



International Conference on Artificial Intelligence and Sustainable Innovation 2025 (ICAISI-2025)

Date: 31st May, 2025

Online Presentation Schedule

For Any Query contact us: contactus@icaisi.in, icaisi.2025@gmail.com

S. No.	Paper ID	Paper Title	Technical Session #	Date & Timing	Link
1	5	Deepfake Detection on Social Media Using CNN	TS-1	31-05-2025 10:00AM-12:00PM	ICAISI-2025-TS#1 Saturday, May 31 · 10:00am – 12:00pm Time zone: Asia/Kolkata Google Meet joining info Video call link: https://meet.google.com/dag-jich-rcj
2	15	Design of a Rectangular Stepped Patch Antenna for C-Band WLAN and X-band Radar Applications			
3	22	Semantic Deep Learning for Improved Content-Based Image Retrieval Systems			
4	38	DESIGN AND IMPLEMENTATION OF ALU: A COMPARATIVE STUDY OF FULL ADDER AND MUX-BASED ARCHITECTURES.			
5	55	Neural Network-Based Energy-Efficient Data Aggregation in Wireless Sensor Networks			
6	57	Edge Computing in Smart Cities for Urban Infrastructure and Services: A Review			
7	64	Bioacoustic neural inference for avian taxonomy			
8	70	Encouraging Sustainable Waste Management: Innovative Dustbins For Student Engagement In Campus			
9	86	Blockchain-based Intrusion Detection System for IIoT with the aid of XGBoost Voting Ensemble method			
10	92	DSA Education: A Systematic Review of Teaching Innovations and Learning Strategies			
11	94	A Deep Learning Approach using CNN to Identify Image Manipulation	TS-2	31-05-2025 10:00AM-12:00PM	ICAISI-2025-TS#2 Saturday, May 31 · 10:00am – 12:00pm Time zone: Asia/Kolkata Google Meet joining info Video call link: https://meet.google.com/bxb-vmih-vqn
12	95	Exploring Depression Detection through Acoustic Speech Features: A Comprehensive Review			
13	102	Enhanced Flowchart Transformation and Code Generation using LLM Models			
14	103	Two Stage YOLOv5-Based Real-Time Mask Detection: A balance of Speed and Accuracy			
15	110	Hybrid InHouse Medic, Evolving Health Insights by using Machine Learning			
16	113	Automated Grid Balancing through AI-Optimized Demand Response and Distributed Energy Resource Management			
17	140	Robust Training Framework for Enhancing Prosthetic System Performance			
18	196	Malware Detection In IOT Devices Using Machine Learning			
19	199	Emotion AI based Picture Recapitulation utilizing Machine Learning and Deep Learning Techniques			
20	220	Symptom Sleuth: Ensemble Learning for COVID-19 and Unknown Diseases			



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S. No.	Paper ID	Paper Title	Technical Session #	Date & Timing	Link
21	227	Real Time IoT-Powered Air Standard Smart Monitoring	TS-3	31-05-2025 10:00AM-12:00PM	ICAISI-2025-TS#3 Saturday, May 31 · 10:00am – 12:00pm Time zone: Asia/Kolkata Google Meet joining info Video call link: https://meet.google.com/bkn-bxex-puv
22	230	Machine Learning in Detection of Hyper Tension Risk Factor			
23	233	A hybrid model for profession prediction using astrology based on 1D-CNN and RNN			
24	235	Markov Decision Process-based cache replacement for efficient content retrieval in Named Data Networking			
25	237	Deep Learning-Driven Automated Pneumonia Detection: Enhancing Diagnostic Precision with CNNs			
26	243	AI-Driven Framework for Generating Informative Summaries from YouTube Videos Using GPT-3			
27	244	Enhancing FAANG Stock Prediction Using LSTM, Data Normalization, and Optimization Techniques			
28	266	Modular Integrated SVM and Deep Learning Framework for Criminal Face Identification			
29	267	Advancements in Cross-Modal Sentiment Analysis: A Comprehensive Machine Learning Framework Review			
30	268	Adaptive Intrusion Detection in IoT Networks: Leveraging Honey pots and Synthetic Data for Attack Mitigation			
31	278	Image Based Dietary Assessment of Food using Visual Representation	TS-4	31-05-2025 10:00AM-12:00PM	ICAISI-2025-TS#4 Saturday, May 31 · 10:00am – 12:00pm Time zone: Asia/Kolkata Google Meet joining info Video call link: https://meet.google.com/tnx-ndxa-uvz
32	281	Securing Nuclear Infrastructure Against Ransomware Attacks Using ML Algorithms			
33	285	Sentiment Analysis Using Machine Learning			
34	296	Software Defect Prediction Using Random Forest and Dimensional Reduction Technique			
35	300	Identification of Driver Drowsiness by Utilizing Machine Learning and Facial Feature Acceptance			
36	305	The Future of Female Entrepreneurship Databases Based on Artificial Intelligence			
37	320	Automatic Speed Controlling of Vehicle Based on Signboard Detection Using Image Processing			
38	322	The Future Role of IT Company Industry on AI and Digital Leadership			
39	354	Supply chain digitization for Agri-Tech Sector			
40	362	Federated Ensemble Learning Framework for Symptom-Based Lung Cancer Detection			



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S. No.	Paper ID	Paper Title	Technical Session #	Date & Timing	Link
41	368	Machine Learning-Assisted Hybrid Nature-inspired Job Scheduling approach for Cloud Environments	TS-5	31-05-2025 10:00AM-12:00PM	ICAISI-2025 TS#5 Saturday, May 31 · 10:00am – 12:00pm Time zone: Asia/Kolkata Google Meet joining info Video call link: https://meet.google.com/pyg-mvmm-ouu
42	371	Automated essential regulations in greenhouses utilizing deep learning for unattended operations			
43	375	Dynamic Classroom Scheduling: An Intelligent System for Optimized Resource Allocation in Academic Environments			
44	378	Blood Cancer Detection Through Deep Learning			
45	392	Underwater Image Enhancement and object detection using Vision Transformers			
46	393	Automated Detection of Disc Degeneration in X-Ray Images Using Deep Learning CNNs			
47	402	A Robust Deep Learning Approach for Detecting COVID-19 and Pneumonia in Chest X-ray Scans			
48	426	DevSecOps: deploy a cloud native application			
49	428	FallGuard: IoT-Driven Fall Detection and Health Monitoring System			
50	444	Lung cancer prediction using long short term memory			
51	447	Cardiovascular disease detection using machine learning	TS-6	31-05-2025 10:00AM-12:00PM	ICAISI-2025 TS#6 Saturday, May 31 · 10:00am – 12:00pm Time zone: Asia/Kolkata Google Meet joining info Video call link: https://meet.google.com/mcp-jncc-pyx
52	451	Automatic Car Driver Ejection System			
53	453	A Novel Approach to Refining Medical Text Classification using Intelligent Logic			
54	456	Soyabean Leaf Detection Dataset Using Machine Learning			
55	462	An AI Chatbot Platform Integrating Voice Capabilities and Admin Dashboard for Enhanced User Experience			
56	468	Diagnosis of Neuromuscular Disorder, Rehabilitation and Prosthetic Control using Electromyography (EMG)			
58	476	Predictive Business Process Optimization Using Data Analytics			
59	478	AN EXPLAINABLE DEEP LEARNING APPROACH FOR DIABETIC FOOT ULCER PREDICTION			
60	479	AI Powered Learning Management System With Mock Interview Platform			



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S. No.	Paper ID	Paper Title	Technical Session #	Date & Timing	Link
61	480	Melanoma Skin Cancer Detection Using ResNet50V2	TS-7	31-05-2025 10:00AM-12:00PM	ICAISI-2025 TS#7 Saturday, May 31 · 10:00am – 12:00pm Time zone: Asia/Kolkata Google Meet joining info Video call link: https://meet.google.com/wpc-rggv-wov
62	482	AI-Based Detection of Plant Diseases			
63	484	cyber future: navigating privacy in digital age			
64	493	Automated Journal Summarization and Email Notification System			
65	494	Optimized AI Security for IoMT: Hybrid PSO-ACO with CNN			
66	496	Lecture Viewing Patterns Identification using Clickstream Data			
67	508	Human Activity Recognition: A Review of Deep Learning Approaches			
68	512	Healthcare Recommendation System For Areas With Limited Access To Healthcare Using Machine Learning Algorithms			
69	513	Enhance the Women Crime Rate Prediction using Random Forest over the XGBoost Algorithm			
70	516	Deep Learning-Based Approach for Detecting Lung Cancer in Medical Images			
71	519	Deep learning-driven plant disease diagnosis: a MobileNet-based approach	TS-8	31-05-2025 10:00AM-12:00PM	ICAISI-2025 TS#8 Saturday, May 31 · 10:00am – 12:00pm Time zone: Asia/Kolkata Google Meet joining info Video call link: https://meet.google.com/jtc-cfre-wfv
72	523	Flood Prediction System Using Machine Learning			
73	528	Decentralized Pollution Monitoring System: Leveraging Blockchain for Secure and Transparent Environmental Data Management			
74	530	Machine Learning Based Knee Osteoarthritis Prediction and Severity Grading from X-Ray Images			
75	531	Drift Detection in ADWIN Using the Kolmogorov-Smirnov (KS) Test			
76	546	Optimized Emotion Detection in Dynamic Environments Using Deep Reinforcement Learning			
77	555	From VoIP Vulnerabilities to AI Defenses: A Survey on Fraud Call Prevention			
78	562	AI-Driven Smart Pendant for Women's Safety & Health Monitoring			
79	563	Harmful Algal Bloom Detection in Aquaculture Ponds Using Quantum Approximation Optimization Algorithm (QAOA)			
80	564	ChargeMate: Blockchain-Enabled Smart EV Charging Framework for Commuters			



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S. No.	Paper ID	Paper Title	Technical Session #	Date & Timing	Link
81	565	Fast and Reliable Malware Detection Using KNN	TS-9	31-05-2025 10:00AM-12:00PM	ICAISI-2025 TS#9 Saturday, May 31 · 10:00am – 12:00pm Time zone: Asia/Kolkata Google Meet joining info Video call link: https://meet.google.com/szq-cvfv-xug
82	574	ThreatSense: A machine learning enabled Intrusion detection system			
83	575	Smart AR Glasses: Balancing Power and Comfort for Everyday Wear			
84	577	Efficient method to convert the gestures into text for Indian sign language using advanced image processing and deep learning			
85	579	VINEYARD CROP STRESS DETECTION USING CNN AND U-NET			
86	580	ZAPDOS : Zero-shot AI-Powered and Dynamic Optimized Summarization (for question generation)			
87	583	Comparative Analysis of AI Powered Predictive Maintenance for Maritime Safety using Machine Learning			
88	585	Enhancing IoT Security: Machine Learning and Ensemble Approaches for Intrusion Detection			
89	586	Train Delay Prediction using Machine Learning: A Survey			
90	592	Revolutionizing Organ Donation: A Digital Approach to Saving Lives			
91	603	Comprehensive Proctoring System with AI-Driven Automated Exam Management	TS-10	31-05-2025 10:00AM-12:00PM	ICAISI-2025 TS#10 Saturday, May 31 · 10:00am – 12:00pm Time zone: Asia/Kolkata Google Meet joining info Video call link: https://meet.google.com/ghp-fvar-kro
92	604	Real-Time Skin Disease Diagnosis Using Image Classification Techniques			
93	605	Machine learning and Artificial intelligent: A Rising tool for Drug Discovery			
94	607	Shortest Path Visualizer: An Interactive Tool for Algorithm Analysis and Education			
95	610	AI-Powered Medical Bot for Diagnosis and Treatment of Skin, Dental, and Hair Disorders			
96	614	Wireless Sensor based Smart Agriculture: A Comprehensive Survey			
97	615	A Hybrid Two-Stage Ensemble Model For Detecting Intrusion in IoT Environment			
98	616	IoT based Multi-Attributes Decision Making in Irrigation System			
99	618	Zero Shot Classification Profanity Identifier			
100	622	IIQ (Intelligent Information Quantification): Need, Assertion and Algorithmic Modeling			



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S. No.	Paper ID	Paper Title	Technical Session #	Date & Timing	Link
101	629	Hybrid Boosted Neuro-Forest Model for Apple Leaf Disease Detection	TS-11	31-05-2025 10:00AM-12:00PM	ICAISI-2025 TS#11 Saturday, May 31 · 10:00am – 12:00pm Time zone: Asia/Kolkata Google Meet joining info Video call link: https://meet.google.com/xhq-muzp-nve
102	633	Modified XceptionNet Architecture for Accurate Fake Image Classification on Real-Fake HQ Dataset			
103	637	AI in Military Airplane Detection For Safe City			
104	640	CHARGEWAY:- The Future of EV Road Charging			
105	642	Cyber Security in Smart Cities: Protecting IOT Networks			
106	649	A performance-centric analysis and implementation of hybrid aes-ecc cryptosystem			
107	655	Deep Learning Algorithm for Real-Time Face Recognition System on Raspberry Pi with Azure			
108	670	Visual to Auditory conversion system			
109	675	Comparative Analysis of Explainable AI and Diabetes Recommendation Techniques Using PIMA-Obesity Features Mapped Datasets for Type-2 Diabetes			
110	679	Sentiment Analysis in Hinglish: NLP Techniques for Mixed Language Text			
111	682	IPL Score Forecasting Using Data Analytics and Machine Learning	TS-12	31-05-2025 10:00AM-12:00PM	ICAISI-2025 TS#12 Saturday, May 31 · 10:00am – 12:00pm Time zone: Asia/Kolkata Google Meet joining info Video call link: https://meet.google.com/qqi-icxc-qji
112	687	Blockchain Driven Smart-Drug Flow			
113	702	HMED: A Hybrid Approach for Medical Image Encryption through Deep Learning			
114	704	AIML-Driven Sleep Alert System for Enhanced Vehicle Safety			
115	706	Advanced Malware Detection through Dynamic Features and Attention-Powered Deep Models			
116	707	Peristaltic Transport of Pathological Bile through the Diseased Duct with Porous Environment: An Application to Papillary Stenosed Duct with Infected Bile			
117	726	HappyMind: A Comprehensive Platform for Addressing the E-Learning Needs of Students with Autism			
118	729	Detection of Endocrine Disorder Based on Machine Learning using Physical and Clinical Database			
119	740	Virtual Assistant using Sentiment Analysis			
120	751	SALES PREDICTION USING REGRESSION ANALYSIS			



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S. No.	Paper ID	Paper Title	Technical Session #	Date & Timing	Link
121	780	Revolutionizing Multifactor Authentication with AI-Powered Dynamic Image Generation	TS-13	31-05-2025 10:00AM-12:00PM	ICAISI-2025 TS#13 Saturday, May 31 · 10:00am – 12:00pm Time zone: Asia/Kolkata Google Meet joining info Video call link: https://meet.google.com/qnb-qsoq-ztd
122	785	A Novel Approach for Improving Document Search with NLP			
123	787	Performance Analysis of BERT for Fake News Detection			
124	798	EEG-Based Depression Detection Using Deep Learning with CNN, BiLSTM, and Attention Mechanism			
125	802	A review article on Indian medicinal plants in an intelligent way to study their properties and therapeutical applications			
126	810	AI-Based Sustainable Green Energy Optimization for Edge Cloud Computing with Renewable Energy Resources			
127	812	A comprehensive deep learning based system for recognition and conversion of text/speech to Indian sign language gesture			
128	817	Enhanced Crowd Monitoring through YOLOv5- Based Object Detection Framework			
129	829	A Comparative Study on Avian Influenza Using Machine Learning Algorithms			
130	832	Quantum Creativity: Integrating Natural Language and Music Generation into a Hybrid Framework			
131	838	Smart Queue Management System: A Digital Solution to Optimize Service Efficiency and Reduce Wait Times	TS-14	31-05-2025 10:00AM-12:00PM	ICAISI-2025 TS#14 Saturday, May 31 · 10:00am – 12:00pm Time zone: Asia/Kolkata Google Meet joining info Video call link: https://meet.google.com/xon-upvk-fxn
132	844	Early-Stage Crop Disease Detection using Deep Learning			
133	848	Pneumonia Detection using ML Models (CNN/Deep Learning)			
134	849	Study On Lung Cancer Detection Using Machine Learning Techniques			
135	857	Insect Detection And Classification Using CNN Based Models			
136	859	Top2Vec: Analysis for Unsupervised Topic Discovery			
137	865	Optimizing hospital interconnectivity for patient care			
138	867	Image Compression using RETINEX and SRCNN Algorithm based on Huffman and LZW Coding			
139	875	Multi-Nozzle 3D Printing System			
140	879	NECK-EASE: An ML-Powered System for Real-Time Head Movement Monitoring & Alerting			



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S. No.	Paper ID	Paper Title	Technical Session #	Date & Timing	Link
141	887	Mitigating DDoS and DoS Attacks in IoT Networks with LSTM-Based Intrusion Detection System	TS-15	31-05-2025 10:00AM-12:00PM	ICAISI-2025 TS#15 Saturday, May 31 · 10:00am – 12:00pm Time zone: Asia/Kolkata Google Meet joining info Video call link: https://meet.google.com/fdx-wngv-yqw
142	889	TEACHO – APPROACH TO PAY PER SECOND VIDEO STREAMING ARCHITECHTURE FOR EDUCATIONAL RESULT			
143	890	Edge-Enabled AI Framework for Real-Time Anomaly Detection in Industrial IoT Systems			
144	902	Multimodal Deep Learning Framework for Real-Time Women Safety Surveillance and Threat Mitigation			
145	906	An approach for Quantum based learning for Disease Classification in paddy			
146	911	Parkinson’s Disease Detection Using InceptionV3			
147	912	An AI-driven dual-phase model for heart disease diagnosis.			
148	918	Intelligent Learning Platform Using AIML			
149	933	Web Recommendation System using Metaheuristic Algorithm			
150	952	A comparative Study of Stroke Prediction Using Machine Learning Techniques			
151	953	Keylogger Detection and Prevention Using Machine Learning Techniques	TS-16	31-05-2025 2:00PM-4:00PM	ICAISI-2025-TS#16 Saturday, May 31 · 2:00 – 4:00pm Time zone: Asia/Kolkata Google Meet joining info Video call link: https://meet.google.com/dag-jich-rcj
152	954	Machine Learning and Deep Learning Algorithms: Applications in Healthcare and Sentiment Analysis			
153	961	SMART AGRICULTURE: Rice Pest Detection Via CNN and YOLO			
154	966	IoT based smart framework to predict air quality using KNN imputation model			
155	969	Assessment and Comparison of Collaborative Filtering Approaches for Recommender Systems			
156	978	Using Deep Learning for Image-in-Audio Steganography			
157	985	Comparative Analysis of Machine Learning Algorithms for Solar Energy Prediction			
158	993	Rural Health Emergency Response Chatbot			
159	1002	Prevention and Mitigation of different Security Threats in IoT Environment			
160	1009	Stress Detection System Using Decision Tree Integrating Wearables Sensors			



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S. No.	Paper ID	Paper Title	Technical Session #	Date & Timing	Link
161	1015	College Placement System: Personalized Job-Skill Matching and Resume Parser	TS-17	31-05-2025 2:00PM-4:00PM	ICAISI-2025-TS#17 Saturday, May 31 · 2:00 – 4:00pm Time zone: Asia/Kolkata Google Meet joining info Video call link: https://meet.google.com/bxb-vmih-vqn
162	1020	Hybrid Stacking Model to Optimise Heart Disease Prediction			
163	1029	Cloud-Based Threat Detection and Prevention using Ensemble Machine learning Method			
164	1046	Efficient privacy preserving access control in public cloud system			
165	1047	Leveraging Grad-Cam for Explainable Cyclone Intensity Estimation Using R-CNN on INSAT-3D IR Imagery			
166	1048	Vivisyn: An AI-Powered Collaborative Group Chat Platform			
167	1049	StockWise: An Integrated Approach Using LSTM and Sentiment Analysis To Predict Stock Exit Value			
168	1050	AI-Powered Smart Greenhouse Ecosystem for Precision Nutrient Management and Sustainable Crop Growth			
169	1072	Evaluating the Impact of Non-IID Data on Federated Learning: A Comparative Study of Aggregation Techniques			
170	1074	SmartNewsPost:AI Summarizer for News Articles			
171	1075	T2I Generation using Stable Diffusion	TS-18	31-05-2025 2:00PM-4:00PM	ICAISI-2025-TS#18 Saturday, May 31 · 2:00 – 4:00pm Time zone: Asia/Kolkata Google Meet joining info Video call link: https://meet.google.com/bkn-bxex-puv
172	1077	Advancing Skin Lesion Cancer Detection: A Systematic Literature Review			
173	1106	Twitter Based Disaster Detection: Comparison between Deep Learning and Machine Learning Models			
174	1109	Ensemble Learning for Robust Medical Diagnostics Across Multiple Modalities			
175	1110	Rumor Detection on Benchmark Twitter Dataset using Firefly Optimization and Explainable AI			
176	1120	A Blockchain-Assisted Platform for Transfer Learning with Model Versioning Provision			
177	1121	Shoplifting Detection System			
178	1127	Medicine Recommendation System using Machine Learning			
179	1137	Analyzing the Role of Emotional Intelligence in Job Performance: Metrics and Insights Through Machine Learning			
180	1138	Cloud Security: Protecting Data and Privacy in a Connected World			



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181	1144	Predictive Student Profiling Using K-Means Clustering Based on Student Performance Using CGPA and IQ for Improving Academic Performance and Placement	TS-19	31-05-2025 2:00PM-4:00PM	ICAISI-2025-TS#19 Saturday, May 31 · 2:00 – 4:00pm Time zone: Asia/Kolkata Google Meet joining info Video call link: https://meet.google.com/tnx-ndxa-uvz
182	1150	An Efficient and Secure Big Data Storage in Cloud Environment			
183	1151	Neuro Oncology Detection using Machine Learning and Transfer Learning Technique			
184	1152	Enhancing Cognitive Beliefs and Emotional Well-Being Through AI and Green Spaces			
185	1165	Study on Mul4-Modal Fake News Detec4on on Online Social Media using Machine Learning and Explainable AI			
186	1174	GAN-Augmented Malware Detection: Synthetic Data Integration for Improved Classification			
187	1177	SMART QUALITY TESTING SYSTEM IN E-COMMERCE			
188	1180	Hybrid Deep Learning Framework for Underwater Image Enhancement Using CNN and Lab Color Model			
189	1182	Enforcing Privacy and Explainability for Pneumonia Detection Using Deep Learning			
190	1183	News Detection on Low Resources Indian Multi-Languages Using XLM-RoBERTa Based Feature Extraction			
191	1186	Comparative analysis of the performance of Generative Adversarial Networks (GAN), Variational Autoencoders (VAE) and Diffusion Models over Traditional CNN for Brain Tumor Detection	TS-20	31-05-2025 2:00PM-4:00PM	ICAISI-2025 TS#20 Saturday, May 31 · 2:00 – 4:00pm Time zone: Asia/Kolkata Google Meet joining info Video call link: https://meet.google.com/pyg-mvmm-ouu
192	1202	Swarm-Based Optimization for Early Heart Disease Detection Using Explainable AI			
193	1209	Enhancing IoT System Security Using Machine Learning Algorithm			
194	1212	Enhancing System Security Through Deep Learning-Based Autoencoder in Image Steganography			
195	1214	An Efficient Ensemble-Based Model for The Prediction of Neurodegenerative Malady and Acute Encephalopathy			
196	1221	communication efficiency in federated learning			
197	1224	Detecting Jamming Attacks in Wireless Sensor Networks Using Machine Learning			
198	1226	Real-Time Posture Correction in Physiotherapy: An LSTMConvolutional Model Approach			
199	1229	Depression Detection in Reddit Posts Using Transformer-Based Deep Learning Models			
200	1230	Advancing Surface Web Threat Detection with Intelligent AI-Based Mitigation Techniques			



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201	1231	From Words to Faces: A GAN-Based Approach for Text-Driven Face Generation	TS-21	31-05-2025 2:00PM-4:00PM	ICAISI-2025 TS#21 Saturday, May 31 · 2:00 – 4:00pm Time zone: Asia/Kolkata Google Meet joining info Video call link: https://meet.google.com/mcp-jncc-pyx
202	1233	Improving Retrieval through Generative Query Expansion and Hybrid Ranking Models			
203	1236	StutterDoc: An Advanced Framework for Speech Disfluency Detection and Correction			
204	1242	Mental Stress Detection from Biomarkers Measurable by Smart Devices using Deep Learning			
205	1246	Empowering Traditional Medicine: AI for Indian Medicinal Leaf Recognition			
206	1248	A COMPREHENSIVE REVIEW ON EARLY PREDICTION OF AUTISM SPECTRUM DISORDER USING DEEP LEARNING			
207	1249	Decision Engine: Propensity Prediction in the Financial Industry based on Customer Data Features			
208	1252	Enhancing Indian Tax Law Understanding with Reptor-Driven RAG Systems: A Clustering and Retrieval Approach using LLMs			
209	1256	AI In Healthcare: Revolutionizing Diagnosis and Treatment Through Machine Learning and Artificial Intelligence			
210	1268	Comparative Analysis of Brain Tumour Detection Using Convolutional Neural Networks U-Net Architecture and Transfer Learning			
211	1275	Walking Signature as Deep Learning Approach to Gait-Based Biometric Identification	TS-22	31-05-2025 2:00PM-4:00PM	ICAISI-2025 TS#22 Saturday, May 31 · 2:00 – 4:00pm Time zone: Asia/Kolkata Google Meet joining info Video call link: https://meet.google.com/wpc-rggv-wov
212	1295	Defect Detection in Solar Panel Cells Using Deep Learning Approach in Solar Panel Industry			
213	1300	Auditory Alchemy: Transforming Call Center Audio into Actionable Sentiment			
214	1301	Investigating Students' Perspectives on the Integration of Cloud Computing in Modern Education			
215	1302	Leveraging Tesseract Software for Optical Character Recognition and Automated Data Extraction			
216	1307	Inducing Thinking capabilities in Large Language Models (LLM) by Synthetic Dataset			
217	1322	Filtering Toxicity in Multilingual Social Media Conversations: A Step Towards Safer Online Interactions			
218	1349	Segmentation of Parkinson's Disease Affected Brain Regions in MRI using Classical and Deep Learning Techniques			
219	1361	From Pixels to Information: A Review of OCR Applications in Food Label Text Recognition			
220	1365	Enhance the student learning process using “Learning Style Identification” method with Hybrid Machine Learning Algorithm			



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221	1367	GNN-FedGAN: A GNN-Enhanced Federated GAN for Anomaly Detection in IoT Security	TS-23	31-05-2025 2:00PM-4:00PM	ICAISI-2025 TS#23 Saturday, May 31 · 2:00 – 4:00pm Time zone: Asia/Kolkata Google Meet joining info Video call link: https://meet.google.com/jtc-cfre-wfv
222	1398	ENHANCED THE NETWORK SECURITY WITH RECURRENT NEURAL NETWORKS FOR INTRUSION DETECTION			
223	1400	Next-Generation E-Commerce Recommendation with Meta-Graph Transformer Models			
224	1411	Bridging Language and Layout: Natural Language Interface for Interior 3D Scene Customization			
225	1440	Mental Health Signal Extraction and Sentiment-Driven Recommendation System using GenAI			
226	1453	Dynamic Traffic Signal Optimization			
227	1458	Secure AI in Healthcare: Advanced Privacy-Preserving Machine Learning Techniques for Medical Data			
228	1465	Olympic data analysis using machine learning			
229	1476	Extraction of Visibility Features by Fusion of Medical Images based on Type-2 Fuzzy Sets with OTLBO			
230	1486	Optimized Mass Detection in Breast Mammograms Using YOLOv5: A CAD Approach			
231	1494	Fog-Driven Real-Time Heart Disease Prediction: A Comparative Study of Machine Learning and Deep Learning Models for Intelligent Healthcare system	TS-24	31-05-2025 2:00PM-4:00PM	ICAISI-2025 TS#24 Saturday, May 31 · 2:00 – 4:00pm Time zone: Asia/Kolkata Google Meet joining info Video call link: https://meet.google.com/szq-cvfv-xug
232	1503	Virtual Screening of Natural Compounds Using AI for Sustainable Drug Discovery			
233	1505	Analysis for Liver Tumor segmentation using Hybrid Deep Learning			
234	1507	Post-Quantum Cryptography For NFC Security			
235	1517	Leveraging transfer learning with Efficient Net for Early Detection of Autism Spectrum Disorder Using Facial Imagery			
236	1539	Wireless IoT System for Load Supervision and Protection			
237	1543	IoT Enabled Smart Stick with SOS Alert & Web Monitoring			
238	1547	Bright Track Web-Enabled Motion Sensing Lighting SystemwithESP32 and Dynamic Zone Control			
239	1548	Apple Care Net: Intelligent Disease Classification with Transfer Learning			
240	1549	IOT-Based Smart Waste System with Alert Mechanism & Route Mapping			



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S. No.	Paper ID	Paper Title	Technical Session #	Date & Timing	Link
241	1550	Automated Resume Builder and Job Matcher using TF - IDF	TS-25	31-05-2025 2:00PM-4:00PM	ICAISI-2025 TS#25 Saturday, May 31 · 2:00 – 4:00pm Time zone: Asia/Kolkata Google Meet joining info Video call link: https://meet.google.com/ghp-fvar-kro
242	1551	IoT Based Smart Intravenous Care With Enabled ECG And Oxygen pulse Monitoring System			
243	1552	AI-Driven Predictive Healthcare Chatbot for Real-Time Symptom Analysis and Disease Detection			
244	1560	Forecasting Crop Yield Using Machine Learning With Meteorological And Pesticide Data			
245	1588	Bridging Communication Through Gesture Recognition Between People with and Without Disabilities			
246	1598	Optimized Segmentation of Lung Cancer Images Using Multiple Processing ML Techniques			
247	1600	Wireless smart helmet for mining operations with real-time monitoring using IoT			
248	1608	IoT Based Smart Fish Feeder & Monitoring System for Enhanced Aquaculture Efficiency			
249	1610	Web Enabled Fingerprint Based Electronic Voting Machine for Private Communities			
250	1628	Advanced vehicle collision detection and avoidance system using IoT			
251	1631	Neuro Oncology Detection using Machine Learning and Transfer Learning Technique	TS-26	31-05-2025 2:00PM-4:00PM	ICAISI-2025 TS#26 Saturday, May 31 · 2:00 – 4:00pm Time zone: Asia/Kolkata Google Meet joining info Video call link: https://meet.google.com/xhq-muzp-nve
252	1632	ADAPTIVE HEALTH INSIGHTS A LINEAR SVC-BASED RECOMMENDATION SYSTEM			
253	1638	Aqualink – Smart Water Supply Automation System			
254	1648	Hate speech detection using AI: Towards a safer digital world			
255	1651	PGGAN-Based Ensemble Learning for Pneumonia Detection with Grad CAM Explainability			
256	1659	Machine learning-driven material recommendation for CAD-based footwear design			
257	1663	Enhancing Speech Emotion Recognition with BiLSTM and Self-Attention using Diverse Pretrained Models: WavLM, HuBERT, Whisper, wav2vec 2.0, XLSR-53, and Data2Vec Audio			
258	1664	Phishing URL Detection using Machine Learning			
259	1671	AI-Powered Real-Time Driver Drowsiness and Alcohol Detection System for Road Safety and Accident			
260	1683	Optimizing EEG-Based Harmful Brain Activity Classification via Ensemble Deep Learning and Two-Stage Training			



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S. No.	Paper ID	Paper Title	Technical Session #	Date & Timing	Link
261	1688	An Advanced Hybrid Ensemble Stacking: Integrating Linear Regression, XGBoost and Decision Tree Regressors for Elevated Predictive Modeling	TS-27	31-05-2025 2:00PM-4:00PM	ICAISI-2025 TS#27 Saturday, May 31 · 2:00 – 4:00pm Time zone: Asia/Kolkata Google Meet joining info Video call link: https://meet.google.com/qqi-icxc-qji
262	1694	Advanced Technology for Improved Time Management in Traffic Signals			
263	1698	Machine Learning Based Method for Leaf-Based Disease Detection in Potato – ResNet50			
264	1700	InceptionV3-Powered Deep Neural Network for Dermatological Cancer Diagnosis			
265	1702	An Automated Network Monitoring and Threat Detection System Using IP Tables			
266	1704	Enhancing Android Malware Detection with CNN and LSTM			
267	1721	Enhancing Skin disease Classification through GAN - Generated Synthetic Images for Improved CNN Training and Generalization			
268	1722	Development of Machine Learning Model for the Detection and Classification of Oral Mouth Breathing Problem in Growing Children			
269	1729	SKintellet: AI-Powered Facial Analysis for Acne Detection, Oiliness Assessment, Personalised Recommendations, and Dermatologist Booking			
270	1734	Fairness-Aware Federated Learning for text classification			
271	1736	A Detailed Comparison of YOLO Architectures: A Performance Based Evaluation	TS-28	31-05-2025 2:00PM-4:00PM	ICAISI-2025 TS#28 Saturday, May 31 · 2:00 – 4:00pm Time zone: Asia/Kolkata Google Meet joining info Video call link: https://meet.google.com/qnb-qsoq-ztd
272	1737	Optimizing WEDM parameters for newly developed hybrid AA6063 MMC by integrated TOPSIS-ML techniques			
273	1738	Texture Content Based Image Retrieval Using Few-Shot Learning: Comparing Triplet, Siamese and Prototypical Networks			
274	1742	Next-Gen AI Healthcare: Integrated Mental and Medication Platform			
275	1743	IoT-Enabled Intelligent Health Diagnostics and Monitoring System			
276	1744	Graph-Based Solutions for Resolving Long-Term Occlusions in Multi-Object Video Tracking			
277	1754	Revolutionizing Veterinary Care: An End-to-End MERN Stack Solution for Pet Owners and Clinics			
278	1757	AI workspace for Research & Project Management with DistilBERT model			
279	1762	Real-Time Object Identification and Activity Classification in Surveillance Videos for Anomaly Detection and SOS Alerts			
280	1769	ENHANCING TRANSPARENCY THROUGH BLOCKCHAIN TECHNOLOGY: A COMPREHENSIVE REVIEW OF TECHNIQUES, CHALLENGES, AND FUTURE DIRECTIONS			



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281	1777	A novel MRI based Deep Learning Ensemble Approach for the prognosis of Multiclass Brain Tumor	TS-29	31-05-2025 2:00PM-4:00PM	ICAISI-2025 TS#29 Saturday, May 31 · 2:00 – 4:00pm Time zone: Asia/Kolkata Google Meet joining info Video call link: https://meet.google.com/xon-upvk-fxn
282	1781	Enhancing Legal Text Summarization Using Fine-Tuned and Hybrid Models on the BillsSum Dataset			
283	1786	A Comparative Study of Authentication Schemes in IoDN: From Traditional Cryptography to Post-Quantum Innovations			
284	1792	Enhanced Object Identification in Low-Visibility Conditions using Thermal Imaging			
285	1795	Students' Self-Determined Motivation towards Gen AI Usage for Academic Performance			
286	1796	Comparative Analysis of NTRU Against Classical and Lattice-Based Cryptosystems			
287	1800	A Novel Approach To Combating Social Engineering Attacks With AI- Powered Threat Detection			
288	1801	ML-driven cybersecurity in banking			
289	1808	Edge-Guided Semantic Segmentation Using Deep Learning			
290	1823	Developments in Scalp Disorders Diagnosis : An Approach Based on Deep Learning and Image Analysis			
291	1826	A Comprehensive Survey on Blockchain Applications in Autonomous Vehicle Ecosystem	TS-30	31-05-2025 2:00PM-4:00PM	ICAISI-2025 TS#30 Saturday, May 31 · 2:00 – 4:00pm Time zone: Asia/Kolkata Google Meet joining info Video call link: https://meet.google.com/Tdx-wngv-vqw
292	1837	Audio Deepfake Detection using MFCC Features and CNN-BiLSTM			
293	1838	AI and Machine Learning for Efficient Resource Allocation in Real-Time Household Garbage Sorting Systems			
294	1852	Behavior Analysis in Crowds using C3D-Transformer model			
295	1856	Analysis of Artificial Intelligence-Based Tools in Research Writing: Current Trends			
296	1857	Evaluating the Trade-Off Between Real and Synthetic Data for Diabetic Retinopathy Detection Using Deep Learning Models			
297	1859	Heart Disease Prediction System Using Machine Learning			
298	1860	Ambient Intelligence in Industrial IoT: A Survey of Context-Aware, Adaptive, and Autonomous Smart Manufacturing Systems			
299	1867	Smart Diagnosis: Using CNN to Identify Skin Conditions			
300	1869	Fraudulent Website Detection Using Autoencoder, CNN, and CNN-BiLSTM Models			



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301	1871	Hybrid Self-Supervised CNN Architecture for Oil Spill Segmentation Using MoCo and ASPP	TS-31	31-05-2025 2:00PM-4:00PM	ICAISI-2025 TS#31 Saturday, May 31 · 2:00 – 4:00pm Time zone: Asia/Kolkata Google Meet joining info Video call link: https://meet.google.com/sqv-mqwi-fod
302	1875	Comparative Analysis of Machine Learning and Deep Learning Models for Heart Disease Prediction Using the Cleveland Dataset			
303	1173	A Web-Based Cardiovascular Disease Risk Assessment Portal Using Data-Driven Weighted Scoring			
304	1510	Post Quantum Encryption Algorithms Using AI/ML			
305	1843	Harnessing Quantum Computing in Smart Grids: Opportunities and Challenges			
306	460	A Hybrid Approach Integrating Global Attention and Local Features for Plant Disease Detection			
307	1878	Analyzing Automation and Value Creation in Context of Aviation			
308	1480	PERSONALITY DETECTION ON ENGLISH DATASET USING MACHINE LEARNING AND EXPLAINABLE AI			
309	1879	The problem of Improving Network Intrusion Detection using a Hybrid CNN LSTM Deep Learning Model: A Cyber security Perspective			
310	693	Evaluating Bitcoin Price Movements: A Multi-Timeframe Approach Using Technical Indicators			
311	1880	Security and Privacy Solutions for EHR Systems: A Comparative Study of Modern Frameworks			
312	1828	Transliterated Hindi text phishing detection using machine learning			
313	1170	A Data-Driven Framework for Identifying Fake Health News and Its Public Health Implications			
57	473	Smart Contract Security: Investigating Vulnerabilities and Developing Methods for Secure Smart Contract Development			