : <https://meet.google.com/jqm-twjf-kyj>
Parallel Session : 23

Time & Session / Track	P_ID	Author Name	Paper Title
PS - 23 3:30 PM - :00 PM	782	Harshavardhan Bellamkonda, Chetan Sai Malleboyina, Khyathi Vardhan Ravella, Vinay Santhosh Chitla, Pardhu Sankar Kalluri, Hemantha Kumar Kalluri	Context-Aware Dynamic Recommender System Using Graph Neural Networks for Sparse Multi-Domain Interactions
	787	Sameer Ahmad Shaik, Afrid Dudekula, Hemanth Kumar Punna, Sandeep Roy Gaddala, Satya Krishna Numa	CNN, RNN, and Transformer-Based Architectures for Action Recognition: A Comparative Benchmark on UCF101 and HMDB51
	789	Darvini Latha Korrapati, Kundan Kumar Jetti, Thanmai Bobbala, Lakshmi Aasritha Mallipudi, Pardhu Sankar Kalluri, Hemantha Kumar Kalluri, Satya Krishna Numa	Lightweight Federated Learning for Early Lung Cancer Detection in Resource-Constrained Hospitals
	790	Virender Kumar Dahiya, Venkata Satya Praveen Rani, ANIRUDH N M, Karthik Aryaman Rani, Savita Trivedi, Baskar K	Customer Behavior Prediction using Sequential Encoder and Deep Cross Network in E-Commerce System
	791	Apurva Anupam, vandana sharma, Prakash velusamy	Strategic Implementation of AI in Edtech: Challenges, Benefits, and Ethical Frameworks
	793	Vrinda Sharma, Vandana Sharma	An Adaptive AI-Based Model For Detecting Fraud In Digital Banking Transactions
	794	Adi Lakshmi, M Sitha Ram, Ajay Dilip Kumar Marapatla, Dilip Kumar Vallabhadras	A Comprehensive Study of Multi-Class Alzheimer's Classification Using Machine Learning and Deep Learning
	795	Dr R Bharathi, Anesh Ram S T, Dinesh I, Gokul K, Jagan R	Cyber Threat Detection In Secure Network Environments Using An Improved Isolation Forest

Day 2 : April 4, 2026 (Saturday)

Venue : D-301 Lab

Session Chair Person : Dr. Isha Batra and Dr Deep Singh

Co-ordinator : Mr. Zubair Fayaz

Meeting Link : <https://meet.google.com/pcf-txdp-pwo>

Parallel Session : 24

Time & Session / Track	P_ID	Author Name	Paper Title
PS - 24 3:30 PM - :00 PM	802	Manos Jyoti Gogoi, Gurpreet Singh, Anuj Attri, Nidhi	Online Assamese Handwritten Numerals Recognition
	804	Mandapati Karan Chowdary, M Sitha Ram, Surapaneni Rohan Krishna, Medavarapu Hrudhik, Ramineni Purnasambasiva Rao	Explainable Ensemble Deep Learning Framework for Multiclass Skin Lesion Classification
	809	Sk. Salma, I. Sucharitha, A. Mahitha, V. M. Manikandan	Natural Language Processing: Challenges and Techniques for Telugu to English Translation
	815	Jayakrishna Meravala, Ashok Kumar Chinninti, Srinivas Narkedimilli, Jigisha Nayana Chanumolu, Hemantha Kumar Kalluri	Privacy-Preserving Face Recognition using Federated Learning with ArcFace-Based Deep Embeddings
	819	Dr.J.Thangakumar, Anand Stalin, Imtinokshang, Muhammad Ziyen	Forecasting Bitcoin Prices Using Machine Learning Methods
	820	Mr Arul A, Dr. Dhivya R, Sakthivel P, Sudarsan D S, Saravanakumar G, Tamizhannal M	Design and Implementation of a Low-Cost Intelligent Power Usage Analyzer For Residential Applications
	821	Anirudh Puvvada, Pamula Udayaraju, Janaswami.Hymavathi	High Risk Prediction for Ethical Microfinance Lending using MicroFin-CNet
	824	Uttam Kumar Giri, Ramamani Tripathy, Hakam Singh	Machine Learning Applications in Healthcare: A Comparative Analysis of Cancer Diagnosis and Prediction

Day 2 : April 4, 2026 (Saturday)

Venue : Seminar Hall (2nd Floor)

Session Chair Person : Dr. Mehar Chand and Dr. Pankaj Chauhan

Co-ordinator : Ms. Aanchal Sharma

Meeting Link : <https://meet.google.com/dwi-zynn-jaf>

Parallel Session : 25

Time & Session / Track	P_ID	Author Name	Paper Title
PS - 25 5:00 PM - :30 PM	825	P. K. Hariharan, M. Siddhartha Eswar, Piet Paul Donal Jacob Prabhu, Aditya Velusamy Nirmala, J. Thangakumar	AlertX: A Unified Network Threat Detection and Risk Scoring Framework Using Semi-Supervised Isolation Forest and Graph Behavioral Analysis
	827	Isaac Osei, Teena shaik, Anil carie, Mekala Sanjeev kumar	Understanding User Experience in mHealth Apps: A Case-Based Application of PLS-SEM in HCI Research
	830	A. Bajulunisha, N. Mohankumar, Dr. V. Prasanna Srinivasan, M. Muthulekshmi, Dr. Rajeshkumar, Dr. Monisha R	Cloud-Powered XGBoost Model for Liver Cancer Risk Prediction in Healthcare Settings
	831	Dr. Bhuvaneshwari S, Mallika S, Kanimozhi S, K. Vanishree, S Murugan, Dr. Joel Jebadurai D	Patient-Centered Healthcare Analytics Using Edge-SVM Model for Kidney Function Prediction
	833	Dr. Nelson Kennedy Babu C, Dr. S. Rajes Kannan, Dr T Senthilkumar, K. Sindhuja, Dr. Monisha R, Maadhav P R	Maternal Health Risk Evaluation Using Cloud-Based Artificial Neural Network Model
	834	R. Santhosh Kumar, M. Birunda, S. Saroja Devi, Dr. A. Arumugam, S. Sujatha, Chandralekha M	Naïve Bayes-Based Patient Survival and Breast Cancer Risk Factor Identification in Healthcare
	844	Dr. Phaneendra Kanakamedala, M. Rakesh, M. Sitha Ram, K. Abhigayal, G. Chandu Venkata Sri Harsha	Automated Diabetes Stage Classification Using Tongue Visual Features
	860	Ajay Bhardwaj, Bandhavi Kanyadhara, Swathi Chowdry Nagalla, Revanth Vangapandu, Vaishnavi Kolasani, Rohan Sandeep Thorlikonda	Energy and Spectral-Efficiency Trade-off in a D2D-enabled Semantic Communication

Day 2 : April 4, 2026 (Saturday)

Venue : C-304 Lab

Session Chair Person : Mr. Ajinkya Potdar (Google) & Dr. Suman Yadav (IILM, UP)

Co-ordinator : Mr. Rohit Bhardwaz

Meeting Link : <https://meet.google.com/fqs-erua-zqw>

Parallel Session : 26

Time & Session / Track	P_ID	Author Name	Paper Title
PS - 26 5:00 PM - :30 PM	861	Dr.S.Semmalar,Vimala Beaulah D,Dr.V Hemavathy,T. Akila,S Sujatha,Berisha B	GRU-Based Healthcare Decision Support for Monitoring Hospital Clinical Deterioration
	862	Dr.P.Getzial Anbu Mani,Shanthi M,Dr.K.Ganesan,Dr. R.Jayakumar,Dr. Jayanthi G,S. Murugan	Intelligent Engine Fault Detection Using LSTM and Edge Computing for Automotive Industry
	863	Dr. Vasantha Kohila K R, Dr. Sandra Johnson, Dr. T. Geetha, Baskar P, Dr. A. Ammupriya, S Murugan	Healthcare Analytics for Athlete Overtraining Prediction Using KNN Algorithm
	865	Sathiyathan S, Ruban A, Santhosh C, Saran R, Suthir K	AI-Driven Multi-Paradigm Optimization for Next-Gen Networks: A Unified Framework for 5G
	869	Dr. Saradhadevi. S, S Anand, Dr. E. Seenivasan, Dr. K. Chandramohan, C Srinivasan, Santhiya V	An Edge Computing-Enabled KNN Model for AIDS Virus Infection Risk Prediction
	870	Bency Abraham, R. Poornima Lakshmi, Dr. B. Mathivanan, Prabakaran Kasinathan, M. Muthulekshmi, Edwin Mariyon Y	Multimodal Neurocognitive Assessment Using SVM on EEG and Motion Signals for Assistive Healthcare
	871	Dr. S. Hemavathi, C Srinivasan, Pavithraa .M.S, Blessy Y M, Edwin L, Sathishkumar V E	Predicting Customer Behavior in E-Commerce Using XGBoost and Financial Indicators
	872	Dr. G. Jayamurugan, S. Saroja Devi, Christirebecal. D, Dr. Vidhya S, M. Muthulekshmi, Ashwini B	Random Forest-Based Modeling of Individual Hydration Patterns for Healthcare Analytics

Day 2 : April 4, 2026 (Saturday)

Venue : D-301 Lab
 Session Chair Person : Dr. Manikandan & Dr. Mukata Sharma
 Co-ordinator : Mr. Aijaz Ahmed
 Meeting Link : <https://meet.google.com/zvn-qdnp-bqq>
 Parallel Session : 27

Time & Session / Track	P_ID	Author Name	Paper Title
PS - 27 5:00 PM - 8:30 PM	873	Dr. M. Nalini, Dr. P. Perumal, Karthikeyani V, Dr Madhukumar S, Dr. S. Karthikeyan, C Srinivasan	DenseNet169-Based Multi-Class Classification of Corn Leaf Diseases for Precision Agriculture
	874	Preethi Angaline. R , Nandhini R , R. Deepa, Dr. Geetha R, M. Muthulekshmi, Hemaprasanth S	A Support Vector Machine Framework for Alzheimer's Disease Diagnosis Using EEG Data
	880	Rajeshram V, Subakamatchi M, Subasri R, Swetha P	IoT-Integrated Blockchain Architecture for Transparent Organic Product Certification
	883	Bhanusri M, Madhumitha R, Mekalaselvi P S, Rani K	DocuGenAI: An End-to-End Multi-Modal System for Automated Micro-Documentary Generation
	884	Rakkisu Padmaja, Nunna Satya Krishna	AUNet++: An Attention-Enhanced U-Net++ Architecture for Brain Tumor MRI Segmentation
	891	Sajasi Sharma, Ankit Yadav	DB-FFN : A Hybrid Convolution and Self-Attention Architecture for Pedestrian Intention Detection
	893	K. Kalaivani, S. Deepa, R. Sharulatha, P. A. Vaishnavi	FloatPure: AI-Driven Solar-Powered Autonomous Floating System for Plastic-Free Rivers
	895	Dr. Madhu Nakirekanti, K Guru Raghavendra Reddy, Bhanu Chander Balusa, Valiveti Karthik, Mohammad Sana Farheen, Allu Pooja Sathvika, Kolla Gautami	Predicting Adolescent Mental Health from Social, Academic & Health Data

Day 3 : April 5, 2026 (Sunday)
 Venue : Seminar Hall (Second Floor)
 Session Chair Person : Dr. Jacintha Menezes & Dr. Ihtiram Raza Khan
 Co-ordinator : Mr. Rohit Bhardwaz
 Meeting Link : <https://meet.google.com/nnx-kqmb-bwq>
 Parallel Session : 28

Time & Session / Track	P_ID	Author Name	Paper Title
PS - 28 9:00 AM - 12:30 AM	896	Rajesh Reddy Muley, Dr. Annareddy V N Reddy, Veena Jessy Ventrapragada, Korlakunta Ramesh, Kasukurthi Naga Sandeep	A Transformer-Based Hybrid Attention and Calibrated Framework for Depression from Text
	897	M. Vijay Kumar, Sarella Vamsi, M Sitha Ram, Madugula Varshitha, Kuchipudi Indra Sena Reddy, Dasi Siddhardha	Predicting Postal-Code-Level Accident Risk Using Ensemble Machine Learning for Road Safety Analysis
	899	Mihir Sharma, Ruhin Zaidi, Vandana Sharma	A Practical Quantum-Resistant Security Evaluation Framework for Blockchain Infrastructure
	903	Dr.R.Vijayakumar,M.Rubinabegam,Dr T Senthilkumar,Balasubramani S,V.T.Lakshmi, S Sujatha	Automated Apple Leaf Disease Classification Using Vision Transformer for Precision Agriculture Applications
	905	Dr Y.V. Bhaskar Reddy, Dr. Annareddy V N Reddy, Peddireddy Varshitha, Bayireddy Manjusha, E Ravi Kumar	A Novel Ea2s-Hcml And Anflris-Based Rainfall Event Forecasting And Severity Assessment Via Rainfall Variability Index
	906	Dr. Gurram Rajendra, Dr. Annareddy V N Reddy, Yadam Naga Venkata Naveen Kumar, Seelam Surya Prakash Reddy, Kandula Jaswanth Sai	AI-Powered Intelligent Programming Tutor: Adaptive Learning and Auto-Evaluation
	909	Kommaraju.Rajasekhar, Dr. Annareddy V N Reddy, Chaluvadi.Aasrita, Vanama.Sai Harshith, Vanama.Sai Harshith	Lung Sound Classification with Multi-Feature Integration using Lightweight CNN Model
	911	Dr. P.T. Sivagurunathan, Sugeshan S, Sudhakar K, Suryanarayanan A, Vigneshwaran A	Hope in the sand: Real - Time Monitoring and Increasing the Hatching Rate of Olive Ridely Turtles

Day 3 : April 5, 2026 (Sunday)
 Venue : C-304 Lab
 Session Chair Person : Dr. Mukta Sharma & Dr. K Sudhkar
 Co-ordinator : Mr. Rashid Rafiq Shah
 Meeting Link : <https://meet.google.com/tvc-kzpw-may>
 Parallel Session : 29

Time & Session / Track	P_ID	Author Name	Paper Title
PS - 29 9:00 AM - 12:30 AM	912	Dr. Phaneendra Kanakamedala, B. Deepika, Dr. Annareddy V N Reddy, K. Mohana Venkata Krishna Sai, G. Lakshmana Rao, A. Somesh Lakshman	Multimodal Fetal Health Risk Prediction Using Ultrasound Image Analysis and Maternal Blood Parameters with Meta Model-Level Fusion
	917	Dr. R. Sujatha, Mrs. S. Nivishna, Ms. N. Rani, Ms. P. Saranya, Ms. T. Sharumathi, Ms. J. Shibani	AI-Based Bird Intrusion Detection and Frequency- Adaptive Repelling System for Crop Protection
	923	Shaik Shajahan, Ramachandra Rao Goli, Nunna Satya Krishna	XAI-SkinNet: Explainable Deep Learning Framework for Skin Cancer Diagnosis
	924	Sandeep Kumar, Vandana Sharma, Prakash Velusamy	Simulating the Indian Chemical Exposome: A Multi-Modal Transfer Learning Framework for Predicting Heavy Metal Bioaccumulation
	925	Vinner, Vandana Sharma, Prakash Velusamy	Satellite-Based Flood Detection Using Deep Learning and Probabilistic Mapping: A Case Study of Ganga Floodplain
	930	Padmaja Rakkisu, Rajveer Singh Khanduja, Wasim Raja Dudekula, Aditya Vardhan Nelatur, Santosh Das, Satya Krishna Nunna	Explainability-Centric Benchmarking of CNN and Transformer Models for Brain Tumor MRI Classification
	937	Prof.(Dr.) Kailash Shaw, Kedar Naygaonkar, Sahil Nehate, Atharv Nalawade, Shrinivas Nevlikar, Nandika Sharma, Amarsatyabroto Banerjee	An Automated Workflow for 3D Brain Tumor Segmentation from Hyperspectral Images
	942	Chijiuka Fortune Akuma, Celestine Iwendu, Pradeep Hewage, Garg, Anchal, Chukwuebuka Anthony KORIE, Vandana Sharma	Evaluating Centralised and Federated Learning YOLOv8-Based Object Detection for Intelligent Transportation Systems

Day 3 : April 5, 2026 (Sunday)
 Venue : D-301 Lab
 Session Chair Person : Dr. Sudeshana Chakarvarty & Dr. Vani Bhaskar
 Co-ordinator : Ms. Nancy Mittal
 Meeting Link : <https://meet.google.com/zes-baas-fwt>
 Parallel Session : 30

Time & Session / Track	P_ID	Author Name	Paper Title
PS - 30 9:00 AM - 12:30 AM	943	Emmanuel Okang Edim, Salome Enoshi Uwah, Celestine Iwendu, Vandana Sharma Chukwuebuka, Anthony KORIE, Mubarak Olaniran Ibrahim	Client-Side Predictive Component Pre-Rendering using Lightweight Machine Learning
	945	Chijiuka Fortune Akuma, Tighe Bren, Celestine Iwendu, Salome Enoshi Uwah, Vandana Sharma, Mosunmola N Raji	Initialisation Strategies and Convergence Behaviour in Federated YOLOv8-Based Object Detection for Intelligent Transportation Systems
	981	Dr. Jyoti Tiwari, Dr. Kriti Guleria, Dr. Alka Chaudhary, Shubham Maurya, Prakash Velusamy	Transformative AI Strategies for Optimizing Child Health and Well-being
	8	Divyadarshini M. Gausika K M, Varshini S	Optimal Path Detection Using Reinforcement Learning

9:30 AM	9	Dr. B. Padmini Devi, Nitheesh R, Raghu P, Mrs. T. Kiruthiga, Tharun V, Thiruguhan S	Embedded IoT Framework for Fraud Detection in Commercial Weighing Scale
	995	Gurpreet Singh, Gagandeep Kaur, Amrik Singh	AI-Based IoT Framework in Precision Agriculture and Crop Yield Optimization
	1005	Dr. B. Padmini Devi, N.K.VIGNESHWARAN	TNSTC Smart Pass: AI Enabled Employee Pass System
	1009	Divyanshi Sharma, Paridhi Naithani, Sakshi Kaushal	A Survey of Reinforcement Learning Methods for UAV Path Planning: Safety, Scalability and Real World Challenges

Day 3 : April 5, 2026 (Sunday)
Venue : Seminar Hall (Second Floor)
Session Chair Person : Dr. Pushpalatha N Kumar & Dr. Amanpreet Kaur Sandhu
Co-ordinator : Ms. Maikinder Kaur
Meeting Link : <https://meet.google.com/dak-wfnd-qun>
Parallel Session : 31

Time & Session / Track	P_ID	Author Name	Paper Title
PS - 31 10:30 AM - 12:00 PM	1044	Harinder Kaur, Sarabjit Kaur, Manjot Kaur, Nilesh Shelke	Hybrid Quantum Machine Learning Approach for Heart Disease Prediction
	1056	Diksha Giri, Moumita Pramanik, Samrat Singh Bhandari, Ranjit Panigrahi	Hybrid Local Expert Mixture Classifier for Parkinson's Detection Using Gait-Based Features
	1058	Gurpreet Kaur, Supreet Saini, Poonam Rani, Lovepreet Khan, Ankita Avthankar, Nilesh Shelke	Deep Reinforcement Learning Framework for Automated Trading Decision Support Systems
	1062	Amrik Singh, Sunny Arora, Gurpreet Singh, Sandeep Kaur, Sukhpreet Singh	A Python-Based Pre-processing and Structured Dataset Framework for Offline Gurmukhi Signature Forgery Detection
	1073	Lewlisa Saha, Akash Samanta, Savantan Sen, Aditya Chakraborty	Decoding Spam: A Transparent Approach to SMS Classification Using XAI
	12	Ananthi S, Tamilini M C, Sindhu G R, Swathi S	FinSentinel: An AI-Driven Framework for Analyzing Spending Trends for Effective Expense Management
	23	Lata Yadav, Vandana Sharma	Securing IoMT transmission using Cardiac Signature based Lightweight Cryptography
	29	A. Prasanth, M.V. Suresh, M. Srilekha	Hybrid Deep Learning approaches for Anomaly Detection in IoT system

Day 3 : April 5, 2026 (Sunday)
Venue : C-304 Lab
Session Chair Person : Dr. Mehar Chand and Dr. Pankaj Chauhan
Co-ordinator : Ms. Annu Sonani
Meeting Link : <https://meet.google.com/cek-wqps-hdd>
Parallel Session : 32

Time & Session / Track	P_ID	Author Name	Paper Title
PS - 32 10:30 AM - 2:00 PM	515	Vishal Shukla, Manjit Singh, Sheenam	A Comprehensive Review of Lightweight Audio-Visual Emotion Recognition: Architectures, Fusion Techniques, and the Efficiency Trade-off
	718	S. Janagiraman, M Sivaram, R Yashwanth Saran	A Smart and Intelligent Sales Management System
	885	K. Poongothai, V. Jevsri, E. Sharmila, R. Jothi, A. Harini, S. Monika	Adaptive Energy Management for Solar Systems
	1190	Sweta Jain	Carbon Emission Prediction and Visualization using Machine Learning
	922	Devishree Naidu, Sweta Jain, Ananya Anand, Antara Kawathekar, and Sai Nandekar	Reinforcement Learning-Based Adaptive Error Correction for BB84 Quantum Key Distribution: A Q-Learning Approach to Post-Processing Optimization
	810	Nikhilkumar Gadige, V.M. Manikandan	A Comprehensive Review of Virtual Reality in Tourism: Technologies, Challenges, and Future Directions
	967	Sujal Gupta, Upendra Mishra, Himanshi Chaudhary, Vansh Goel, Sumit Kumar, Samarth Saini	Monument Recognition from Satellite Images Using Deep Learning with Explainable AI