

ERCICA-2024 - FINAL LIST OF ACCEPTED PAPERS

Sl.No	Paper ID	Paper Title	Drillbill%	R1	R2	Springer-
1	101	A Unique Comprehensive Analysis for Detecting Vitamin Deficiencies using Picture Analysis through Image Processing	19	Y	Y	YES
2	103	Exploring Generational Perspectives on Restaurant Food Safety and Blockchain Implementation: A Survey Analysis	20	Y	M	YES
3	107	Machine Learning Algorithm is used to identify Autism Spectrum Disorder in humans being	8	M	Y	YES
4	110	Predictive Traffic Management and Deep Learning Based Vehicular Congestion Mitigation	14	M	Y	YES
5	115	Comprehensive analysis of Smart Greenhouse Monitoring System	4	Y	M	YES
6	123	Cybersecurity Threat Detection of Anomaly based DDoS Attack using Machine Learning	15	Y	M	YES
7	124	DETECTING OBJECTS IN REAL-TIME VISUAL MEDIA USING DEEP LEARNING	20	Y	Y	YES
8	130	Deep Learning-Based Biometric Verification in a Secure Cloud Environment	4	Y	Y	YES
9	131	Privacy Enhanced Course Recommendations through Deep Learning Federated Learning Environments	9	Y	Y	YES
10	133	MOBILE APPLICATION TO DETECT SUGARCANE DAMAGED BILLETS	12	Y	Y	YES
11	134	Android Security: Genetic Algorithm-Based Malware Detection System	9	Y	Y	YES
12	136	Visualizing Rural and Urban Landscapes	14	Y	Y	YES

13	137	Enhancing Fashion Image Generation with Attention-Based Generative Adversarial Networks	14	Y	Y	YES
14	140	Automated Anaemia Detection: Machine Learning Approach	18	M	Y	YES
15	144	Fire Detection Using Transformer Based Model	20	Y	Y	YES
16	145	NFT MARKETPLACE FOR EXCHANGE OF DIGITAL ARTIFACTS USING SMART CONTRACT	8	Y	M	YES
17	147	Multi-Facial Recognition using Multitask Cascaded Convolutional Neural Networks	17	M	Y	YES
18	148	Interactive Augmented Reality Learning Environment for Children: A Fusion of Motion, Poetry, and Object Recognition	10	Y	M	YES
19	151	CROP-CONNECT : Empowering Farmers through Digital Community	9	Y	Y	YES
20	153	ROAD SCENARIO PERCEPTION FOR SELF DRIVING VEHICLES	13	Y	M	YES
21	158	AI-Powered Dermatological Diagnosis for Diverse Skin Diseases	13	Y	M	YES
22	161	TO DISTRIBUTE THE ABNORMAL EVENT USING GCM-DDS ALGORITHM, WITH SECURELY USING RSA-IV DE ALGORITHM	4	Y	M	YES
23	164	To Classify Normal and Abnormal events using Siamese Network with CMPO algorithm and to tracking the Abnormal events using e-TLD Algorithm	3	M	Y	YES
24	169	CASA: Revolutionizing Seizure Prediction with African Vulture-Inspired Feature Selection	8	M	Y	YES
25	173	A Novel System for Authentication of Identity Cards using YOLO v5 & YOLO v8	15	Y	M	YES
26	200	Tailored Garment Recommendations Using Computer Vision and Machine Learning	17	Y	M	YES

27	202	Conversion of Braille Document to Regular English Document using VGG16 BC-CNN Model	10	M	Y	YES
28	211	Integrated Approach for Real-time Human Counting, Tracking, and Direction Estimation using Advanced Algorithms	15	M	Y	YES
29	212	Brain Diseases Prediction using ML	22	Y	Y	YES
30	215	ASSISTING VISUALLY CHALLENGED INDIVIDUALS TO DISTINGUISH AUTHENTIC CURRENCY FROM	17	Y	Y	YES
31	216	Zenify.me - Your AI companion for a happier, healthier you	10	M	Y	YES
32	217	An Ideal Machine Learning Method That Uses URL Information to Identify Phishing Attempts	13	Y	Y	YES
33	218	Forecasting Electricity Theft Through Machine Learning Within A Smart Grid Setting	14	Y	Y	YES
34	224	IoT-Powered Hydroponics System: A Real-Time Monitoring and Control System	5	Y	M	YES
35	225	Robust Human Target Detection And Acquisition	13	Y	M	YES
36	230	Prediction of Patient Progression Using Deep Fusion Approach in IoT-based Distributed Healthcare System	9	Y	Y	YES
37	233	Software Effort Estimation using AIML and a User-interface: A Comprehensive Literature Review	9	Y	Y	YES
38	236	A Deep Learning Based Approach for Detection of Lumbar Spondylolisthesis from X-Ray Images	16	Y	M	YES
39	238	A semi-supervised Centroid based Object Tracking in Video surveillance Using Deep Detector and Saliency Estimation	14	Y	M	YES
40	239	Recognizing personality traits from handwriting with machine learning technique	15	Y	Y	YES

41	240	Adaptability of Denoising Models for Low Dose CT Images	10	Y	Y	YES
42	243	Exploring the causes of Maternal mortality in Karnataka and Crafting Strategies for Prevention	12	Y	Y	YES
43	244	Utilizing Deep Learning Features to Categorize White Blood Cells in Blood Smear Images	24	Y	Y	YES
44	250	ENHANCING DATA SECURITY AND CLOUD PERFORMANCE WITH CONFIDENTIALITY- BASED CLASSIFICATION-AS-A-SERVICE (C2AAS) FOR BIG DATA PROCESSING AND STORAGE	14	Y	M	YES
45	260	Design and Development of Morse Code-Authentication System for Military Applications	29	Y	M	YES
46	261	Studex: A one stop solution to all college community needs	8	Y	y	YES
47	264	SmokeEye: An AI-ML based Dehazing and Desmoking System	8	Y	M	YES
48	269	HYBRID APPROACH USING DEEP NEURAL NETWORKS FOR LEAF DISEASE DETECTION AND DISEASE MANAGEMENT	23	Y	M	YES
49	273	Anomaly Detection Forecasting and Timely Alerts through Deep Learning and Embedded System	8	Y	Y	YES
50	278	Hybrid Model of SRGAN CNN-LSTM for Classifying Dysgraphia in Primary school children using Handwritten Images	19	M	Y	YES
51	284	Securing Evidence in Digital Forensics Using Blockchain	9	Y	Y	YES
52	285	A Tri-Model Ensemble Approach for Phishing URL Detection using Explainable AI and Hyperparameter Tuning Techniques	15	Y	Y	YES
53	288	Exploring Advanced Techniques in Evaluating Water Quality Safety: A Comparative Analysis of Machine Learning and XAI Approaches	9	Y	Y	YES
54	289	Enhancing Medical Imaging: A Holistic Exploration of Precise PCOD Segmentation and Classification using Ensemble Deep Learning Approaches	13	Y	Y	YES

55	290	SKIN CANCER USING GAN MODEL BASED ON NEURAL NETWORK	8	Y	Y	YES
56	292	Design and Implementation of AI Machine Vision Inspection System with Multi-Optical Images for OLED Film Manufacturing	7	M	Y	YES
57	299	Novel Framework for Malicious URL Detector using Enhanced XGBoost	24	M	Y	YES
58	300	OBJECT DETECTION AND RECOGNITION ON HUMANOID OBJECTS USING DEEP LEARNING	12	M	Y	YES
59	302	HealthLink: A Healthcare System Leveraging IoT, Blockchain, and IPFS for Enhanced Data Security	9	Y	Y	YES
60	305	Brain Tumor Segmentation Using 3D Unet and 3D Autoencoder Contribution	21	Y	Y	YES
61	308	Exploring Synthetic Data Generation Methods: A Comprehensive Survey	12	M	Y	YES
62	312	Safeguarding EVs: A Next-Generation BMS with Integrated Fire Protection	11	Y	M	YES
63	316	Increasing Cybersecurity Resilience: Using Machine Learning Algorithms to Detect and Classify Cyber Attacks	12	M	Y	YES
64	326	A QoS Aware RA Algorithm for OFDM Network	14	M	Y	YES
65	329	Advancing Video Surveillance Security: Real-Time Threat Detection with Deep Learning	17	M	Y	YES
66	334	PCOS Detection using Machine Learning	10	M	Y	YES
67	336	Utilizing Diverse Machine Learning Methodologies for Enhanced Stock Market Forecasting	10	Y	Y	YES
68	337	Metaheuristic (Ant Colony Optimization) Algorithm-based optimization of a Pentagon shaped patch antenna for medical purposes	2	Y	M	YES

69	338	Development and Optimization of AI-Powered Travel Companion	11	Y	Y	YES
70	341	An Optimized Approach of Player Selection in Cricket Using Performance Analytics	21	Y	M	YES
71	345	Multivariant Facial Age Progression Using GANs Variated by Genetic Algorithm and Generative AI	6	Y	M	YES
72	349	PRIORITIZING TEST CASES THROUGH FEDERATED LEARNING APPROACH	7	M	Y	YES
73	355	Blockchain-Driven Healthcare Management: A Secure and Efficient Prescription System with OCR and QR code	9	Y	Y	YES
74	358	Wearable Hand Orthotic Device for Stroke Monitoring and Rehabilitation	13	M	Y	YES
75	361	Remote Health Monitoring for Empowering Patients with Intelligent Wearables	9	Y	Y	YES
76	364	The Fabric of Gaming: Weaving Insights into Popular Video Games through Social Network Analysis (1980-2023)	7	Y	Y	YES
77	367	Memspect: Tiny Static Analysis Framework for Real-World C Codebases	6	Y	Y	YES
78	369	Design of Open L Slotted Monopole Antenna for Bluetooth Application	25	Y	Y	YES
79	373	Optimizing Traffic for Emergency Vehicles – An Improved Data Driven Approach	13	Y	Y	YES
80	377	A Survey on Machine Learning Models Used for Detecting Brain Tumors	25	Y	Y	YES
81	378	Determining Adverse Effects of COVID-19 Vaccination Using Machine Learning and Deep Learning Classification and Identification	13	Y	Y	YES
82	379	Predictive Mechanism for fault-detection in Electric Vehicles: A Sustainable Transport	27	Y	Y	YES

83	381	Low Complexity Effective Model-driven Engineering for Fault Detection in Transmission Lines Using CNN-LSTM	16	M	Y	YES
84	383	Automated CI/CD Pipeline: A DevOps Approach for Deploy Containerized Applications	7	Y	Y	YES
85	391	Judicial Insight Navigator - A Document Management System for Indian Law Firms Using Contextual search	13	Y	Y	YES
86	392	Text to Video Generation using Natural Language Processing and Machine Learning	11	Y	Y	YES
87	393	Assistance for Visually Impaired individuals using Artificial Intelligence and Natural Language Processing	18	Y	Y	YES
88	394	IMPLEMENTATION OF REINFORCEMENT LEARNING - OPTIMIZED COMMUNICATION PROTOCOLS FOR VANETS: CHALLENGES AND SOLUTIONS	4	M	Y	YES
89	399	MAC Design and Performance Improvement using 64-Bit Vedic Multiplier Based on Urdhva Tiryagbhyam Sutra	23	Y	Y	YES
90	400	An Adaptive Learning Elderly Fall Detection System using LSTM and Convolutional Neural Network	22	Y	Y	YES
91	402	Enhanced Chlorophyll-a Assessment in River Water via Deep Learning Approaches with Remote Sensing Data	12	Y	Y	YES
92	406	Low Light Image Enhancement using MIRNet for Gesture Recognition	11	Y	Y	YES
93	409	An Application for Translating Media- Bridging the Gap with Sign Language	19	Y	Y	YES
94	414	Comparative Study of Supervised Machine Learning Techniques for Kannada Text to Braille Conversion	26	Y	Y	YES
95	415	Realization of Carry Look Ahead Adder Using Reversible Gates	11	Y	Y	YES
96	416	Design and Implementation of Application Specific UTMI with SIE	5	Y	Y	YES

97	419	Python source code analysis for bug detection using Transformers	12	Y	Y	YES
98	421	Reduced set of HOG Features through Feature Selection Method for Efficient Offline Signature Verification	31	Y	Y	YES
99	422	Optimizing Frequent Pattern Mining: Evaluating Efficiency Gains Through Transaction Aggregation	18	Y	Y	YES
100	423	Multiple Regression to Calculate Indian Premier League Player Auction Price using Player Performance Attributes	16	Y	Y	YES
101	428	Chatbots in Telecommunications: Enhancing Customer Engagement with Deep Learning Models	11	Y	M	YES
102	430	RECOGNITION OF SIGN LANGUAGE USING E-CNN	9	Y	M	YES
103	431	QSAR Model for Aquatic Toxicity Estimates using Machine Learning	11	Y	M	YES
104	432	Security and Threats in Aviation: Cryptographic Based Network Security System	14	Y	M	YES
105	438	Secure File Transfer Management: Leveraging Special Group ID for User-to-User Communication in Linux	10	Y	Y	YES
106	448	To Classify Normal and Abnormal events using Siamese Network with CMPO algorithm and to tracking the Abnormal events using e-TLD Algorithm	5	Y	Y	YES
107	463	A Brief Review and Comparative Analysis of Deep Learning based Approaches for Event Detection in Videos	29	Y	Y	YES
108	464	Harmonizing Habitat: P-YOLOv5 Enhanced Computer Vision for Mitigating Human-Wildlife Conflicts in Rural Areas	9	Y	Y	YES
109	465	Acoustic Scene Classification Using Machine Learning Techniques	11	Y	Y	YES
110	466	Enhanced phishing URL classification based on machine learning with keyword specific web crawler	11	Y	Y	YES

111	468	Machine Learning for Gender Inclusivity: Empowering Women in India's IT Landscape	12	Y	Y	YES
112	469	Wireless Electric Vehicle Charging System	14	Y	Y	YES
113	470	Digital Patient Records Management System using Blockchain	9	Y	Y	YES
114	483	An Evaluation framework for Voice commands to control the Micro Air Vehicles	6	Y	Y	YES
115	492	Touchless Tech Assistant – A Gesture Controlled Virtual Mouse and Voice Assistant	12	Y	Y	YES