2024 1STINTERNATIONAL CONFERENCE on ADVANCED COMPUTING & EMERGING TECHNOLOGIES (ACET) Presentation Schedule (Tentative)

August 23-24, 2024

Organized by Department of Computer Science & Engineering

Ajay Kumar Garg Engineering College, Ghaziabad, India

S. No	Paper ID	Paper Title	Presenter Name	Mode	Date	Session
1	70	Meta-Learning Strategies for Continual Learning in Multi-task Environments	Sharjeel Ahmad	Offline	Day 1 (23-08-2024)	Technial Session 1(2:30PM - 4:00PM)
2	79	A Raspberry Pi 4 and Arduino-based Automated Intercom Door Lock System	Sajal Aggarwal			
3	110	Detecting Cancer from MRI Using ML Algorithm	Harsh Diggal			
4	134	Beyond Monoliths: An In-Depth Analysis of Microservices Adoption in the Era of Kubernetes	Satyam Arya			
5	158	Portable Object Detection System for Visually Impaired Person in an Alfresco Environment	Prabhat Kr Srivastava			
6	159	A Complete Overview of Investigating Deep Learning and Advanced Machine Learning Methods in Economic Data Analysis	Himanshu Sharma			
7	162	Blockchain-based Aadhaar Identification and Authentication system	Rohan Singh			Technial Session 2(2:30PM - 4:00PM)
8	169	Histopathological Breast Cancer Detection: A Vision Transformer and Attention-Based Approach	Shubhangi Ojha			
9	170	Enhanced Predictive Modeling for Chronic Kidney Disease Diagnosis	Ayush Kumar Bhartiya			
10	174	Analyzing Bibliometric Systematic Reviews on Blockchain's Role in International E-Commerce Supply Chain Management	Harshit Singhal			
11	182	A Robust Framework for Crowdfunding Processes	Vaibhav Ojha			
12	220	Advancements of Machine Learning Algorithms for Plant Disease Detection	Saurav Tiwary			
13	225	Transforming Cardiovascular Disease Management through Advanced AI and ML-Driven Predictive Modeling and Data Visualization	Kritika Gupta			Technial Session 3(2:30PM - 4:00PM)
14	227	Driver Drowsiness Detection System Using Image Recognition	SALMAN KHURSHEED AHMAD			
15	238	Virtual Image Veracity Verification System using Machine Learning	Sakshi Yadav			
16	243	Key Technologies for security with different performance parameter in Mobile Agent System	Mohammad Asim			
17	260	Harnessing ChatGPT in Financial Services : Opportunities and Challenges	Aryan Kanjolia			
18	263	Online College Admission Management System	Lakshay Garg			
19	269	AID-UP: A Platform to Connect NGOs And Volunteer Teachers	Ananya Arora			Technial Session 4(2:30PM - 4:00PM)
20	292	Vision Voyage: The Image Caption Generator"	Kumari Deeksha			
21	323	Childhood Asthma Disease Prediction Using Classification Algorithms of Supervised Machine Learning	Dr. Jaishree Jain			
22	325	FIre and Smoke detection system using ML	Shivam Pandey			
23	326	Skin Lesion Classification 7 Class classification using MobileNetV2 CNN	Manglesh Kumar			
24	336	Enhanced stress detection through integrated machine and deep learning analysis of physiological signals	Rishabh Jain			
25	339	Regret detection on social media using BERT-BiLSTM model	Renuka Sharma			Technial Session 5(2:30PM - 4:00PM)
26	342	Study of Stock Price Trends for Indian Share Market vs American Share Market Using LSTM	Satvik Maheshwari			
27	351	Challenges and Constraints of 5G: Transformation and Prospects for 6G Era	Shikha Aggarwal			
28	363	A New Approach for Liver Disease Prediction Using Supervised Machine Learning Classification Models	Dr. Jaishree Jain			
29	364	NHANCING ROBUSTNESS OF REMOTE HEART RATE ESTIMATION IN VARIED ILLUMINATION ENVIRONMENTS	Pawan Yadav			
30	366	Comparative Analysis of CNN Models for Eye Disease Classification Using Retinal Images	Prakhar Rastogi			

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		Ajay Kumar Garg Engineering College, Ghaziabad, India				
31	386	E-mail classifier	Tanisha Agarwal	Offline	Day 1 (23-08-2024)	**Technial Session 6(2:30PM - 4:00PM)**
32	390	Vehicle Colour, Speed And Type Prediction	Vanshika Raj			
33	398	Vehicle to Vehicle(V2V) IOT(Internet of Things) Based Charger	Suraj Patel			
34	429	A Review on Deep Learning Techniques for skin disease Detection	Sarvachan Verma			
35	448	Revolutionizing Travel Planning: An Image-Based Destination Recognition and Recommendation System	Vanshika Rathi			
36	473	Parkinson's Disease Detection System Using Machine Learning Techniques	Harshit Mishra			
37	479	Generalized Detection of Synthetic Partial Fingerprint Images Using Meta-Learning	Mao-hsiu Hsu			**Technial Session 7(2:30PM - 4:00PM)**
38	483	Prediction analysis of cervical cancer using image processing	Divya Rastogi			
39	493	Covid-19 detection using chest x-ray images	Shiwanki sharma			
40	578	MRI Based Brain Tumor Segmentation with Ensemble Deep Learning	Sachin Jain			
41	499	Detecting plant leaf diseases through a Constitutive Artificial Neural Network that utilizes Gabor filters.	MANISH KUMAR SINGH			
42	507	Image Captioning System Using Deep Learning	Aniket Rupauliha			
43	512	Land Cover Analysis and Change Detection: A Comprehensive Study with Linear Regression Prediction	Barun Kumar Mishra	Offline	Day 2 (24-08-2024)	**Technial Session 8(9:30AM - 11:00AM)**
44	522	Data-Driven Forecasting and Inventory Optimization using Machine Learning Models and Methods	Himanshu Sharma			
45	525	Community Detection and Modularity Analysis in Stack overflow Network graph	Tabrej Ahamad Khan			
46	531	Translation of Characters of Sharda Script using Vision Transformer	Prabhat Pal			
47	534	Enhanced Lung Nodule Classification through Ensemble Transfer Learning Models	Dr. Anuj Kumar Singh			
48	536	Enhanced Dual Image Embedding Technique for Robust Image Authentication	Dr. Anuj Kumar Singh			
49	576	Deep Learning based Fusion for A Multi-Biometric Identification Using LSTM	Amit Kumar			**Technial Session 9(9:30AM - 11:00AM)**
50	584	Sentiment Analysis with RNNs: Insights from LIME Interpretability	Devesh Srivastava			
51	613	Machine Learning Fusion for Crop Yield Estimation	Vansi Suryaprakash Mishra			
52	622	Skin disease detection using Decision Tree and Support Vector Machine	Sarvachan Verma			
53	769	Role of Machine Learning in Acute Stroke Imaging: A Technical Review	Akansha Gupta			
54	156	A MACHINE LEARNING-BASED ANALYSIS OF STOCK MARKET FORECASTING: A REVIEW	ASHISH			
55	194	Sign Language Translator	Riya Chauhan			**Technial Session 10(9:30AM - 11:00AM)**
56	237	Plant Disease detection using Machine learning and CNN on leaf images	Rashmi Bhargava			
57	244	HEARTFIT: HEART DISEASE PREDICTION USING MACHINE LEARNING TECHNIQUES	Harsh Ranjan Kumar			
58	245	Gesture based model using deep learning	Anuja Dixit			
59	248	Smart Crop Recommendation for Modern Farming using Machine Learning	Hemant Upadhyay			
60	447	Tomato Leaf Disease Identification: A Deep Learning Perspective	Prashant kumar			**Technial Session 11(9:30AM - 11:00AM)**
61	9	Quantum Cryptography Using Blockchain for 6G Enabled Internet of Vehicles	Stuti Bhatt			
62	11	ADDMS: Advanced Driver Digital Monitoring System for Efficient Intelligent Traffic Management	Piyush Agarwal			
63	18	FINGERPRINT AND FACE DETECTION WITH SELF BANKING BIOMETRIC AND GSM TECHNOLOGY	R.Ramalakshmi			
64	31	The Evolutionary Arms Race - Safeguarding Financial Stability through Advanced Fraud Detection Techniques	Mr. Rajender Kumar			
65	54	Big Data-Driven Strategies for Growth in 3PL with Advanced IT Solutions	Dr.Kottala Sri Yogi			

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General Chair ACET-2024
HoD CSE, AKGEC, Ghaziabad. India

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		August 23-24, 2024				
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		Ajay Kumar Garg Engineering College, Ghaziabad, India				
66	55	A Novel Approach to Social Sustainability with Machine Learning and the Best Worst Method in Manufacturing	Dr. Kottala Sri Yogi	Online	Day 2 (24-08-2024)	**Technial Session 12(9:30AM - 11:00AM)**
67	56	A Comprehensive Study on Drones and Big Data for Supply Chain Optimization Using a Novel Approach	Dr.Dankan Gowda V			
68	76	Advanced IoT and Machine Learning Techniques for Effective Heart Disease Diagnosis	Dr.Dankan Gowda V			
69	91	TalkifyPy: The Pythonic Voice Assistant	Shivam Gautam			
70	101	Illness and Gender Classification of Cattle	Shubham Rana			
71	108	Automated Monitoring of Hydroponic System using IoT and Cloud based Technology for Sustainable Agriculture	Urmila Pilania			
72	111	Image Processing Techniques for Detecting Steel Defects with MATLAB and Machine Learning	Dr. Dankan Gowda V			**Technial Session 13(9:30AM - 11:00AM)**
73	114	Demystifying Predictive Maintenance Achieving Transparency through Explainable AI"	Dr Bharti Sahu			
74	138	Securing Cyberspace: Traditional vs. IoT Botnets- A Machine Learning Classification Approach	Daksh Rawat			
75	139	Survey on Anomaly Detection using Machine Learning Techniques	Abhishek Kesharwani			
76	160	Job Hunt Mobile Application for Hiring Skilled Labour	Akhil			
77	175	A Study On Predection of Breast Cancer utilising Logistic Regression, Decission Tree, Random Forest	Jatin Pant			
78	177	Wearable Web Enabled IoT-Based Health Monitoring Framework	Vritti Sachdeva			**Technial Session 14(9:30AM - 11:00AM)**
79	179	Fuzzy based Mamdani Inference System for Botnet Detection	Ms. Priya			
80	236	Analyzing Market Sentiment of Gold Commodity News Through Natural Language Processing Techniques	Mohit Bora			
81	240	Comparative Analysis of Transformer-based Large Language Models(LLMs) for Text Summarization	Aishwarya Dadasaheb Kotkar			
82	264	Biometric Identification using Gait Analysis: Methods, Characteristics, and Difficulties	Sakshi Srivastava			
83	276	Deep Acne: Advancing Automated Acne Identification through Deep Neural Networks	Naresh Kumar Trivedi			
84	277	Feature Fusion-Based Deep Learning Model to Ensure Worker Safety at Construction Sites	Vinay Gautam			**Technial Session 15(9:30AM - 11:00AM)**
85	279	Deep Learning Based Dysarthria Detection: A Comprehensive Approach	Chanchal Budhwani			
86	280	A Comprehensive Analysis of Heterogeneous Leach Protocols for Improved Network Performance	P. V. Sivarambabu			
87	287	Enhanced Automated Diagnosis of Pneumonia from X-ray Images using Convolutional Neural Networks	Vihan Singh Bhakuni			
88	309	OFFENSIVE SPEECH DETECTION USING DEEP LEARNING	Vandana Raturi			
89	329	Advancements in IoT-Enabled Smart Vehicle Security Systems (SVSS)	Ishika Gupta			
90	331	Automatic Face Recognition-Based Attendance System using 2D Convolution Neural Network	Dr. Vishan Kumar Gupta			**Technial Session 16(9:30AM - 11:00AM)**
91	340	Communication Model for Multiple Sensory Disabled People using Convolution Neural Network	Dr. Ankit Tomar			
92	346	A Web-Based Real Time Chat Application for User Friendly Interaction	Vivek Negi			
93	435	Comparative analysis of the performance of different Energy-Efficient Routing Protocols for Network Security and Protection Strategy in Homogeneous and Heterogeneous WSN	Avneesh Gour			
94	449	Towards Precision Medicine: Deep Learning Models for Cervical Cancer Detection	Tushar Giri			
95	454	Arduino-Powered Sonar Radar MOKSH: Design, Implementation, and Applications	Seejal			
96	469	An AI-Based Bot for Student Academic Information using NLP	Nashrah Ansari			

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97	480	ChatGPT: An in-depth analysis of its history, current uses, major obstacles, prejudice, ethics, constraints, and potential future developments	Dr. Harish Kumar	Online	Day 2 (24-08-2024)	**Technial Session 17(12:00PM - 1:30PM)**
98	486	BeanClassify: Convolutional Neural Networks for Coffee Bean Categorization	Poonam Shourie			
99	490	Sentinel Exploring the Effectiveness of Autonomous Security Robots in Enhancing Surveillance	Ajitesh kumar			
100	492	Power and area-efficient digital filters for communication applications	Pradnya Zode			
101	504	Ensemble Explainable Artificial Intelligence Model for COVID-19 Detection Using Chest X-Ray Images	Krishna Mohan Pandey			
102	510	A Systematic Review on Internet of Things (IoT) Security: Applications, Architecture, Challenges and Solutions	Vasu Dev Ganda			**Technial Session 18(12:00PM - 1:30PM)**
103	514	DrugSenti-Rx: Analyzing the Sentiment Landscape in Drug Reviews via Aspect Infused Graph Convolutional Networks	Anirban Saha			
104	528	Blockchain Meets Cloud: Revolutionizing Secure and Decentralized Computing	Bhavna Sharma			
105	556	Hyperspectral Image Classification Using Quantum Machine Learning	G.S.Priyanka			
106	560	COVID-19 Prediction Using Linear Regression and Discrete Wavelet Transform	Saratu Yusuf Ilu			
107	573	Modelling a movie recommendation system using a mixed classification method	Anand Prakash Srivastava			
108	596	Exploring the Tangible Impact of Artificial Intelligence and Machine Learning: Bridging the Gap between Hype and Reality	Divya Biradar			**Technial Session 19(12:00PM - 1:30PM)**
109	598	Early Detection of Diabetic Retinopathy Using Pretrained Models: A Focus on Initial Stages	Md Aasif Raza			
110	600	Recommendation System Evaluation with Various Similarity Metrics	Manoj yadav			
111	605	A Transformer-Based Approach for Enhancing Automated Essay Scoring	Sharath Chandra Reddy			
112	615	Fraud Detection In Ethereum Transactions: A Machine Learning Approach	Anubhav Jaiswal			
113	625	Efficient Heart Disease Risk Management: A CNN-based Approach for Automated Prediction using Retinal Fundus Image	Dr. Ujwalla Gawande			
114	626	An Empirical Study on Various Workflow Scheduling Techniques in Cloud Computing	Madhumalag G			**Technial Session 20(12:00PM - 1:30PM)**
115	628	Social Influence on Shopping Using Ant Colony Optimization Technique	Polapelly Srihitha			
116	632	Early Detection of Tea Leaf Pathogen using Transfer Learning Techniques	Swastica K G			
117	636	Deep-SignSpeak: Deep Learning based Sign Language Recognition and Regional Language Translation	Mohammed Daanish M			
118	641	Deep Learning-Enhanced Brain Tumor Segmentation and Evaluation	RAKSHAN B			
119	642	YOLOV8 based Diabetic Retinopathy recognition and classification	Manikandan P			
120	646	Improving Iris Recognition Systems with Transfer Learning and Pretrained CNN Models	S LALITHA			**Technial Session 21(12:00PM - 1:30PM)**
121	654	LEUKEMIA BLOOD CANCER DETECTION IN BLOOD SMEAR IMAGES USING OPTIMIZED CONVOLUTION NEURAL NETWORK ALGORITHM	S.Prabakar			
122	670	Evaluating the Power-Efficient Communication Technique (PECT) for Energy Optimization in Wireless Sensor Networks	R. Manikandan			
123	671	Edge Preparation Impact on Tool Wear and Surface Roughness: Experimental Analysis and Machine Learning Predictions	Anil Kumar Rao			
124	672	Predicting Fouling Progress in Water Cooled Chillers Using Bidirectional LSTM Neural Networks and Synthetic Data	S.Thirumalvalavan			
125	673	Advanced Intrusion Detection Using Multilayer Perceptron Neural Networks Performance Benchmarking and Validation	R. Saranya,			

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126	676	Addressing Blockchain Efficiency: A Study on Super Node-Based Consensus Mechanisms	Kamal Kant			**Technial Session 22(12:00PM - 1:30PM)**
127	688	Integrating Reliable AI to Boost Blockchain's Transparency and Accountability	G.Manikandan			
128	695	Edge AI: A Comprehensive Survey of Technologies, Applications, and Challenges	Vasuki Shankar			
129	697	Data Integrity and Cost Efficiency in Smart Grids: Block-chain Integration Approach	Chodagam Srinivas			
130	708	Deep Learning Based Credit Risk Assessment System for Financial Institutions	Vishan Kumar Gupta	**Online**	**Day 2 (24-08-2024)**	
131	714	ASA: Adaptive Spectrum Allocation Schemes to Reduce Spectrum Fragmentation in Elastic Optical Networks	Somya Bhadoria			
132	717	An Overview on Methods for Random Sampling of Social Media Interaction Data	Yogini Prasanna Paturkar			**Technial Session 23(12:00PM - 1:30PM)**
133	723	Performance Optimization for USB/IP(Universal Serial Bus/Internet Protocol) Network	Kaushal Nath Tiwari			
134	724	Strategic Integration for Future Selection-LSTM Stock Prediction Algorithm based on the Internet of Things (IoT)	S. Prabakar			
135	731	Diabetes Prediction: Machine Learning Models Enhanced by Harmony Search Optimization	Mohith Vennu			
136	732	5G-LRVN: Latency Reduction Framework for Software-defined Vehicular networks	Righa Tandon			
137	735	Prediction of Benign and Malignant Breast Cancer using Machine Learning Techniques: A Review and Comparative Analysis	AMIT KUMAR MANJHVAR			
138	736	Open market:A Proposal To Improve Engagement and Motivation Among Students Towards Basic Programming Subjects	Vartika Pandey			**Technial Session 24(12:00PM - 1:30PM)**
139	791	A novel approach for optical RIS aided VLC communication in 5G IoT networks	Ankita			
140	792	Detailed Explanation: Optimizing COVID-19 CT-Scan Classification with Feature Engineering and Genetic Algorithm	Yogendra Narayan prajapati			
141	802	Systematic Analysis and Classification of Enhanced Diabetesmellitus predictipn through machine learning	R. Manivannan			
142	815	Enhanced Rainfall Prediction: Leveraging Ensembling Models for Maximum Forecasting Performance	Dasari Krishna Kumar			
143	816	Enhanced Detection and Analysis of Lymphoma Cancer Through Machine Learning and Deep Learning	DODDAPANENI MEGHANA			
144	819	Biomimetic and Biological Sensing Technologies for the Assessment of Water Contaminants	T Mohan Raj			**Technial Session 25(12:00PM - 1:30PM)**
145	828	Securing WSN-IoT with Firefly Algorithm and Machine Learning for Intrusion Detection System	Arpit Jain			
146	29	Unveiling Geospatial Dynamics: A Comprehensive Exploration of Location-Based Insights	NAVJOT SINGH TALWANDI			
147	30	Analyzing the Depths: Machine Learning Approaches to Understanding Depression	NAVJOT SINGH TALWANDI			
148	51	Deep Learning-Based Road Sign Detection: The Ultimate Road Technology	AJAY PAL SINGH			