



Reference No.: MAiTRI2024/decision/01

Date: 03/04/2024

Subject: Decision of the submitted manuscripts in MAiTRI-2024 organized by Department of Instrumentation and Control Engineering, Dr B R Ambedkar NIT Jalandhar.

Dear authors,

Thanks for submitting your manuscripts in MAiTRI-2024 and for your patience.

After following rigorous review, the editorial board of MAiTRI-24 has shortlisted the following manuscripts based on the reviewer's comments as presented in Table-1. Authors are required to login and check the status of your submitted manuscript with reviewer's comments (**MAiTRI CMT website**). The authors are required to incorporate the suggestions as per the reviewer's comments and prepare a proper response sheet. Also, at least one author from each manuscript is required to register through the conference website. In case of multiple manuscripts from same authors, they are required to register separately.

Table-1

Paper ID	Title	Paper Status (Decision)
2	A Revolutionary approach to Covid 19 detection using a novel transformer based architecture	Decision Pending
3	Underwater Image Enhancement Using Contrast Enhancement and White Balancing Method	Decision Pending
6	Intrusion Detective System Using Optimizers with Deep Learning	Decision Pending
7	Enhancing Road Safety in Diminished Vision Conditions: A Deep Learning Approach Using Faster MobileNet for Real-time Object Detection	Major Revision
8	An Empirical Analysis on the effect of different parameters in training a Generative Adversarial Network to produce realistic images	Decision Pending
10	Empowering Child Welfare: A Unique Method for Lost Child Localization via Facial Recognition and AI Matching	Decision Pending
11	AI in Financial Decision-Making	Decision Pending
12	An Experimental Study of AI-Inspired Optimization Algorithms for Automated Test Case Generation	Major Revision
13	NeuroLingua Nexus: A Lightweight Deep Network unveiling the potential of dual attention mechanism for Multilingual Mastery	Decision Pending
14	Advancements in Fake News Detection: A Comparative Study of Machine and Deep Learning Methods	Major Revision
15	Strategic Integration of Machine Learning in Business Models	Decision Pending
16	Analysis of Crop Production in Uttar Pradesh through Machine Learning	Major Revision
17	Prediction of Diabetic Complications using Machine Learning	Major Revision
18	Rainfall Prediction Using Machine Learning	Major Revision



19	Deep Learning Models for Micronutrient Deficiency Detection Using Fingernails	Reject
20	Smart Face Generation Using Deep Convolutional Generative Adversarial Networks	Major Revision
21	Comparative Analysis for Sales Prediction and Deployment System for Big Mart Stores: Unveiling the Optimal Model using Machine Learning	Decision Pending
22	Estimating Passenger Car Units Using Occupancy Time Method and Roundabout Entry Capacity Modelling Using Theil-Sen Regression: A Study in Indian Traffic Context	Major Revision
23	Enhanced Scalable approach for Context-aware Recommender System using Hybrid Content-Boosted Collaborative Filtering and Density-based spatial clustering	Decision Pending
24	A Comprehensive Approach to Email Spam Detection using Machine Learning	Decision Pending
25	Parallel Implementation of Neighbors-based Binary Pattern using CUDA	Decision Pending
26	Parallelization of Local Extrema Co-occurrence Feature Extraction	Major Revision
27	Parallelized Local Texton XOR Patterns Extraction	Decision Pending
28	Parallel String Permutation using MPI	Decision Pending
29	Parallel Equilibrium Difference Local Binary Pattern using GPU	Decision Pending
30	Parallelization of Image Security in Radiology Information Systems	Decision Pending
31	Parallel Sub-sequence Generation of a String using MPI and CUDA	Major Revision
32	Parallel Strand Sort using MPI and CUDA	Decision Pending
33	Parallelization of Counting Sort	Major Revision
34	Parallelization of Cycle Sort Algorithm	Decision Pending
35	Comparative Analysis of Machine Learning Models for Lung Cancer Prediction and Risk Assessment	Decision Pending
36	Enhancing IoT Security: Federated Learning with Autoencoder Model for IoT Attacks Detection	Decision Pending
37	PHISHING PREVENTION USING STEGANOGRAPHY	Decision Pending
38	Vigilant Vision: Harnessing Facial Analysis for Road Safety Against Drowsy Driving	Decision Pending
39	A study for performance analysis of supervised learning algorithms in detecting Potato Leaf Disease	Decision Pending
40	A Survey on ML Algorithms for Disease Prediction Used in Cutting-Edge Medical Care Administration Systems	Decision Pending
41	Package Pulse	Reject



42	Smart Solutions for Mindful Living: Enhancing Yoga Practice with Technology	Reject
43	Exploring Generative AI Approaches for Crafting Image Captions: A Research Inquiry into Ethical, Engaging Content Generation	Decision Pending
44	DeepYOLO-An Efficient Real Time Vehicle Detection System Using Yolo-v8 and DeepSORT Algorithm	Decision Pending
45	Improving Electricity Load Forecasting Precision with Multimodal Time Series Analysis	Major Revision
46	Pneumonia Detection in Chest X-Rays: An Analysis of Convolutional Neural Networks	Major Revision
47	Predicting Short-Term Stock Prices with the K-Nearest Neighbors (KNN) Algorithm	Reject
48	Prediction Of Parkinson Disease Using Classifiers	Reject
49	Deep Learning Approaches for disease detection in cauliflower crop	Decision Pending
50	ESTIMATION OF CHANNEL USING FFT IN INTELLIGENT REFLECTING SURFACES FOR 5G AND BEYOND	Decision Pending
51	Design and Evaluation of IDMA-OFDM Simulink Model for Underwater Communication	Decision Pending
52	In-Vehicle Networking Protocol Diversity: A Simulation-Driven Investigation of Car Data Generation	Decision Pending
53	Decomposition Methods based Holistic Approach with LSTM Network on Pollution Prediction	Decision Pending
54	Analysis of Mental Health of Children in the 2 ICT-Based Education System	Decision Pending
55	Effect of Activation Function on LSTM for stock price prediction	Decision Pending
56	Deciphering Dilemma Zones at Median U-Turn Intersections: A Support Vector Machine Perspective	Decision Pending
57	Machine Learning Approach for Early Detection of Heart Disease	Decision Pending
58	Intuitionistic Fuzzy Gram-Schmidt Orthogonalized Artificial Neural Network for Solving MAGDM Problems	Reject
60	Harnessing Technological Solutions to Address Growing Demand for Healthcare Services: A Review	Reject
61	Parallelization of Pigeonhole Sort for Efficient Data Sorting	Decision Pending
62	Impact of Image Processing Techniques on Deep Learning	Decision Pending
63	Comparative Analysis of Clustering Algorithms on Economic Freedom Index	Major Revision
64	An Approach to Deepfake Video Detection Using LSTM	Major Revision
65	A Real-Time Video Surveillance based system for enhancing Child Safety in Public Parks using Jetson TX2 and novel SafetyNet-102 Model	Decision Pending



66	Identification of Features for the Classification of Diabetic Retinopathy	Reject
67	A cross-cultural multilingual text to text generation framework using novel SanskritiGenAI model for preserving and digitizing cultural heritage	Major Revision
68	Effective Area and Delay Optimized Three-Operand Binary Adder	Decision Pending
69	Exploring Potential of Parameterized Quantum Circuits in Neural Networks for Enhanced Machine Learning	Major Revision
70	Karatsuba Algorithm: Parallelization Using CUDA	Decision Pending
71	An Empirical Review of Different Machine Learning Techniques to predict Chronic Kidney Disease	Decision Pending
72	Type-2 Diabetes Prediction Using Machine Learning Algorithms And Ensembles with Hyperparameters	Decision Pending
73	An Automated Seed Sowing Machine with Obstacle Avoidance System	Decision Pending
74	AI-Driven Transformation of HR: Enhancing Recruitment, Training, and Employee Retention	Decision Pending
76	Text-CAPTCHAs Classification using Deep Learning	Decision Pending
77	Identification of Cognitive Distortions using Weighted Ensemble Approach	Decision Pending
78	Alzheimer's Disease Detection: A Comparative Study of Machine Learning Models and Multilayer Perceptron	Decision Pending
79	Design Of Intelligent Vehicle System Using Computer Vision And Deep Learning Techniques	Major Revision
80	From Pixels to Payouts- A satellite based Solution	Decision Pending
81	COTTON LEAF DISEASE PREDICTION AND DIAGNOSIS USING DEEP LEARNING	Decision Pending
82	Transforming Operations: Integrating Computer Vision and Machine Learning for Automated Business Processes	Decision Pending
83	IMAGE PROCESSING IN AGRICULTURE	Decision Pending
84	CareerConnect: A complete system for empowering college placement processes.	Decision Pending
85	Unlocking Minds: A New Era Approach of Predicting Mental Health	Decision Pending
86	QUANTUM-ENHANCED SVM FOR CHRONIC KIDNEY DISEASE PREDICTION	Decision Pending
87	Human action recognition, Convolutional neural network (CNN), KTH dataset, Computer vision, Feature extraction	Decision Pending
88	Solving Complex Joint Entrance Exam Questions using Large Language Models	Decision Pending
89	Affect Recognition and Analysis from Scalograms using DCGAN based Inception-V3	Decision Pending
90	AI controlled SMES for improving the stability of grid incorporated wind system under fast wind variation	Decision Pending
91	Footprint Extraction for Aerial Images using Semantic Segmentation with UNET	Decision Pending
92	Detection of Brain Tumor through Deep Learning	Decision Pending



93	Color Recognition Using Machine Learning	Decision Pending
94	Color Recognition Using Machine Learning	Decision Pending

* **Provisionally Accepted:** The manuscript is provisionally accepted subject to completion and verification of the registration fee.

** **Accepted with Minor/Major Revision:** The manuscript is provisionally accepted subject to addressing all the possible suggestions as per the reviewer's comments and subject to completion and verification of the registration fee.

*** **Decision Pending:** Authors of this category are requested to wait for the final decision. The conference team update the decision very soon.

All the manuscripts other than the listed manuscripts in the Table-1 are considered to be rejected due to technical and quality reasons. The decision of MAiTRI-24 editorial board is final and bound to everyone.

In case of any discrepancy, please inform the organizers immediately.

Dr. Om Prakash Verma

(Organizing Secretary)