



**Vel Tech**  
Rangarajan Dr. Sagunthala  
R&D Institute of Science and Technology  
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**Department of Computer Science and Engineering**  
**List of Publications**  
**Academic Year 2024-2025**

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
1	Dr. Kanagachidambaresan. G.R	Cognitive computing for smart automotive transportation: Technology and applications	2025			10.1201/9781003392330	CRC Press	Book
2	Dr. Kanagachidambaresan. G.R	An Extensive Survey on Internet of Things(IoT) Security, Risk factors, Trust Management, Security Protocols and Machine Learning Techniques	Jul-25			10.1109/ICCRTEE64519.2025.11053060	Institute of Electrical and Electronics Engineers Inc.	Conference paper
3	Dr. Kanagachidambaresan. G.R	Water Quality Monitoring and Advisory Systems Using Real-Time Sensors and GPTs for Precision Brackishwater Aquaculture	Sep-25			10.1109/IC2E365635.2025.11167875	Institute of Electrical and Electronics Engineers Inc.	Conference paper
4	Dr. Kanagachidambaresan. G.R	Combined Deep Learning Framework With Selective Features for Botnet Attack Detection in Internet of Things	Dec-25	41	6	10.1111/coin.70157	John Wiley and Sons Inc	Journal
5	Dr. Kanagachidambaresan. G.R	Brackish water parameters monitoring dashboard using Internet of Things and Industry 4.0	Nov-24	11	0	10.4108/eetiot.6860	European Alliance for Innovation	Journal
6	Dr. Kanagachidambaresan. G.R	Machine Learning Based Voltage Prediction with Various Levels of pH in IoT Environment	Mar-25	2333 CCIS	0	10.1007/978-3-031-83783-8_16	SPRINGER INTERNATIONAL PUBLISHING AG	Conference paper
7	Dr. Hariharan.S	Fuel Efficiency Analysis using Machine Learning Approach	2025	17	3	10.4273/ijvss.17.3.22	Carbon Magics Ltd	Journal
8	Dr. Hariharan.S	Secure Enterprise Transaction with Corda Technology	Oct-25			10.1109/WorldSUAS66815.2025.11198949	Institute of Electrical and Electronics Engineers Inc.	Conference paper
9	Dr. Hariharan.S	Predicting Fuel Efficiency using Tensorflow for Sustainable Transportation	May-25		0	10.1109/ICTMIM65579.2025.10988069	IEEE	Conference paper

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10	Dr. Hariharan.S	A robust deep learning model selection with data augmentation for automatic detection of tessellated fundus images and explainable artificial intelligence based interpretation	Dec-25	161	0	10.1016/j.engappai.2025.112316	PERGAMON-ELSEVIER SCIENCE LTD	Journal
11	Dr. Hariharan.S	Optimal sizing and feasibility analysis of hybrid energy microgrid system using multi-objective moth swarm algorithm	Oct-25	45	1	10.1002/ep.70122	WILEY	Journal
12	Dr. Hariharan.S	BrainDx: a dual-transformer framework using PVT and SegFormer for tumor diagnosis	Mar-25	113	0	10.1016/j.bspc.2025.108917	ELSEVIER SCI LTD	Journal
13	Dr. Hariharan.S	Neuroinfinity: A Lightweight Prompt-Driven Vision-Language Framework for Alzheimer's Disease Stage Classification Using Magnetic Resonance Imaging	Nov-25	13	0	10.1109/ACCESS.2025.3630141	IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC	Journal
14	Dr. M. Rajeev Kumar	A survey on blockchain-based solutions for cloud computing performance	Jun-25	3306	1	10.1063/5.0275730	American Institute of Physics	Conference paper
15	Dr. M. Rajeev Kumar	Post Quantum Secure Blockchain Model using Lattice Cryptography and Computational Time Consensus in Cloud Systems	Oct-25			10.1109/ICIMIA67127.2025.11200943	Institute of Electrical and Electronics Engineers Inc.	Conference paper
16	Dr. M. Rajeev Kumar	Deep Learning Algorithms for Satellite Image Processing: Past, Present and Future	Oct-25			10.1109/WorldS UAS66815.2025.11199074	Institute of Electrical and Electronics Engineers Inc.	Conference paper
17	Dr. M. Rajeev Kumar	A Comparative Analysis of CNN and Hybrid CNN-LSTM for Crop and Fertilizer Recommender System	2025			10.1109/ICoEIT63558.2025.11211782	Institute of Electrical and Electronics Engineers Inc.	Conference paper

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18	Dr. R. Srinivasan	Plant Leaf Disease Detection Using IoT and Deep Learning Approach	May-25			10.1109/IC3ECS BHI63591.2025.10990935	Institute of Electrical and Electronics Engineers Inc.	Conference paper
19	Dr. R. Srinivasan	Simulations and Real-Time Control Using Time Abstraction	May-25	2440 CCIS		10.1007/978-3-031-88762-8_12	Springer Science and Business Media Deutschland GmbH	Conference paper
20	Dr. R. Srinivasan	Enhancing IoT-Based smart city security through federated learning and privacy preservation using FedAC algorithm	Sep-25			10.1080/1448837X.2025.2558364	Taylor and Francis Ltd.	Journal
21	Dr. R. Srinivasan	Support Vector Machine-based Early Detection of Pearl Millet Diseases for Improved Crop Yield	Sep-25			10.1109/ICSCSA 66339.2025.11171094	Institute of Electrical and Electronics Engineers Inc.	Conference paper
22	Dr. R. Srinivasan	Systematic Literature Review on IoT-based Botnet Attacks: Techniques, Trends, and Challenges	Sep-25			10.1109/ICSCSA 66339.2025.11170720	Institute of Electrical and Electronics Engineers Inc.	Conference paper
23	Dr. R. Srinivasan	Automated ARPU Prediction System for Mobile Value-Added Services	Nov-25	1431 LNEE	0	10.1007/978-981-96-7253-0_47	Springer Science and Business Media Deutschland GmbH	Conference paper
24	Dr. R. Srinivasan	Enhanced Detection and Classification of Pearl Diseases using Convolutional Neural Networks with Data Augmentation	Oct-25			10.1109/ICIMIA 67127.2025.11200586	Institute of Electrical and Electronics Engineers Inc.	Conference paper
25	Dr. R. Srinivasan	Secure and Energy Efficient Clustering and Routing Using Multi-Objective Trust Aware Cosine Tasmanian Devil Optimization Algorithm in WSN	2025	18	1	10.22266/ijies2025.0229.36	Intelligent Network and Systems Society	Journal

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26	Dr. R. Srinivasan	Developing a novel energy efficient routing protocol in WSN using adaptive remora optimization algorithm	Jun-24	244	0	10.1016/j.eswa.2023.122873	PERGAMON-ELSEVIER SCIENCE LTD	Journal
27	Dr. N.K. Senthil Kumar	IoT-Driven Agricultural Monitoring Architecture with Novel Light Machine Learning for Enhanced Precision Crop Health Analysis	Feb-25	417	0	10.1007/978-981-97-8355-7_28	Springer Science and Business Media Deutschland GmbH	Conference paper
28	Dr. N.K. Senthil Kumar	Multi sensor based monitoring of paralyzed using Emperor Penguin Optimizer and Deep Maxout Network	Jun-25	15	1	10.1038/s41598-025-04381-x	NATURE PORTFOLIO	Journal
29	Dr. N.K. Senthil Kumar	Dual smart sensor data-based deep learning network for premature infant hypoglycemia detection	Jul-25	15	1	10.1038/s41598-025-03864-1	NATURE PORTFOLIO	Journal
30	Dr. N.K. Senthil Kumar	A Strategic Approach To Patient Diagnosis And Prognosis Of Pancreatic Cancer Using Deep Echo State Network With Catch Fish Optimization Algorithm	2025			10.4015/S1016237225500401	WORLD SCIENTIFIC PUBL CO PTE LTD	Journal
31	Dr. Kannan. E	Optimizing Crop Recommendation System Using Threshold and Decision-Level Fusion	Feb-25			10.1109/ICMSCI62561.2025.10894701	Institute of Electrical and Electronics Engineers Inc.	Conference paper
32	Dr. Kannan. E	Empowering Precise Crop Recommendation System by Accompanying Tree Covariance Matrix-Parallel Random Forest Classifier	2025	7	2	10.54392/irjmt2525	Asian Research Association	Journal
33	Dr. Kannan. E	Enhancing precision farming through IoT: Advanced sensor applications and data strategies in agriculture	2025			10.1201/9781032618173-5	CRC Press	Book chapter

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34	Dr. Kannan. E	Deep Learning for Satellite Image Classification: A Comparative Analysis of CNN and ResNet-18	Jun-25			10.1109/STCR62650.2025.11020245	Institute of Electrical and Electronics Engineers Inc.	Conference paper
35	Dr. Kannan. E	A Unified Framework For Crop Recommendation: Integrating Machine Learning And Feature Selection For Enhanced Accuracy And Computational Efficiency	2025	26	5	0	Scibulcom Ltd.	Journal
36	Dr. N. Rajkumar	Structured Process on FL for Big Data Analysis	Feb-25			10.1109/ICMCSI64620.2025.10883196	Institute of Electrical and Electronics Engineers Inc.	Conference paper
37	Dr. N. Rajkumar	Federated Learning in Big Data with IoT for Intrusion Detection	Feb-25			10.1109/ICMCSI64620.2025.10883562	Institute of Electrical and Electronics Engineers Inc.	Conference paper
38	Dr. N. Rajkumar	Source IP Hashing Algorithm for Load Balancing in Cloud Server	Feb-25			10.1109/ICMCSI64620.2025.10883068	Institute of Electrical and Electronics Engineers Inc.	Conference paper
39	Dr. N. Rajkumar	Optimizing Township Government Administration with Genetic Algorithms for a Green and Sustainable Rural Future	Apr-25	15	2	10.48084/etasr.9769	Dr D. Pylarinos	Journal
40	Dr. N. Rajkumar	Non-Intrusive Load Monitoring Techniques for Intelligent Energy Management: A Comparative Study of FHMM and LSTM Approach	Apr-25			10.1109/ICVADV63329.2025.10961750	Institute of Electrical and Electronics Engineers Inc.	Conference paper
41	Dr. N. Rajkumar	A Comparative Analysis of IoT Platform Tools: Security and Scalability Preferences in Device Management Using AHP	Apr-25			10.1109/ICVADV63329.2025.10961822	Institute of Electrical and Electronics Engineers Inc.	Conference paper

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42	Dr. N. Rajkumar	Blockchain-enabled cybersecurity for IoT using elliptic curve cryptography and black winged kite model	May-25			10.1007/s41870-025-02576-z	Springer Science and Business Media B.V.	Journal
43	Dr. N. Rajkumar	AI-Enhanced Anomaly Detection in Software-Defined Networks	2025			10.1109/ICoACT63339.2025.11005170	Institute of Electrical and Electronics Engineers Inc.	Conference paper
44	Dr. N. Rajkumar	Comparative Analysis of Deep Learning and Machine Learning Models for DDoS Attack Detection	Jul-25			10.1109/OTCON65728.2025.11070661	Institute of Electrical and Electronics Engineers Inc.	Conference paper
45	Dr. N. Rajkumar	Weight Optimized Genetic Algorithm Driven Machine Learning Models for Robust Digital Video Watermarking Methods	Oct-25	5	4	10.53759/7669/jmc202505196	AnaPub Publications	Journal
46	Dr. N. Rajkumar	Enhancing Data Privacy and Security in Online Interaction Through Federated Learning and Differential Privacy	Sep-25			10.1109/ICCMC65190.2025.11140972	Institute of Electrical and Electronics Engineers Inc.	Conference paper
47	Dr. Gomathi N	Railway Interlocking System Using AI Technique	Mar-25	Part F228		10.1007/978-981-97-9262-7_75	Springer	Conference paper
48	Dr. Gomathi N	Retrieval of Components from PCB Using Humanoid Robot	Feb-25	2025		10.1007/978-981-97-9266-5_14	Springer	Book chapter
49	Dr. Gomathi N	A Deep Ensemble Learning Approach for Automatic AD Detection	Jan-25			10.2174/0123520965354299241225100818	Bentham Science Publishers	Journal
50	Dr. Gomathi N	Machine Learning Models in Breast Cancer Prediction: Performance Evaluation and Insights	Jul-25			10.1109/ICSSAS66150.2025.11081295	Institute of Electrical and Electronics Engineers Inc.	Conference paper

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51	Dr. Gomathi N	Vision and Sensor Fusion for Non-Invasive Health Monitoring	Jul-25			10.1109/ICICV64824.2025.11085524	Institute of Electrical and Electronics Engineers Inc.	Conference paper
52	Dr. Gomathi N	Prevention of Cardio Metabolic Risk Using Smart Gas Analyzer	Nov-25			10.1109/ICCDS64403.2025.11209735	Institute of Electrical and Electronics Engineers Inc.	Conference paper
53	Dr. Gomathi N	Securing IoT Big Data With Byzantine-Resilient and Differential Privacy Ensemble Federated Distillation-BR-DP-FedDF	Nov-25			10.1109/ICCDS64403.2025.11209672	Institute of Electrical and Electronics Engineers Inc.	Conference paper
54	Dr. Gomathi N	Design and Development of Privacy Preserving Analytics of Societal Database with Differential Privacy and Deep Learning Mechanism	Nov-25			10.1109/ICCDS64403.2025.11209687	Institute of Electrical and Electronics Engineers Inc.	Conference paper
55	Dr. Gomathi N	Object detection and classification using computer vision and deep learning on edge devices	Nov-25			10.1007/s13198-025-03079-7	SPRINGER INDIA	Journal
56	Dr. Kishore Kumar. K	IoT-Integrated Gradient Boosting Model for Soil Fertility Prediction	Jul-25			10.1109/ICIMA64861.2025.11073901	Institute of Electrical and Electronics Engineers Inc.	Conference paper
57	Dr. Kishore Kumar. K	The Influence of Direct Market Access on Profit Margins, Supply Chain Efficiency, and Economic Resilience for Small-Scale Dairy Farmers of Asian Country	Mar-25	6	1	10.36956/rwae.v6i1.1530	Nan Yang Acad Sciences - NASS	Journal
58	Dr. Kishore Kumar. K	Exploiting adaptive neuro-fuzzy inference systems for cognitive patterns in multimodal brain signal analysis	Mar-25	15	1	10.1038/s41598-025-93241-9	NATURE PORTFOLIO	Journal

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59	Dr. Manivannan. D	Automating Animal Intrusion Detection in Agriculture Fields	2025			10.1109/ICETEA64585.2025.11099998	Institute of Electrical and Electronics Engineers Inc.	Conference paper
60	Dr. Manivannan. D	Machine Learning System for Student Personality Assessment and Academic Performance Enhancement	Sep-25			10.1109/ICDICI66477.2025.11135070	Institute of Electrical and Electronics Engineers Inc.	Conference paper
61	Dr. Manikandan. N. K	Enhanced stock market forecasting using machine learning	2025			10.1201/9781003650010-22	CRC Press	Book chapter
62	Dr. Manikandan. N. K	Forecasting Agricultural Commodity Prices using Machine Learning	Sep-25			10.1109/ICDICI66477.2025.11135297	Institute of Electrical and Electronics Engineers Inc.	Conference paper
63	Dr. Antony Kumar. K	Guardianseps: Empowering Early Sepsis Detection	Jun-25			10.1109/ICFTS62006.2025.11031943	Institute of Electrical and Electronics Engineers Inc.	Conference paper
64	Dr. Antony Kumar. K	ECHOVISION AI- PREDICTIVE DEEP LEARNING FOR CARDIOVASCULAR DIAGNOSTICS	Jun-25			10.1109/ICDSBS63635.2025.11031503	Institute of Electrical and Electronics Engineers Inc.	Conference paper
65	Dr. Antony Kumar. K	Analysis of Yoga Position using Machine Learning based Approach	Jul-25			10.1109/ICSSAS66150.2025.11080996	Institute of Electrical and Electronics Engineers Inc.	Conference paper
66	Dr. Antony Kumar. K	Enhanced Population Density Monitoring and Traffic Control	Jul-25			10.1109/ICSSAS66150.2025.11081091	Institute of Electrical and Electronics Engineers Inc.	Conference paper
67	Dr. Antony Kumar. K	Carpool Connect: Advanced AI-Driven Streamlined Ridesharing	Jul-25			10.1109/ICIRCA65293.2025.11089858	Institute of Electrical and Electronics Engineers Inc.	Conference paper

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68	Dr. S Ravikumar	Detection of Medicinal Plants Using Machine Learning	Mar-25	886	0	10.1007/978-981-97-8946-7_15	Springer Science and Business Media Deutschland GmbH	Conference paper
69	Dr. S Ravikumar	Puzzle Aquila Optimization Enabled Capsule Convolutional Neural Network for Depression Detection with Sentiment Classification	Jul-25	0	0	10.1007/s44174-025-00417-y	Springer Nature	Journal
70	Dr. S Ravikumar	A Trust Based Energy Efficient Routing Design Based on Hybrid Particle Swarm Optimization (HPSO) for Wireless Sensor Networks	Sep-25	11	0	10.4108/eetiot.9427	European Alliance for Innovation	Journal
71	Dr. S Ravikumar	Hybrid Capsule-CNN Framework for Sentiment-Depending Depression Identification	Sep-25			10.1109/ICSCSA66339.2025.11170805	Institute of Electrical and Electronics Engineers Inc.	Conference paper
72	Dr. S Ravikumar	Case Studies and Use Cases for Metaverse-Driven Industries and Service Sectors	Aug-25			10.1002/9781394272228.ch13	wiley	Book chapter
73	Dr. S Ravikumar	Tools and Applications for Creation of MetaHuman	Aug-25			10.1002/9781394272228.ch5	wiley	Book chapter
74	Dr. S Ravikumar	Concept Development and System Standards for Metaverse	Aug-25			10.1002/9781394272228.ch10	wiley	Book chapter
75	Dr. S Ravikumar	Improved Deep Joint Segmentation with Enhanced Feature Set for Cervical Spine Fracture Classification	Dec-25			10.1007/s44174-025-00597-7	Springer Nature	Journal
76	Dr. S Ravikumar	Quantum-Secured Collaborative Machine Learning: Facilitating Privacy-Protecting Quantum Federated Learning	Oct-24	977 LNNS		10.1007/978-981-97-2671-4_41	Springer Science and Business Media Deutschland GmbH	Conference paper

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77	Dr. S Ravikumar	Hybrid capsule_CNN for depression detection based sentiment classification using review data	Nov-25	109		10.1016/j.bspc.2025.108013	ELSEVIER SCI LTD	Journal
78	Dr. S Ravikumar	Transfer Learning With Adam Gold Rush Optimization for Endometrial Disease Classification Using Histopathological Image	Jul-25	88	11	10.1002/jemt.70027	WILEY	Journal
79	Dr. S Ravikumar	Answer to the Letter to the Editor of T. Veerasatian, et al. concerning "Multi-class cervical spine fracture classification using deep ensemble model based on CT images" by K. Goutham Raju, et al. (Eur Spine]	2025			10.1007/s00586-025-09594-2	SPRINGER	Letter
80	Dr. Rajathi. K	Experimental investigation of solar PVT collector with the dryer on mass and temperature of dried red chili with Machine Learning Models	2025	27		10.1016/j.rineng.2025.105827	ELSEVIER	Journal
81	Dr. Rajathi. K	Thermal performance analysis of photovoltaic/thermal hybrid systems with artificial roughness using machine learning models	2025	28	0	10.1016/j.rineng.2025.108236	ELSEVIER	Journal
82	Dr. S Durai	TOWARDS SEED SELECTION AND YIELD ASSESSMENT FOR AGRICULTURAL PRODUCTIVITY IN INDIA	2025	7	1	10.24874/PES07.01D.007	Faculty of Engineering, University of Kragujevac	Journal
83	Dr. S Durai	Revolutionizing Agriculture: Smart Irrigation Systems for Optimized Water Management and Enhanced Crop Yield	2025	0	0	10.1109/ICFTS62006.2025.11031824	Institute of Electrical and Electronics Engineers Inc.	Conference paper

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84	Dr. S Durai	Enhanced Security in IoT Networks through Optimized Deep Learning-Based Intrusion Detection	2025	0	0	10.1109/ICDSIS65355.2025.11070829	Institute of Electrical and Electronics Engineers Inc.	Conference paper
85	Dr. S Durai	A Novel Speech-Aware Framework (SACENet) for Non-Invasive Detection of Alzheimer's Disease	2025	0	0	10.1109/ICSCSA66339.2025.11170938	Institute of Electrical and Electronics Engineers Inc.	Conference paper
86	Dr. S Durai	NeuroVision-XNet: A Hybrid Vision Transformer Framework for Early Alzheimer's Disease Prediction using Structural MRI	2025	0	0	10.1109/ICSCDS65426.2025.11167089	Institute of Electrical and Electronics Engineers Inc.	Conference paper
87	Dr. S Durai	Swift and efficient cinnamon plant disease classification using robust feature extraction and machine learning techniques	2025	14	1	10.11591/eei.v14i1.8254	Institute of Advanced Engineering and Science	Journal
88	Dr. S Durai	Code Generation Empowered by Natural Language Processing and Machine Learning Algorithms	2025	28	1S	10.52783/anvi.v28.2186	International Publications	Journal
89	Dr. S Durai	An efficient patient's response predicting system using multi-scale dilated ensemble network framework with optimization strategy	2025	15	1	10.1038/s41598-025-00401-y	NATURE PORTFOLIO	Journal
90	Dr. S Durai	High resolution spatial modelling of soil parent material: An initial investigation study using random forest machine learning techniques	2025	162	0	10.1016/j.jsames.2025.105598	PERGAMON-ELSEVIER SCIENCE LTD	Journal
91	Dr. S. Saran Raj	Green AI: A Comprehensive Approach to Carbon Emission Reduction	2025	0	0	10.1109/ICICT64420.2025.11004680	Institute of Electrical and Electronics Engineers Inc.	Conference paper
92	Dr. Malarvizhi. N	Citrus fruit detection and classification: Field-based images and FIDS-30 dataset	2025	7	12	10.31893/multiscience.2025582	Malque Publishing	Journal

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93	Dr. Malarvizhi. N	Enhanced Customer Churn Prediction using a Resnet-LSTM Hybrid Approach	2025	0	0	10.1109/ICAISS61471.2025.11041833	Institute of Electrical and Electronics Engineers Inc.	Conference paper
94	Dr. Malarvizhi. N	A Deep Learning Framework CNN for Tumor Identification from Magnetic Resonance Images	2025	0	0	10.1109/ICCRTE E64519.2025.11053044	Institute of Electrical and Electronics Engineers Inc.	Conference paper
95	Dr. Malarvizhi. N	Enhancing rheumatoid arthritis detection through multimodal segmentation with Regularized Parametric ReLU in deep networks	2025	0	0	10.1080/1448837X.2025.2553935	Taylor and Francis Ltd.	Journal
96	Dr. Malarvizhi. N	Developing a Novel Adaptive Double Deep Q-Learning-Based Routing Strategy for IoT-Based Wireless Sensor Network with Federated Learning	2025	25	10	10.3390/s25103084	MDPI	Journal
97	Dr. Malarvizhi. N	Federated Learning and EEL-Levy Optimization in CPS ShieldNet Fusion: A New Paradigm for Cyber-Physical Security	2025	25	12	10.3390/s25123617	MDPI	Journal
98	Dr. Malarvizhi. N	Enhancing energy efficiency in cloud computing through task scheduling with hybrid cuckoo search and transformer models	2025	28	1	10.1007/s10791-025-09716-w	SPRINGER	Journal
99	Dr. Suguna. R	Facial Emotion Recognition Augmented with CNNs and Face Detection: Toward Emotive Emoji Synthesis	2025	1302	0	10.1007/978-981-96-3381-4_32	Springer Science and Business Media Deutschland GmbH	Conference paper
100	Dr. Suguna. R	Hybrid Lightweight Cryptography with Attribute-Based Encryption for Secure Health Monitoring in IOT-Wireless Body Area Sensor Network	2025	4	2	10.1007/s44174-025-00402-5	Springer Nature	Journal

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101	Dr. Suguna. R	Enhancing Stroke Prediction Accuracy Through Outlier Removal and Dataset Balancing	2025	0	0	10.1109/ICSSAS66150.2025.11081328	Institute of Electrical and Electronics Engineers Inc.	Conference paper
102	Dr. Suguna. R	SEGMENTATION OF E-COMMERCE USERS ON CART ABANDONMENT AND PRODUCT RECOMMENDATION USING DOUBLE TRANSFORMER RESIDUAL SUPER-RESOLUTION NETWORK	2025	19	3	10.14313/jamris-2025-024	Sciendo	Journal
103	Dr. Suguna. R	Inner Convolutional Layer Optimized AlexNet Based Broken Egg Classification	2025	1102 LNNS	0	10.1007/978-981-97-8476-9_20	Springer Science and Business Media Deutschland GmbH	Conference paper
104	Dr. Suguna. R	Mitigating class imbalance in churn prediction with ensemble methods and SMOTE	2025	15	1	10.1038/s41598-025-01031-0	NATURE PORTFOLIO	Journal
105	Dr. Suguna. R	Brain Tumour Detection and Segmentation via Region-of-Interest Aided Deep Learning Model	2025	20	8	10.1007/s42835-025-02361-9	SPRINGER SINGAPORE PTE LTD	Journal
106	Dr. Suguna. R	Self-Supervised Contrastive Denoising with ViT and U-Net: A Hybrid Approach	2025	0	0	10.1109/ICICKE65317.2025.11136590	IEEE	Conference paper
107	Dr. Prema. K	A Chic Giza reformed deep attention model (GizRAM) for opinion mining on Twitter with text and emojis	2025	8	3	10.1007/s42044-025-00247-7	Springer International Publishing	Journal
108	Dr. Prema. K	Multi-Crop Plant Leaf Disease Detection Using Lite Models	2025	8	2	10.31632/ijalsr.2025.v08i02.009	Dr Tarak Nath Podder Memorial Foundation	Journal

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109	Dr. Prema. K	ALBiSent-FT: A Novel Lightweight Fine-Tunable Transformer-BiLSTM Hybrid Framework for Domain-Specific Sentiment Analysis	2025	0	0	10.1109/ICISC65841.2025.11188976	Institute of Electrical and Electronics Engineers Inc.	Conference paper
110	Dr. Prema. K	AI based strategic decision framework for precise e-commerce applications and ensuring consumer trust through tactical precision and decision-driven strategies	2025	28	0	10.1016/j.rineng.2025.108191	ELSEVIER	Journal
111	Dr. Femi. D	HYBRID MACHINE LEARNING MODEL FOR EARLY DIAGNOSIS OF OSTEOGENESIS IMPERFECTA USING X-RAY IMAGING	2025	26	4	0	Scibulcom Ltd.	Journal
112	Dr. Femi. D	Face Morphing Detection for Identity Verification using Machine Learning	2025			10.1109/ICSSAS66150.2025.11081324	Institute of Electrical and Electronics Engineers Inc.	Conference paper
113	Dr. Femi. D	An Ensemble Deep Learning Models for Classifying Stages of Dementia	2025			10.1109/ICSSAS66150.2025.11080917	Institute of Electrical and Electronics Engineers Inc.	Conference paper
114	Dr. Femi. D	Integrating dynamic water ecosystem changes and socio-cultural metrics for wastewater plant siting: A machine learning approach	2025	324	0	10.1016/j.dwt.2025.101439	ELSEVIER SCIENCE INC	Journal
115	Dr. Thylashri. S	A Novel Hybrid Deep Learning Approach for Accurate Brain Tumor Detection in MRI Scans	2025			10.1109/ICAISS61471.2025.11041890	Institute of Electrical and Electronics Engineers Inc.	Conference paper

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116	Dr. Thylashri. S	Smartai Cart: a Novel Adaptive Dual-Filter Algorithm Based E-Commerce Platform for Personalized Electronics Shopping	2025			10.1109/ICDICI66477.2025.11135402	Institute of Electrical and Electronics Engineers Inc.	Conference paper
117	Dr. Thylashri. S	HYBRID CNN–GRU MODEL FOR AUTOMATED DETECTION AND DIFFERENTIATION OF BREAST FIBROADENOMA AND TUMOR IN ULTRASOUND IMAGES	2025	26	7	0	Scibulcom Ltd.	Journal
118	Dr. N. Vijayaraj	Jaya-Waterwheel Plant Algorithm with Hybrid Deep Learning and Probabilistic Fusion for Image Inpainting	2025	39	12	10.1142/S0218001425520159	World Scientific	Journal
119	Dr. N. Vijayaraj	Experimental Evaluation of Image Denoising Procedure for Real-World Images using Deep Learning	2025			10.1109/ICSCDS65426.2025.11166782	Institute of Electrical and Electronics Engineers Inc.	Conference paper
120	Dr. N. Vijayaraj	SSCNN: Shuffle Siamese convolutional neural network for image restoration with image degradation source identification	2025	74	2	10.1080/13682199.2025.2575714	Taylor and Francis Ltd.	Journal
121	Dr. N. Vijayaraj	Enhanced Image Inpainting and Missing Region Restoration using Neural Learning Enabled Classification Strategy	2025			10.1109/ICIMIA67127.2025.11200932	Institute of Electrical and Electronics Engineers Inc.	Conference paper
122	Dr. N. Vijayaraj	BLOCK CHAIN BASED SECURED EHR WITH UNIFIED SIGNATURE ENCRYPTION SCHEME	2025	103	19	0	Little Lion Scientific	Journal
123	Dr. Kujani. T	AI and the future of economic systems: Analyzing technological, ethical, and governance dimensions	2025	0	0	10.4018/979-8-3693-8714-6.ch005	IGI Global	Book chapter

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
124	Dr. Kujani. T	Real- Time Driver Emotion Recognition Using CNN-LSTM for Enhanced Road Safety and Accident Prevention	2025	0	0	10.1109/ICCCT63501.2025.11020146	Institute of Electrical and Electronics Engineers Inc.	Conference paper
125	Dr. Kujani. T	Optimal Feature Selection and Classification with Firework Optimization for Heart Attack Prediction by Machine Learning Classifiers	2025	0	0	10.1109/ICPCSN65854.2025.11035317	Institute of Electrical and Electronics Engineers Inc.	Conference paper
126	Dr. Kujani. T	QFLPD: Quantum Fuzzy Logic for Prediction of the Parkinson Disease	2025	0	0	10.1109/ICAISS61471.2025.11041721	Institute of Electrical and Electronics Engineers Inc.	Conference paper
127	Dr. Kujani. T	A Hybrid Model for Meningitis Diagnostic Accuracy with Ensemble Learning: Combining Logistic Regression and L-BFGS	2025	0	0	10.1109/ICC-ROBINS64345.2025.11086348	Institute of Electrical and Electronics Engineers Inc.	Conference paper
128	Dr. Kujani. T	Advanced Meningitis Diagnostic Modeling: Combining Fuzzy Cognitive Maps and Decision Trees for Superior Predictive Performance	2025	0	0	10.1109/ICETEA64585.2025.11100000	Institute of Electrical and Electronics Engineers Inc.	Conference paper
129	Dr. Kujani. T	Enhanced Meningitis Type Classification Using Ensemble Learning: A Hybrid LightGBM Model with Advanced Preprocessing	2025	0	0	10.1109/ICISC65841.2025.11188314	Institute of Electrical and Electronics Engineers Inc.	Conference paper
130	Dr. Kujani. T	Forecasting Heart Disease Using Deep BI-DI Neural Networks	2025	1165	0	10.1007/978-981-97-8336-6_16	Springer Science and Business Media Deutschland GmbH	Conference paper

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
131	Dr. Kujani. T	Fusing Attention and Convolution: A Hybrid Model for Brain Stroke Prediction	2025				INST COMPUTER SCIENCES, SOCIAL INFORMATICS & TELECOMMUNICATIONS ENGINEERING	Journal
132	Dr. Arivubrahan. P	Mobility-Aware RPL Protocol to Enhance the Quality of Service Metrics in the Internet of Things	2025	0	0	10.1109/ICEARS64219.2025.10940191	Institute of Electrical and Electronics Engineers Inc.	Conference paper
133	Dr. Arivubrahan. P	DEEP LEARNING APPROACHES FOR THE DEVELOPMENT OF INSECT- AND MOULD-RESISTANT PAINTS: AI-DRIVEN FORMULATION AND OPTIMIZATION	2025	103	10	0	Little Lion Scientific	Journal
134	Dr. Arivubrahan. P	Optimized Diabetes Prediction using Logistic Regression with SGD and MBGD	2025	0	0	10.1109/ICPCSN65854.2025.11035843	Institute of Electrical and Electronics Engineers Inc.	Conference paper
135	Dr. Arivubrahan. P	Optimized Q-Learning based Fuzzy System for Early Diagnosis and Assessment of Parkinson's Disease	2025	0	0	10.1109/ICAISS61471.2025.11042224	Institute of Electrical and Electronics Engineers Inc.	Conference paper
136	Dr. Arivubrahan. P	Language Identification for Seamless Multilingual Machine Translation	2025	0	0	10.1109/ICICV64824.2025.11085465	Institute of Electrical and Electronics Engineers Inc.	Conference paper
137	Dr. Manjunathan. N	A FUSION MODEL FOR STOCK MARKET PREDICTION USING PROPHET AND LONG SHORT-TERM MEMORY NEURAL NETWORKS	2025	7	1	10.24874/PES07.01D.018	Faculty of Engineering, University of Kragujevac	Journal

S. No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
138	Dr. Manjunathan. N	Smart water management systems for sustainable urban and agricultural applications	2025	0	0	10.4018/979-8-3373-0761-9.ch012	IGI Global	Book chapter
139	Dr. Manjunathan. N	Sustainable Cloud Computing: Ecofriendly Strategies and Innovations for Green Data Centers	2025	0	0	10.4018/979-8-3373-0766-4.ch002	IGI Global	Book chapter
140	Dr. Manjunathan. N	Exploring Machine Learning and Advanced Modeling Techniques in Financial Data Science	2025	0	0	10.1109/ICOEI65986.2025.11013591	Institute of Electrical and Electronics Engineers Inc.	Conference paper
141	Dr. Manjunathan. N	Nephrolithcipher: Decoding Nephrolithiasis Through Deep Neural Networks	2025	0	0	10.1109/ICSSAS66150.2025.11080857	Institute of Electrical and Electronics Engineers Inc.	Conference paper
142	Dr. Manjunathan. N	A comparative analysis of the health monitoring process using deep learning methods for brain tumour	2025	37	0	10.1016/j.mease.n.2025.101807	Elsevier Ltd	Journal
143	Dr. Rajalakshmi. N.R	AIoT-driven advances in personalized healthcare monitoring and diagnostic systems	2025	0	0	10.1201/9781032618173-12	CRC Press	Book chapter
144	Dr. Rajalakshmi. N.R	Development of Fast Prediction System of User Action for a Fully Autonomous Smart Home System	2025	0	0	10.1109/ICSADL65848.2025.10933179	Institute of Electrical and Electronics Engineers Inc.	Conference paper
145	Dr. Rajalakshmi. N.R	DiaFSHT: A Scalable Approach For Optimized Diabetes Prediction Through Metaheuristic Learning	2025	28	2	10.51470/jez.2025.28.2.1341	Prof (Dr.) P. R. Yadav	Journal
146	Dr. Rajalakshmi. N.R	Multimodal Fusion of MRI and CT Images using VMD and LEM Techniques	2025	0	0	10.1109/ICSSAS66150.2025.11081308	Institute of Electrical and Electronics Engineers Inc.	Conference paper

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
147	Dr. Rajalakshmi. N.R	Enhancing Diabetes Diagnosis with Confidence-Calibrated Adaptive Weighting and Multi-Model Ensemble Framework	2025	7	4	10.54392/irjmt25415	Asian Research Association	Journal
148	Dr. Rajalakshmi. N.R	Real-Time Monitoring of Oxidative Damage and Physiological Signals in the Human Body Using Chemical Biosensors.....	2025	0	0	10.1109/ICIMA64861.2025.11073858	Institute of Electrical and Electronics Engineers Inc.	Conference paper
149	Panneer Selvi. R	Distributed Security Intelligence Assessment Framework in BigData Environment	2025	0	0	10.1109/ACCESS65134.2025.11135780	Institute of Electrical and Electronics Engineers Inc.	Conference paper
150	Dr. Rajalakshmi. N.R	A novel framework for diabetic risk prediction using SCAW-Net integrated with TabNet architecture	2025	29	2	10.1080/10255842.2025.2566962	Taylor and Francis Ltd.	Journal
151	Dr. Rajalakshmi. N.R	Prediction of Crop Yield using Decision Tree and Random Forest Technique	2025	0	0	10.1109/ICSCSA66339.2025.11171181	Institute of Electrical and Electronics Engineers Inc.	Conference paper
152	Dr. Rajalakshmi. N.R	Early Detection of Banana Leaf Disease Using Novel Deep Convolutional Neural Network	2025	3	3	10.47852/bonviewJDSIS42021530	Bon View Publishing Pte Ltd	Journal
153	Dr. Rajalakshmi. N.R	ETL-POXGB: A NOVEL CLASSIFICATION FRAMEWORK COMBINING ETL DATA INTEGRATION, ENSEMBLE FEATURE SELECTION, AND PSO OPTIMIZATION	2025	103	4	0	Little Lion Scientific	Journal

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
154	Dr. Rajalakshmi. N.R	Optimized Feature Selection Approach with Elicit Conditional Generative Adversarial Network Based Class Balancing Approach for Multimodal Sentiment Analysis in Car Reviews	2025	33	1	10.1142/S0218488525500035	WORLD SCIENTIFIC PUBL CO PTE LTD	Journal
155	Dr. Rajalakshmi. N.R	An optimized hybrid ensemble machine learning model combining multiple classifiers for detecting advanced persistent threats in networks	2025	12	1	10.1186/s40537-025-01272-w	SPRINGERNATURE	Journal
156	Dr. V.Dhilip Kumar	AI-Progressions in Automated Facial Paralysis Evaluation: A Comprehensive Survey of Traditional to Deep Learning Approaches	2025	0	0	10.1109/ICSADL65848.2025.10933409	Institute of Electrical and Electronics Engineers Inc.	Conference paper
157	Dr. V.Dhilip Kumar	Trustworthy AI knowledge systems for precision agriculture and agribusiness management: Detecting crop health using satellite imagery	2025	16	0	10.1016/j.sctalk.2025.100494	Elsevier B.V.	Journal
158	Dr. V.Dhilip Kumar	Modeling and Classifying Parkinsonian Tremors With Nonlinear Dynamics and Kalman Optimization	2025	13	0	10.1109/ACCESS.2025.3603726	IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC	Journal
159	Dr. V.Dhilip Kumar	Improving Multi-Domain Autonomous Driving Data Classification Using Federated Learning-Based Yolo With Adaptive Dilated Residual Attention Network	2025	40	2	10.1002/acs.4095	WILEY	Journal
160	Dr. M. Kavitha	Credit card fraud detection using hybrid Chord-SpinalNet	2025	12	3	10.1504/IJAMECHS.2025.147101	Inderscience Publishers	Journal

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
161	Dr. M. Kavitha	DEFENDAI: Enhancing Deepfake Detection with Hybrid Architectures using EfficientNet, XceptionNet, Vision Transform and LSTM	2025	0	0	10.1109/ICSSAS66150.2025.11081343	Institute of Electrical and Electronics Engineers Inc.	Conference paper
162	Dr. M. Kavitha	Real-Time Maize Seed Quality Sorting Using YOLO11n	2025	0	0	10.1109/CONIT65521.2025.11167388	Institute of Electrical and Electronics Engineers Inc.	Conference paper
163	Dr. M. Kavitha	Intelligent System for Medicinal Plant Identification and Personalized Health Recommendations	2025	0	0	10.1109/ICICI65870.2025.11069827	IEEE	Conference paper
164	Dr. Umanandhini. D	Implementing an NFT by Developing a Smart Contract in OpenSea Marketplace	2025	2073 CCIS	0	10.1007/978-3-031-84059-3_19	Springer Science and Business Media Deutschland GmbH	Conference paper
165	Dr. Umanandhini. D	Blood Biomarkers for Knee Osteoarthritis using a Machine Learning Model with an Emphasis on Adult Patient	2025	0	0	10.1109/STCR62650.2025.11020328	Institute of Electrical and Electronics Engineers Inc.	Conference paper
166	Dr. Umanandhini. D	Enhanced cardiac arrhythmia classification through integration of ensemble empirical mode decomposition and heart rate variability analysis	2025	4	3	10.55670/fpll.fut ech.4.3.3	Future Publishing LLC	Journal
167	Dr. Umanandhini. D	Smart Medplant: A Hybrid Deep Learning And Random Forest Model For Geotagged Medicinal Plant Detection	2025	103	19	0	Little Lion Scientific	Journal

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
168	Dr. S. N. Manoharan	Integrating Machine Learning and IoT for Real-Time PdM in Industrial Ecosystems: A Case Study Analysis	2025	14	2	10.22105/riej.2025.502596.1531	Ayandegan Institute of Higher Education	Journal
169	Dr. S. N. Manoharan	RELIABILITY ESTIMATION AND PARAMETERS FOR THE LIFESPAN DISTRIBUTION BASED ON FAILURE TIME DATA FOR ELECTRICAL COMPONENTS	2025	20	2(84)	0	Gnedenko Forum	Journal
170	Dr. S. N. Manoharan	Multi-class Classification of Alzheimer Disease Using Fusion Neural Network Model	2025	1377 LNNS	0	10.1007/978-981-96-5370-6_15	Springer Science and Business Media Deutschland GmbH	Conference paper
171	Dr. S. N. Manoharan	Transforming Workforce Efficiency with Machine Learning: A Next-Gen Approach	2025	0	0	10.1109/ICCDS64403.2025.11209646	Institute of Electrical and Electronics Engineers Inc.	Conference paper
172	Dr. S. N. Manoharan	Enhanced Cryptography for Secure Data Sharing in Cloud Computing Using Optimal Key Selection	2025	0	0	10.1109/ICCDS64403.2025.11209326	Institute of Electrical and Electronics Engineers Inc.	Conference paper
173	Dr. S. N. Manoharan	Enhancing Cancer Prediction Accuracy: Investigating Novel Machine Learning Approaches for Early Detection	2025	0	0	10.1109/ICCDS64403.2025.11209253	Institute of Electrical and Electronics Engineers Inc.	Conference paper
174	Dr. Kamaleshwar. T	Smart Solar Harvesting and Power Management in IoT Nodes Through Deep Learning Models	2025	0	0	10.1109/IACIS65746.2025.11210948	Institute of Electrical and Electronics Engineers Inc.	Conference paper
175	Dr. Kalpana. V	A YOLOv8-based AI System for Real-Time Endemic Species Threat Detection and Response	2025	7	1	10.36548/jiip.2025.1.003	Inventive Research Organization	Journal

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
176	Dr. Kalpana. V	Emerging Trends and Innovations Shaping the Future of Sustainable Computing	2025	0	0	10.4018/979-8-3373-0766-4.ch013	IGI Global	Book chapter
177	Dr. Kalpana. V	Advancing Sustainability in Software Engineering: Key Practices and Future Directions	2025	0	0	10.4018/979-8-3373-0766-4.ch008	IGI Global	Book chapter
178	Dr. Kalpana. V	Integrating brain-inspired computation with big-data analytics for advanced diagnostics in neuroradiology	2025	5	2	10.1016/j.neuri.2025.100202	Elsevier Masson s.r.l.	Journal
179	Dr. Kalpana. V	Blockchain and AI Powered Smart Grids A Secure and Efficient Energy Management Framework	2025	5	3	10.53759/7669/jmc202505125	AnaPub Publications	Journal
180	Dr. Kalpana. V	Intelligent QoS-Driven Ad Hoc On-Demand Distance Vector Routing for 5G MANET Using Physically Recurrent Neural Network	2025	38	13	10.1002/dac.70148	WILEY	Journal
181	Dr. Kalpana. V	Leveraging a hybrid whale-grey wolf optimisation algorithm to enhance fifth generation deployment efficiency in multi-access edge computing	2025	16	46178	10.1504/IJGUC.2025.148541	INDERSCIENCE ENTERPRISES LTD	Journal
182	Dr. Kalpana. V	Asymmetric lightweight cryptographic-based secure routing technique in IoT-based WSN via optimal path selection using hybrid optimization algorithm	2025	330	0	10.1016/j.knosys.2025.114720	ELSEVIER	Journal
183	Dr. Sundara Narayana. D	AI-driven nonlinear optimization for knowledge extraction and pattern analysis in IoT-enabled data mining systems	2025	8	3	10.31838/rna/2025.08.03.005	Erdal Karapinar	Journal

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
184	Dr. K. Seethalakshmi	A Novel Method for Prompt Brain Tumor Identification Utilizing Augmented Data and Deep CNN	2025	0	0	10.1109/AIMLA63829.2025.11040223	Institute of Electrical and Electronics Engineers Inc.	Conference paper
185	Dr. K. Seethalakshmi	A Hybrid CNN-RFE Approach for Early Lung Cancer Risk Assessment from Medical Imaging	2025	0	0	10.1109/ICSCDS65426.2025.11167712	Institute of Electrical and Electronics Engineers Inc.	Conference paper
186	Dr. K. Seethalakshmi	A Robust Ensemble Learning Framework for High-Precision Diagnosis of Pulmonary Diseases using CT Imaging	2025	0	0	10.1109/ICSCSA66339.2025.11171422	Institute of Electrical and Electronics Engineers Inc.	Conference paper
187	Dr. K. Seethalakshmi	Efficient NetV2 for Lung Disease Diagnosis and Treatment by Harnessing the Synergy of Verifiable Convolutional Neural Network optimized with Nutcracker Optimizer Algorithm	2025	113	0	10.1016/j.bspc.2025.108725	ELSEVIER SCI LTD	Journal
188	Dr. R. Thanga Selvi	Crossplane: A Unified Framework for Multi-Cloud Infrastructure Management	2025	0	0	10.1109/ICICV64824.2025.11085680	Institute of Electrical and Electronics Engineers Inc.	Conference paper
189	Dr. R. Thanga Selvi	Early Detection of Lung Cancer using Hybrid Histological Image Analysis with XGBoost and LightGBM in MATLAB	2025	0	0	10.1109/ICICV64824.2025.11085703	Institute of Electrical and Electronics Engineers Inc.	Conference paper
190	Dr. R. Thanga Selvi	Prediction of Nutrient Deficiency in Crops using Plant Health Data	2025	0	0	10.1109/ICICV64824.2025.11086054	Institute of Electrical and Electronics Engineers Inc.	Conference paper

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
191	Dr. Prathik. A	Quantum-Inspired Reinforcement Learning for High-Dimensional Optimization Problems	2025	0	0	10.1109/ICIMIA67127.2025.11200933	Institute of Electrical and Electronics Engineers Inc.	Conference paper
192	Dr. Prathik. A	Energy-Efficient Beamforming for 6G mmWave Networks using Deep Swarm Intelligence	2025	0	0	10.1109/ICIMIA67127.2025.11200559	Institute of Electrical and Electronics Engineers Inc.	Conference paper
193	Dr. C. M. Chidambaranathan	MEDLIGHTNET: A LIGHTWEIGHT MULTI-COLOUR-SPACE CNN FOR CHILDHOOD MEDULLOBLASTOMA DIAGNOSIS FROM HISTOPATHOLOGICAL IMAGES	2025	11	1	10.29284/ijasis.11.1.2025.1-16	XLESCIENCE	Journal
194	Dr. C. M. Chidambaranathan	Integrating Blockchain Technology with Artificial Intelligence to Create Scalable, Reliable, and Open Decision Support Systems	2025	0	0	10.1109/GINOTECH63460.2025.11076782	Institute of Electrical and Electronics Engineers Inc.	Conference paper
195	Dr. C. M. Chidambaranathan	AI and Data Science: Transforming IPL Strategy and Success	2025	0	0	10.1201/9781003543527-2	CRC Press	Book chapter
196	Dr. C. M. Chidambaranathan	Innovative Industrial Internet of Things (IIoT) Solutions for Cutting Costs, Maximizing Efficiency, and Optimizing Energy Usage	2025	0	0	10.1109/ICoEIT63558.2025.11211717	Institute of Electrical and Electronics Engineers Inc.	Conference paper
197	Dr. Angeline Lydia	Navigating Workforce Adaptation and Human Factors in the Digital Era	2025	0	0	10.4018/979-8-3373-3336-6.ch009	IGI Global	Book chapter
198	Dr. Vinoth Kumar. S	Synthetic Data Generation Using GANs for Improved Machine Learning Models	2025	886	0	10.1007/978-981-97-8946-7_26	Springer Science and Business Media Deutschland GmbH	Conference paper

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
199	Dr. Vinoth Kumar. S	Enhanced Bio-Inspired Energy Efficient Security Guard (E-BESG) for Adaptive Threat Detection in Resource Constrained Edge Cloud Environments	2025	0	0	10.1109/ICSCSA66339.2025.11171183	Institute of Electrical and Electronics Engineers Inc.	Conference paper
200	Dr. Vinoth Kumar. S	Fuzzy Driven Bat Optimization with Adaptive Learning for Enhanced Neuromorphic Adaptive Threat Response in Cloud-Edge Security	2025	0	0	10.1109/ICISC65841.2025.11187668	Institute of Electrical and Electronics Engineers Inc.	Conference paper
201	Dr. Vinoth Kumar. S	Smart Grids based on Quantum Computing in the present-day Energy Systems for Fault Diagnosis	2025	28	2	10.52783/anvi.v28.1851	International Publications	Journal
202	Dr. Vinoth Kumar. S	Cluster Analysis for Assisted Healthcare Approval in Pervasive Social Networks	2025	32	3	10.52783/cana.v32.2378	International Publications	Journal
203	Dr. Vinoth Kumar. S	An integrative framework for brain tumor segmentation and classification using neuraclassnet	2025	29	2	10.3233/IDA-240108	SAGE PUBLICATIONS INC	Journal
204	Dr. Vinoth Kumar. S	DRF-YOLO: A Transformer-Enhanced Framework for Underwater Image Enhancement and Object Detection	2025	39	8	10.1142/S0218001425500119	WORLD SCIENTIFIC PUBL CO PTE LTD	Journal
205	Dr. Vinoth Kumar. S	Enhancing object detection in underwater aquatic system with YOLO-transformer hybrid model and IoT sensor integration	2025	27	10	10.2166/hydro.2025.288	IWA PUBLISHING	Journal
206	Dr. Jagan. S	Categorization of hyper spectral images covering lands : Feature Extraction using Decision Boundary with Convolutional neural network	2025			10.1109/ICCRTE E64519.2025.11053077	Institute of Electrical and Electronics Engineers Inc.	Conference paper
207	Dr. Jagan. S	Skin Insights: Advanced Analysis of Skin Condition using Hybrid Approach	2025			10.1109/ICDICI66477.2025.11135428	Institute of Electrical and Electronics Engineers Inc.	Conference paper

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
208	Dr. Jagan. S	Interactive System for Smart Workplace Management with Environmental Sensors and Employee Tracking	2025			10.1109/INCET64471.2025.11140066	Institute of Electrical and Electronics Engineers Inc.	Conference paper
209	Dr. Sridevi. S	AI-Driven Traffic Monitoring System for Real-Time Congestion Detection and Route Optimization in 6G-Enabled Smart Cities	2025			10.1109/ICICT64420.2025.11004705	Institute of Electrical and Electronics Engineers Inc.	Conference paper
210	Dr. Sridevi. S	Vision Guardian - An Intelligent Driver Monitoring System with Eyeblink and Alcohol Sensors	2025	0	0	10.1109/RMKMATE64874.2025.11042378	Institute of Electrical and Electronics Engineers Inc.	Conference paper
211	Dr. Sridevi. S	An Intelligent Machine Learning Framework for Melanoma Classification System: A Critique	2025	2203 CCIS	0	10.1007/978-3-031-73068-9_14	Springer Science and Business Media Deutschland GmbH	Conference paper
212	Dr. Sridevi. S	Hybrid Archimedes and Arithmetic Optimization Algorithm for Cluster Head Selection and Multipath Routing in Wireless Sensor Network	2025	38	4	10.1002/dac.6100	WILEY	Journal
213	Dr. Sridevi. S	Local Neighbour Spider Monkey Optimization-Based Resource Allocation in Cloud Computing Environment	2025	35	8	10.1142/S0218126625504900	WORLD SCIENTIFIC PUBL CO PTE LTD	Journal
214	Dr. Bhagyalakshmi. A	AI-enhanced advanced aquaponics in agricultural systems	2025			10.4018/979-8-3693-2320-5.ch009	IGI Global	Book chapter
215	Dr. Bhagyalakshmi. A	AI-Controlled Robotics in Smart Agricultural Systems: Enhancing Precision, Sustainability, and Productivity	2025			10.4018/979-8-3693-5573-2.ch015	IGI Global	Book chapter
216	Dr. Bhagyalakshmi. A	Audio-Visual Speech and Gesture Recognition using Dual Sampling Residual Attention CNN on Mobile Devices	2025			10.1109/ICSSAS66150.2025.11081338	Institute of Electrical and Electronics Engineers Inc.	Conference paper

217	Dr. Bhagyalakshmi. A	Innovative IoT System and Machine Learning Approach for Predictive Maintenance Identification in Industrial Machines	2025			10.1201/9781003610717-25	Apple Academic Press	Book chapter
218	Dr. Bhagyalakshmi. A	Efficient Occluded Face Recovery Using Resnet 50 and Gan	2025			10.1109/SENNET64220.2025.11136016	Institute of Electrical and Electronics Engineers Inc.	Conference paper
219	Dr. Bhagyalakshmi. A	A Review on Content based Image Retrieval Under Occluded Conditions	2025			10.1109/ICSCDS65426.2025.11167489	Institute of Electrical and Electronics Engineers Inc.	Conference paper
220	Dr. Bhagyalakshmi. A	SVM directed machine learning classifier for human action recognition network	2025	15	1	10.1038/s41598-024-83529-7	NATURE PORTFOLIO	Journal
221	Dr. R. Roselinkiruba	Enhancing healthcare management with emotional intelligence and collaborative leadership through chatbot integration	2025			10.4018/979-8-3693-8734-4.ch009	IGI Global	Book chapter
222	Dr. R. Roselinkiruba	Decentralization of Cloud Environment Using DES Technique in Medical Image	2025			10.1109/ICMLAS64557.2025.10968253	Institute of Electrical and Electronics Engineers Inc.	Conference paper
223	Dr. R. Roselinkiruba	Energy-efficient traffic monitoring combining machine learning with battery-free sensor networks	2025			10.4018/979-8-3693-7600-3.ch010	IGI Global	Book chapter
224	Dr. R. Roselinkiruba	Real-time landslide detection and early warning systems using battery-free wireless sensor networks	2025			10.4018/979-8-3693-7600-3.ch012	IGI Global	Book chapter
225	Dr. R. Roselinkiruba	Role of implantable battery-free sensors in chronic disease management: An internet of things assistive patient monitoring	2025			10.4018/979-8-3693-7600-3.ch014	IGI Global	Book chapter

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
226	Dr. R. Roselinkiruba	MedSwin: A Novel Swin Transformer based Approach for Precise Renal Cancer Segmentation from 3D CT Scan Images	2025			10.1109/ICAISS61471.2025.11042017	Institute of Electrical and Electronics Engineers Inc.	Conference paper
227	Dr. R. Roselinkiruba	Context Aware Approach for Server Scheduling Process in Machine Learning	2025			10.1109/ICCSAI64074.2025.11064053	Institute of Electrical and Electronics Engineers Inc.	Conference paper
228	Dr. R. Roselinkiruba	Natural Killer Cells in Intrusion Detection: A CIS-Based Approach for Improving Detection Accuracy	2025			10.1109/ICCSAI64074.2025.11064549	Institute of Electrical and Electronics Engineers Inc.	Conference paper
229	Dr. R. Roselinkiruba	Enhanced Mayfly Optimization Algorithms with Pixel-Based Learning Color Space Data Hiding Using a CNN-LSTM Network	2025			10.1080/03772063.2025.2531959	Taylor and Francis Ltd.	Journal
230	Dr. R. Roselinkiruba	Robust Data Hiding in Moving Object Videos Using Generalized Error Modification Detection (GEMD)	2025	1362 LNNS	0	10.1007/978-981-96-5214-3_19	Springer Science and Business Media Deutschland GmbH	Conference paper
231	Dr. R. Roselinkiruba	Optimizing Greenhouse Conditions With Wireless Sensors and Machine Learning	2025			10.4018/979-8-3373-2737-2.ch012	IGI Global	Book chapter
232	Dr. R. Roselinkiruba	Albinism Detection: Leveraging Light Weight Machine Learning for Diagnosis and Prediction	2025			10.1109/ICCSC66714.2025.11135001	Institute of Electrical and Electronics Engineers Inc.	Conference paper
233	Dr. R. Roselinkiruba	Metaheuristic Algorithms and Optimizing Neural Networks for Biomedical Image Processing	2025			10.4018/979-8-3373-0523-3.ch015	IGI Global	Book chapter

S.No	Author Name	Title	Month/ Year	Volume	Issue	DOI	Publisher	Document Type
234	Dr. R. Roselinkiruba	Renal Medical Image Segmentation using Cross-Perceptron Deliberation and Multi-Scale Feature Fusion	2025	7	3	10.36548/jiip.2025.3.025	Inventive Research Organization	Journal
235	Dr. R. Roselinkiruba	Generative AI in Text and Multi-Language Adaptation Processing for Digital Media	2025			10.4018/979-8-3373-1504-1.ch010	IGI Global	Book chapter
236	Dr. R. Roselinkiruba	AI Care Hub: Multi-Disease Detection Albinism, Brain Tumor, Malaria, and Lung Disorders Using Lightweight Machine Learning	2025			10.1109/ICCDS64403.2025.11209437	Institute of Electrical and Electronics Engineers Inc.	Conference paper
237	Dr. R. Roselinkiruba	Machine Learning Based Parking Monitoring System with Automatic Slot Division and Slot Booking	2025			10.1109/INCSST64791.2025.11210246	Institute of Electrical and Electronics Engineers Inc.	Conference paper
238	Dr. R. Roselinkiruba	Optimal edge thinning compression and similarity based data hiding for 5G empowered architecture	2025	84	30	10.1007/s11042-024-20195-x	Springer	Journal
239	Dr. R. Roselinkiruba	Relay node selection using future movement predication for opportunistic network	2025	28	0	10.1016/j.rineng.2025.107553	ELSEVIER	Journal
240	Dr. Mukunthan. M.A	AI-Based Automated Weed Detection System Using YOLOv5 and Mask R-CNN for Sustainable Agriculture	2025			10.1109/ICoACT63339.2025.11005371	Institute of Electrical and Electronics Engineers Inc.	Conference paper
241	Dr. Mukunthan. M.A	Skin Lesion Classification for Cancer Detection Using Convolutional Neural Network	2025			10.1109/RMKMATE64874.2025.11042599	Institute of Electrical and Electronics Engineers Inc.	Conference paper

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
242	Dr. Mukunthan. M.A	Comparative Analysis of Feature Engineering-Based Learning and Deep Learning Approaches for Classification Problems on Imbalanced Datasets	2025			10.1109/OTCON65728.2025.11070444	Institute of Electrical and Electronics Engineers Inc.	Conference paper
243	Dr. Mukunthan. M.A	Predicting Online Vulnerability among Children and Youth: A Machine Learning Approach with Decision Trees and Naive Bayes Algorithms	2025			10.1109/GINOTECH63460.2025.11077054	Institute of Electrical and Electronics Engineers Inc.	Conference paper
244	Dr. Mukunthan. M.A	Speech Emotion Recognition Using Hybrid Deep Learning and Ensemble Approaches	2025	12	1	10.14445/23488549/IJECE-V12I1P117	Seventh Sense Research Group	Journal
245	Dr. Mukunthan. M.A	A Hybrid Precoded-Companding Scheme for PAPR Reduction in OFDM systems	2025	47	3	10.1007/s40009-023-01354-4	SPRINGER INDIA	Journal
246	Dr. Arunkumar. M. S	Improving the Autonomous Vehicle Vision with Synthetic Data using Gen AI	2025			10.1109/IDCIOT64235.2025.10914793	Institute of Electrical and Electronics Engineers Inc.	Conference paper
247	Dr. Arunkumar. M. S	Animal Intrusion Detection using YOLOv9	2025			10.1109/ICSSAS66150.2025.11080962	Institute of Electrical and Electronics Engineers Inc.	Conference paper
248	Dr. Arunkumar. M. S	An Improved Spam Detection Technique using Deep and Recurrent Neural Networks	2025			10.1109/ICCMC65190.2025.11140957	Institute of Electrical and Electronics Engineers Inc.	Conference paper
249	Dr. Arunkumar. M. S	BIG DATA AND ARTIFICIAL INTELLIGENCE REVOLUTIONIZING FINANCIAL FRAUD DETECTION SYSTEMS	2025	103	18	0	Little Lion Scientific	Journal

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
250	Dr. Arunkumar. M. S	IoT-based smart pharmacies for optimizing stock management with diffusion hierarchical kernel auto-associative Prairie Dog polynomial convolutional attention network	2025	21	1	10.1080/17509653.2025.2552454	TAYLOR & FRANCIS LTD	Journal
251	Dr. Arun. M	MCRNET-RS: Multi-Class Retinal Disease Classification using Deep Learning-based Residual Network-Rescaled	2025	7	4	10.35882/jeeemi.v7i4.925	Jurusan Teknik Elektromedik, Politeknik Kesehatan Kemenkes Surabaya, Indonesia	Journal
252	Dr. Muralidhar. M.S	A Novel Deep Learning Framework for Intrusion Detection: Integrating Dual- Staged Attention and Squirrel Search Optimization for Enhanced Accuracy	2025			10.1109/ICMLAS64557.2025.10968388	Institute of Electrical and Electronics Engineers Inc.	Conference paper
253	Dr. Muralidhar. M.S	Efficient Epileptic Seizure Detection using K-Nearest Neighbors and Wavelet-based Feature Extraction from EEG Signals	2025			10.1109/ICSCSA66339.2025.11170734	Institute of Electrical and Electronics Engineers Inc.	Conference paper
254	Dr. Guru Vimal Kumar. M	Data-Driven Decision Architectures in Healthcare: The Role of AI in Enhancing Predictive Capabilities	2025			10.1109/ICICT64420.2025.11005189	Institute of Electrical and Electronics Engineers Inc.	Conference paper
255	Dr. Guru Vimal Kumar. M	Using a New Fuzzy Logic-Based Image Steganography Method to Improve Medical Data Security	2025			10.1109/ICCRTE64519.2025.11053035	Institute of Electrical and Electronics Engineers Inc.	Conference paper

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
256	Dr. Guru Vimal Kumar. M	Deep Learning for Food Analysis: Real-Time Identification and Calorie Estimation with MobileNet	2025			10.1109/GINOTE-CH63460.2025.11076802	Institute of Electrical and Electronics Engineers Inc.	Conference paper
257	Dr. Guru Vimal Kumar. M	IoT Sensor Data-Driven Programming Approach for Predictive Maintenance of Wafer Stick Machines	2025			10.1201/9781003610717-23	Apple Academic Press	Book chapter
258	Dr. Guru Vimal Kumar. M	Decision Support System Using ChatGPT in Human Resource Management	2025			10.1201/9781003596721-80	CRC Press	Book chapter
259	Dr. Ramesh. P.S	FractureAI Revolutionizing Bone Fracture Detection with Deep Learning CNNs for Precision Medical Imaging	2025			10.1109/AUTO-OM64127.2025.10957315	Institute of Electrical and Electronics Engineers Inc.	Conference paper
260	Dr. Ramesh. P.S	Neural Networks Bio-Inspiration for Disaster Prone Areas for Self-Healing Communication Systems	2025			10.1109/ICCIES63851.2025.11033104	Institute of Electrical and Electronics Engineers Inc.	Conference paper
261	Dr. Ramesh. P.S	Exploring Zero Trust Artificial Intelligence-Based Frameworks in Large-scale Dynamic Networks for Enhancing Cybersecurity	2025			10.1109/ICCIES63851.2025.11032807	Institute of Electrical and Electronics Engineers Inc.	Conference paper
262	Dr. Ramesh. P.S	Post- Edge-AI implementation for processing ultralow latency in 6G ecosystems for intelligent decision-making	2025			10.1109/ICCIES63851.2025.11033027	Institute of Electrical and Electronics Engineers Inc.	Conference paper
263	Dr. Ramesh. P.S	Post-quantum investigating Cryptography for Data Safeguard Transmission in Future Network Communication	2025			10.1109/ICCIES63851.2025.11033076	Institute of Electrical and Electronics Engineers Inc.	Conference paper
264	Dr. Ramesh. P.S	Artificial Intelligence Integrated with Bio-Quantum Computing to enhance data security and enhance encryption in virtual worlds	2025			10.1109/ICCIES63851.2025.11032417	Institute of Electrical and Electronics Engineers Inc.	Conference paper

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
265	Dr. Ramesh. P.S	Leveraging IoT for Environmental Monitoring: Real-Time Data Collection and Analysis for Sustainable Development	2025			10.1109/ICCSAI64074.2025.11064650	Institute of Electrical and Electronics Engineers Inc.	Conference paper
266	Dr. Ramesh. P.S	Secure Data Transmission in IoT Networks Using Blockchain and Lightweight Cryptography: Safeguarding the Connected Future	2025			10.1109/ICCSAI64074.2025.11064673	Institute of Electrical and Electronics Engineers Inc.	Conference paper
267	Dr. Ramesh. P.S	Geospatial Data Mining for Disaster Management: Enhancing Emergency Response Capabilities	2025			10.1109/ICCSAI64074.2025.11063874	Institute of Electrical and Electronics Engineers Inc.	Conference paper
268	Dr. Ramesh. P.S	Deep Learning for Image and Video Processing in Surveillance Systems: Advancing Security with AI Driven Insights	2025			10.1109/ICCSAI64074.2025.11064487	Institute of Electrical and Electronics Engineers Inc.	Conference paper
269	Dr. Ramesh. P.S	Optimizing Supply Chains with AI: Data Science in Manufacturing for Cost Reduction and Efficiency	2025			10.1201/9781003543527-17	CRC Press	Book chapter
270	Dr. Ramesh. P.S	Artificial Intelligence-Powered Chatbots for Waste Management: A Vision for Circular and Smart Cities	2025	28	2	10.52783/anvi.v28.1844	International Publications	Journal
271	Dr. Ramesh. P.S	An ECG signal processing and cardiac disease prediction approach for IoT-based health monitoring system using optimized epistemic neural network	2025	44	3	10.1080/15368378.2025.2503334	TAYLOR & FRANCIS INC	Journal
272	Dr. Ramesh. P.S	Perceived digital threats influencing smartphone use among the aging population	2025	15	1	10.1038/s41598-025-12669-1	NATURE PORTFOLIO	Journal

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
273	Dr. Ramesh. P.S	Advanced IoT-enabled embedded wearable system for continuous cardiovascular health monitoring using edge intelligence	2025	111	0	10.1016/j.bspc.2025.108362	ELSEVIER SCI LTD	Journal
274	Dr. Ramesh. P.S	Surface Roughness Estimation Based On Hybrid Leader Tasmanian Devil Optimization-Enabled Deep Learning	2025	0	0	10.1142/S0218625X26500058	WORLD SCIENTIFIC PUBL CO PTE LTD	Journal
275	Dr. Ramesh. P.S	Deep reinforcement learning-based intrusion detection scheme for software-defined networking	2025	15	1	10.1038/s41598-025-24869-w	NATURE PORTFOLIO	Journal
276	Dr. Rajesh. D	Music Genre Classification Using Entropy Weighted - Gated Recurrent Unit Model	2025	0	0	10.1109/ICICACS65178.2025.10967708	Institute of Electrical and Electronics Engineers Inc.	Conference paper
277	Dr. Rajesh. D	Convolutional Neural Network and Tawny Flamingo Optimization with Cubic Chaos Strategy for Classification of Music Genre	2025	0	0	10.1109/ICDCEC65353.2025.11035572	Institute of Electrical and Electronics Engineers Inc.	Conference paper
278	Dr. Rajesh. D	Fair Distribution Routing Algorithm for Underwater Wireless Communication using Machine Learning	2025			10.1109/ICICV64824.2025.11085675	Institute of Electrical and Electronics Engineers Inc.	Conference paper
279	Dr. Rajesh. D	Enhancing WBAN Performance with Cluster-Based Routing Protocol Using Black Widow Optimization for Healthcare Application	2025	14	1	10.54216/JISIoT.140104	American Scientific Publishing Group (ASPG)	Journal
280	Dr. Rajesh. D	An Energy-Efficient Cluster-Based Routing Protocol for WBAN in Elk Herd Optimizer	2025	17	1	10.54216/FPA.170108	American Scientific Publishing Group (ASPG)	Journal

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
281	Dr. Rajesh. D	Hippopotamus Optimization Algorithm with Long Short-Term Memory for Music Genre Classification	2025	18	1	10.22266/ijies2025.0229.57	Intelligent Network and Systems Society	Journal
282	Dr. Rajesh. D	Adaptive Open Cyber Intelligence for SOAR: Reduced False Positives in Low-Resource Environments	2025	16	11	10.14569/IJACS A.2025.01611105	SCIENCE & INFORMATION SAI ORGANIZATION LTD	Journal
283	Dr. Sivajothi. E	Implementing Machine Learning for AI-Powered Solutions in Robotics, Computer Vision, and Natural Language Processing	2025			10.1109/GINOTE CH63460.2025.11077035	Institute of Electrical and Electronics Engineers Inc.	Conference paper
284	Dr. Sivajothi. E	An Optimal Approach for Stroke Risk Prediction in Healthcare Using Machine Learning	2025			10.1109/ICDICI66477.2025.11134973	Institute of Electrical and Electronics Engineers Inc.	Conference paper
285	Dr. Jeevanantham. V	HydroLens: Pioneering Underwater Surveillance with IoT-powered Object Detection and Tracking using the Hybrid ResNeXtDenseNet Model	2025	5	1	10.53759/7669/jmc202505022	AnaPub Publications	Journal
286	Dr. Jeevanantham. V	Enhancing Underwater Object Recognition: Integrating Transfer Learning with Hybrid Optimization Techniques for Improved Detection Accuracy	2025	5	1	10.53759/7669/jmc202505035	AnaPub Publications	Journal
287	Dr. Jeevanantham. V	A Deep Learning Approach for Water Quality Assessment: Leveraging Gated Linear Networks for Contamination Classification	2025	30	2	10.18280/isi.300206	International Information and Engineering Technology Association	Journal
288	Dr. Jeevanantham. V	Energy efficient hierarchical clustering based dynamic data fusion algorithm for wireless sensor networks in smart agriculture	2025	15	1	10.1038/s41598-024-85076-7	NATURE PORTFOLIO	Journal

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
289	Dr. Kanchana. R	Cyber Security of Robots: Integrating Safety and Security in Cognitive Social Computers	2025	5	3	10.52088/ijesty.v5i3.1059	Malikussaleh University	Journal
290	Dr. Kanchana. R	Simulative study of different photonic crystal fibers (PCFs) types configuration based optical fiber communication channel system for short range indoor applications	2025			10.1515/joc-2025-0296	Walter de Gruyter GmbH	Journal
291	Dr. Kanchana. R	High speed dense wavelength division multiplexing (DWDM) transceiver optical communication system simulation study based hybrid FSO/OFC channel for local area network applications	2025			10.1515/joc-2025-0304	Walter de Gruyter GmbH	Journal
292	Dr. Kanchana. R	EFFICIENT OBJECT DETECTION IN AGRICULTURAL ENVIRONMENTS IMPLEMENTING COLOR FEATURES EXTREME LEARNING MACHINE	2025	103	1	0	Little Lion Scientific	Journal
293	Dr. Edwin Singh. C	On Road Vehicle Breakdown Assistance by Using Machine Learning	2025	0		10.1109/ICCSP64183.2025.11089421	Institute of Electrical and Electronics Engineers Inc.	Conference paper
294	Dr. Edwin Singh. C	Deep Learning Assisted Blockchain for Secure Routing in Wireless Sensor Networks	2025	1328 LNNS		10.1007/978-981-96-4226-7_29	Springer Science and Business Media Deutschland GmbH	Conference paper
295	Dr. Edwin Singh. C	Deep Learning-Enabled Fetal Health Classification Through Sensor-Fused IoT Environment	2025	1328 LNNS		10.1007/978-981-96-4226-7_13	Springer Science and Business Media Deutschland GmbH	Conference paper
296	Dr. Edwin Singh. C	Energy-Efficient Routing with LSTM-Attention DQN for Anomaly Detection in Networks	2025			10.1109/ICTEA64585.2025.11099819	Institute of Electrical and Electronics Engineers Inc.	Conference paper

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
297	Dr. Edwin Singh. C	A Deep Learning Framework for Radar Signal Analysis with Spatio-Temporal Fusion	2025			10.1109/ICIMIA67127.2025.11200774	Institute of Electrical and Electronics Engineers Inc.	Conference paper
298	Dr. Edwin Singh. C	AI-BASED ENVIRONMENTAL MONITORING USING WIRELESS SENSOR NETWORK	2025	26	7	0	Scibulcom Ltd.	Journal
299	Dr. Lotus.R	Machine Learning for Medical Image Feature Extraction	2025			10.1109/IATMSI64286.2025.10985724	Institute of Electrical and Electronics Engineers Inc.	Conference paper
300	Dr. Beslin Pajila. P. J	Circular economy and sustainability in smart cities: Integrating technologies for a sustainable future	2025			10.4018/979-8-3373-0761-9.ch003	IGI Global	Book chapter
301	Dr. Beslin Pajila. P. J	Leveraging urban computing for sustainable urban development	2025			10.4018/979-8-3373-0761-9	IGI Global	Book
302	Dr. Beslin Pajila. P. J	Smart healthcare infrastructure and remote monitoring: Trends, technologies, and challenges	2025			10.4018/979-8-3373-0761-9.ch005	IGI Global	Book chapter
303	Dr. Beslin Pajila. P. J	A review on sustainable development and green practices: Strategies, challenges, and future directions	2025			10.4018/979-8-3693-7570-9.ch001	IGI Global	Book chapter
304	Dr. Beslin Pajila. P. J	Energy-Efficient Solutions and Environmental Impact Reduction in Mobile and Wireless Computing	2025			10.4018/979-8-3373-0766-4.ch011	IGI Global	Book chapter
305	Dr. Beslin Pajila. P. J	Energy Efficient Algorithms and Green Data Centers for Sustainable Computing	2025			10.4018/979-8-3373-0766-4	IGI Global	Book
306	Dr. Beslin Pajila. P. J	Software Tools and Evaluation Models for Visual Analytics: Trends, Challenges, and Future Directions	2025			10.1109/ICVADV63329.2025.10960909	Institute of Electrical and Electronics Engineers Inc.	Conference paper

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
307	Dr. Beslin Pajila. P. J	Seamless Image Restoration Using Inpainting Algorithm: A Deep Learning Approach	2025			10.1109/ICCRTE E64519.2025.11052967	Institute of Electrical and Electronics Engineers Inc.	Conference paper
308	Dr. Beslin Pajila. P. J	AI Driven Crop Management and Market Solutions	2025			10.1109/ICICV6 4824.2025.11085557	Institute of Electrical and Electronics Engineers Inc.	Conference paper
309	Dr. Beslin Pajila. P. J	Mobile Computing and Intelligence: Integrating AI to Revolutionize Real-Time Applications and Future Innovations	2025			10.1109/ICESC6 5114.2025.11212332	Institute of Electrical and Electronics Engineers Inc.	Conference paper
310	Dr. Beslin Pajila. P. J	Protecting Symmetric Cryptography From Quantum Attacks: Challenges and Mitigation Strategies	2025			10.4018/979-8-3373-3166-9.ch008	IGI Global	Book chapter
311	Dr. Beslin Pajila. P. J	Big data analytics for smart healthcare system	2025			10.1016/B978-0-443-36434-1.00018-5	Elsevier	Book chapter
312	Dr. Beslin Pajila. P. J	Enhanced autoencoder and deep neural network (AE&DNN) method for ddos attack recognition	2025	31	4	10.1007/s11276-025-03933-3	SPRINGER	Journal
313	Dr. Saravana Karthikeyan. M	Multi-Modal Deep Learning for User-Centric Car Recommendations	2025			10.1109/ICMSCI 62561.2025.10894027	Institute of Electrical and Electronics Engineers Inc.	Conference paper
314	Dr. Saravana Karthikeyan. M	Hybrid CNN-LSTM Model for Enhanced Weather Forecasting: Leveraging Spatial and Temporal Dependencies	2025			10.1109/ICSADL 65848.2025.10933281	Institute of Electrical and Electronics Engineers Inc.	Conference paper
315	Dr. Saravana Karthikeyan. M	GuavaCareNet: Empowering Guava Farms with Federated Learning for Real-Time Disease Diagnosis	2025			10.1109/ICMLA S64557.2025.10967886	Institute of Electrical and Electronics Engineers Inc.	Conference paper
316	Dr. Saravana Karthikeyan. M	Deep Learning-Powered Edge Analytics for IoT-based Sensor Networks	2025			10.1109/ICMLA S64557.2025.10967980	Institute of Electrical and Electronics Engineers Inc.	Conference paper

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
317	Dr. Udayakumar. A	Impact of Pollutants in Surface Water Ecosystem using Hybrid Stochastic Geometry	2025	21	0	10.37394/232015.2025.21.16	World Scientific and Engineering Academy and Society	Journal
318	Dr. Nithya. K	USING DEEP LEARNING TO DIAGNOSE LIVER HYDATID DISEASE VIA ULTRASOUND ANALYSIS	2025	26	6	0	Scibulcom Ltd.	Journal
319	Dr. Nithya. K	An Intelligent IDS for Mobile Adhoc Networks using Differential Evolutionary and Navie Bayesin Algorithms	2025	15	1	10.54216/JCIM.150105	American Scientific Publishing Group (ASPG)	Journal
320	Dr. Nithya. K	A comprehensive IoT and blockchain-integrated framework for autonomous water management in sustainable urban ecosystems	2025	47	0	10.1016/j.suscom.2025.101171	ELSEVIER	Journal
321	Dr. Sivakumar. T. B	Remote Patient Monitoring System with Wearable IoT Devices and Biosensors for Vital Signs	2025			10.1109/DICCT64131.2025.10986408	Institute of Electrical and Electronics Engineers Inc.	Conference paper
322	Dr. Sivakumar. T. B	Privacy-Preserving IoT Analytics using Federated Learning and Decentralized AI at the Edge	2025			10.1109/ICoICC64033.2025.11052159	Institute of Electrical and Electronics Engineers Inc.	Conference paper
323	Dr. Sivakumar. T. B	Machine Learning Based Predicting for Consumer Purchasing Recommendations in Social Commerce Networks	2025			10.1109/ICCTDC64446.2025.11159052	Institute of Electrical and Electronics Engineers Inc.	Conference paper
324	Dr. Vimala Ithayan. J	Enhancing Low-Light Images Across Divers Domain Using Retinex Models for Real-Time Quality Enhancement	2025			10.1109/ICISC65841.2025.11188352	Institute of Electrical and Electronics Engineers Inc.	Conference paper

S.No	Author Name	Title	Month /Year	Volume	Issue	DOI	Publisher	Document Type
325	Dr. M. Ravichandran	Deep Learning Based Speckle Noise Removal in Color Images Using Supervised Denoising Convolutional Neural Network	2025	236		10.1007/978-981-96-0451-7_18	Springer Science and Business Media Deutschland GmbH	Book chapter
326	Dr. M. Ravichandran	Exploring the Benefits of Big Data Assisted Sentimental Analysis Scheme Based on Deep Learning Algorithm	2025			10.1109/INCSST64791.2025.11210257	Institute of Electrical and Electronics Engineers Inc.	Conference paper
327	Dr. M. Ravichandran	Enhanced Electric Vehicle Battery Management: Continuous Monitoring, Defect Identification, and Thermal Control for Maximum Efficiency	2025			10.1109/ICoEIT63558.2025.11211626	Institute of Electrical and Electronics Engineers Inc.	Conference paper
328	Dr. Mariammal.G	Revolutionizing urban planning: The role of AI and predictive analytics in sustainable city development	2025			10.4018/979-8-3373-0761-9.ch013	IGI Global	Book chapter
329	Dr. Mariammal.G	Energy Efficient Big Data Processing: A Comprehensive Survey on Techniques, Trends, and Future Directions	2025			10.4018/979-8-3373-0766-4.ch007	IGI Global	Book chapter
330	Dr. Mariammal.G	Medical Report Simplification System: Enhancing Healthcare Accessibility using NLP-based Extraction and AI-Driven Explanation	2025			10.1109/ICICV64824.2025.11085700	Institute of Electrical and Electronics Engineers Inc.	Conference paper
331	Dr. Mariammal.G	Real-Time Expiry Alert System for Safer Retail using Barcode and QR Code Recognition	2025			10.1109/ICICV64824.2025.11085659	Institute of Electrical and Electronics Engineers Inc.	Conference paper
332	Dr. Mariammal.G	LIDAR Data Filtering Enhancing Techniques Development and Validation by Deep Learning	2025			10.1109/CONIT65521.2025.11166892	Institute of Electrical and Electronics Engineers Inc.	Conference paper

S.No	Author Name	Title	Month /Year	Volume	Issue	DOI	Publisher	Document Type
333	Dr. Navaz. K	Navigating the E-Learning Landscape: A Systematic Evaluation of Website Performance Using the Weighted Sum Method	2025	1246 LNNS		10.1007/978-3-031-88992-9_42	Springer Science and Business Media Deutschland GmbH	Conference paper
334	Dr. Navaz. K	An enhancing IOT security with a trinary deep learning paradigm and squirrel reptilian optimisation	2025	31	4	10.1504/IJMOR.2025.148076	Inderscience Publishers	Journal
335	Dr. Navaz. K	Empirical Evaluation of Deep Learning based Autonomous Driving System with Real-Time Scene Classification Procedure	2025			10.1109/ICIMIA67127.2025.11200907	Institute of Electrical and Electronics Engineers Inc.	Conference paper
336	Dr. Navaz. K	A Comparative Evaluation of Machine Learning Methods for Predicting Chronic Kidney Disease	2025	2203 CCIS		10.1007/978-3-031-73068-9_10	Springer Science and Business Media Deutschland GmbH	Conference paper
337	Dr. Navaz. K	Enhanced Phishing URL Detection Using a Novel GRU-CNN Hybrid Approach	2025	5	1	10.53759/7669/jmc202505007	AnaPub Publications	Journal
338	Dr. Navaz. K	Reducing energy consumption and enhancing security in WSNs using Sea Lion Optimization and ensemble voting	2025	50	4	10.1007/s12046-025-02938-0	SPRINGER INDIA	Journal
339	Dr. Nallasivan. G	Enhancing fruit recognition with robotic automation and salp swarm optimization for random forest classification	2025	14	3	10.11591/eei.v14i3.8917	Institute of Advanced Engineering and Science	Journal
340	Dr. Nallasivan. G	3D CT Liver Images Lesion Extraction and Classification for Using 3D-CNN with GLRLM	2025			10.1109/ICoACT63339.2025.11004788	Institute of Electrical and Electronics Engineers Inc.	Conference paper

S.No	Author Name	Title	Month/ Year	Volume	Issue	DOI	Publisher	Document Type
341	Dr. Nallasivan. G	Application of Machine Learning to Optical Network Traffic-Driven Provisioning Services	2025			10.1109/ICCSAI 64074.2025.110 64579	Institute of Electrical and Electronics Engineers Inc.	Conference paper
342	Dr. Nallasivan. G	Segmentation and Classification of Oral Lesion Cells Using Deep Learning Techniques	2025	1234 LNNS		10.1007/978- 981-96-2329- 7_28	Springer Science and Business Media Deutschland GmbH	Conference paper
343	Dr. Nallasivan. G	Ensemble Deep Learning Approaches for Skin Cancer Detection and Prediction	2025	1234 LNNS		10.1007/978- 981-96-2329- 7_19	Springer Science and Business Media Deutschland GmbH	Conference paper
344	Dr. Nallasivan. G	Dynamic Multi-Robot Path Planning: A Comparative Perspective	2025			10.1109/ICIMIA 67127.2025.112 00646	Institute of Electrical and Electronics Engineers Inc.	Conference paper
345	Dr. Nallasivan. G	Cyber security Strategies for Enabling Smart City Resilience: Guardians of the Digital Realm	2025			10.1201/97810 32711300-32	CRC Press	Book chapter
346	Dr. Nallasivan. G	Multimodal framework for phishing attack detection and mitigation through behavior analysis using EM-BERT and SPCA-BASED EAI-SC-LSTM	2025	6		10.3389/frcmn. 2025.1587654	FRONTIERS MEDIA SA	Journal
347	Dr. Nallasivan. G	Component features based enhanced phishing website detection system using EfficientNet, FH-BERT, and SELU-CRNN methods	2025	7		10.3389/fcomp. 2025.1582206	FRONTIERS MEDIA SA	Journal

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
348	Dr. Nallasivan. G	Innovative IoT and blockchain integration for real-time urban air quality monitoring and autonomous response system	2025	48		10.1016/j.susco m.2025.101250	ELSEVIER	Journal
349	Dr. Saju Raj. T	Computational Innovation Techniques Towards Practicing Pedagogues for Modern Higher Education Powered by AI Integration	2025	2384 CCIS		10.1007/978-981-96-4090-4_9	Springer Science and Business Media Deutschland GmbH	Conference paper
350	Dr. Saju Raj. T	Reinforcement learning-based task scheduling in edge fog cloud environment	2025	3306	1	10.1063/5.0276474	American Institute of Physics	Conference paper
351	Dr. Saju Raj. T	Synergizing AI, IoT, and Cyber-Physical Systems: A Cross-Domain Approach for Smart Infrastructure, Secure Networks, and Sustainable Intelligence	2025			10.1109/ICCDS64403.2025.11209733	Institute of Electrical and Electronics Engineers Inc.	Conference paper
352	Dr. Saju Raj. T	Improving Object Detection in Low Light Surveillance Using Hybrid Image Fusion Techniques Over Traditional Filtering Methods	2025			10.1109/ICCDS64403.2025.11209173	Institute of Electrical and Electronics Engineers Inc.	Conference paper
353	Dr. Saju Raj. T	Comparing Auto Scaling Efficiency of Serverless Applications Using AWS Lambda and Azure Functions in E-Commerce Platforms	2025			10.1109/ICCDS64403.2025.11208929	Institute of Electrical and Electronics Engineers Inc.	Conference paper
354	Dr. Saju Raj. T	Enhancing single image dehazing with self-supervised convolutional neural network and dark channel prior integration	2025	15	1	10.11591/ijece.v15i1.pp520-528	Institute of Advanced Engineering and Science	Journal
355	Dr. Saju Raj. T	Adaptive segmentation for accurate detection of tuberculosis disorder using multiscale residual densenet with attention mechanism by analyzing the chest X-ray images	2025	41		10.1016/j.jctube.2025.100566	ELSEVIER	Journal

S.No	Author Name	Title	Month/ Year	Volume	Issue	DOI	Publisher	Document Type
356	Dr. Amutha. S	Crow Search Algorithm for Energy-Efficient UAV Path Planning in Large-Scale Aerial Surveys	2025			10.1109/DICCT64131.2025.10986680	Institute of Electrical and Electronics Engineers Inc.	Conference paper
357	Dr. Amutha. S	Optimizing Blockchain Scalability for Secure Patient Health Records With Tri-Layered Sharding Architecture (TLSA)	2025	36	6	10.1002/ett.70168	John Wiley and Sons Inc	Journal
358	Dr. Amutha. S	Efficient Mechanism for Identifying Appropriate Phishing Websites Utilizing Machine Learning	2025			10.1109/ICICCS65191.2025.10985317	Institute of Electrical and Electronics Engineers Inc.	Conference paper
359	Dr. Amutha. S	Advancements in Cyber Security Using Deep Learning Techniques Attack Detection for Trojan Horses	2025	5589 LNNS		10.1007/978-981-96-1687-9_7	Springer Science and Business Media Deutschland GmbH	Conference paper
360	Dr. Amutha. S	Implications of Artificial Intelligence for Real-Time Intrusion Detection and Anomaly Detection in Smart Networks Concerning Cybersecurity in the Internet of Things	2025			10.1109/ICECCC65144.2025.11064232	Institute of Electrical and Electronics Engineers Inc.	Conference paper
361	Dr. Amutha. S	Face Anti-Spoofing using RGCS Algorithm	2025			10.1109/ICCRTE E64519.2025.11052938	Institute of Electrical and Electronics Engineers Inc.	Conference paper
362	Dr. Amutha. S	Smart Chatbot for A Food Ordering Website Using Google Dialogflow	2025			10.1109/ICCRTE E64519.2025.11053059	Institute of Electrical and Electronics Engineers Inc.	Conference paper
363	Dr. Amutha. S	Enhancing Security for Smart Healthcare Systems and Infrastructure with Artificial Intelligence	2025			10.1201/9781032711300-8	CRC Press	Book chapter

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
364	Dr. Amutha. S	Geometric Optimisation of Unmanned Aerial Vehicle Trajectories in Uncertain Environments	2025	54		10.1016/j.vehco m.2025.100938	ELSEVIER	Journal
365	Dr. Amutha. S	A hybrid deep learning framework for fake news detection using LSTM-CGPNN and metaheuristic optimization	2025	15	1	10.1038/s41598 -025-25311-x	NATURE PORTFOLIO	Journal
366	Dr. Rajalakshmi. P	An Optimized Hybrid CNN-LSTM Model for Epileptic Seizure Detection and Prediction	2025	15	4	10.48084/etasr. 11042	Dr D. Pylarinos	Journal
367	Dr. Rajalakshmi. P	Active Antenna Selection for Reconfigurable Intelligent Surfaces using Rotation-Invariant Coordinate Convolutional Neural Network and Multi-Dimensional Attention Spiking Neural Network for 5G/6G Communication	2025	26	1	10.1007/s11220 -024-00497-y	SPRINGER	Journal
368	Dr. Dhinakaran. D	Dual-Phase Regressive Deep Neural MapReduce Classifier for Scalable and Accurate Diabetic Prediction	2025	6	5	10.1007/s42979 -025-03976-5	Springer	Journal
369	Dr. Dhinakaran. D	Bio-Inspired Optimization to Enhance the Performance in 6G Networks of Reconfigurable Intelligent Surfaces	2025			10.4018/979-8- 3693-8099- 4.ch016	IGI Global	Book chapter
370	Dr. Dhinakaran. D	AI-driven preclinical advances in nuclear medicine radiopharmaceutical therapy for prostate cancer	2025			10.4018/979-8- 3373-1275- 0.ch010	IGI Global	Book chapter
371	Dr. Dhinakaran. D	AFCP Data Security Model for EHR Data Using Blockchain	2025	15	1	10.54216/JCIM.1 50103	American Scientific Publishing Group (ASPG)	Journal

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
372	Dr. Dhinakaran. D	The Future of Well-Being: AI-Powered Health Management with Privacy at its Core	2025			10.1002/9781394287024.ch14	Wiley	Book chapter
373	Dr. Dhinakaran. D	UNCA: A Neutrosophic-Based Framework for Robust Clustering and Enhanced Data Interpretation	2025	25	4	10.54216/IJNS.250415	American Scientific Publishing Group (ASPG)	Journal
374	Dr. Dhinakaran. D	Intelligent IoT-Driven Advanced Predictive Maintenance System for Industrial Applications	2025	6	2	10.1007/s42979-025-03695-x	Springer	Journal
375	Dr. Dhinakaran. D	Enhancing security in electronic health records using an adaptive feature-centric polynomial data security model with blockchain integration	2025	18	2	10.1007/s12083-024-01883-9	SPRINGER	Journal
376	Dr. Dhinakaran. D	A Novel Privacy Preservation Of Healthcare Data With Information Entropy-Based Multi-Scheme Fully Homomorphic Encryption And Rivest Shamir Adleman Techniques	2025	37	4	10.4015/S1016237224500601	WORLD SCIENTIFIC PUBL CO PTE LTD	Journal
377	Dr. Dhinakaran. D	Advanced image preprocessing and context-aware spatial decomposition for enhanced breast cancer segmentation	2025	14		10.1016/j.mex.2025.103224	ELSEVIER	Journal
378	Dr. Dhinakaran. D	Synergistic feature selection and distributed classification framework for high-dimensional medical data analysis	2025	14		10.1016/j.mex.2025.103219	ELSEVIER	Journal
379	Dr. Dhinakaran. D	Safeguarding Privacy by utilizing SC-D $\rho$ DA Algorithm in Cloud-Enabled Multi Party Computation	2025	19	2	10.3837/tiis.2025.02.014	KSII-KOR SOC INTERNET INFORMATION	Journal

380	Dr. Dhinakaran. D	Safeguarding confidentiality and privacy in cloud-enabled healthcare systems with spectrasafe encryption and dynamic k-anonymity algorithm	2025	279		10.1016/j.eswa.2025.127584	PERGAMON-ELSEVIER SCIENCE LTD	Journal
381	Dr. Dhinakaran. D	SI-CL-SDEO algorithm for improving HDFS performance and data reliability	2025	26		10.1016/j.rineng.2025.104773	ELSEVIER	Journal
382	Dr. Dhinakaran. D	Mining privacy-preserving association rules using transaction hewer allocator and facile hash algorithm in multi-cloud environments	2025	14		10.1016/j.mex.2025.103317	ELSEVIER	Journal
383	Dr. Dhinakaran. D	Adaptive distributed honeypot detection network for enhanced cybersecurity against DoS and DDoS attacks	2025	26		10.1016/j.rineng.2025.105521	ELSEVIER	Journal
384	Dr. Dhinakaran. D	Ethical and legal challenges with IoT in home digital twins	2025	14		10.1016/j.mex.2025.103409	ELSEVIER	Review
385	Dr. Dhinakaran. D	Enhancing clinical data security with the contextual polynomial-based data protection model (CPDPM)	2025	111		10.1016/j.bspc.2025.108329	ELSEVIER SCI LTD	Journal
386	Dr. Dhinakaran. D	Hybrid spotted hyena and whale optimization algorithm-based dynamic load balancing technique for cloud computing environment	2025	22	8	10.23919/JCC.fa.2023-0304.202508	CHINA INST COMMUNICATIO NS	Journal
387	Dr. Dinesh Kumar. K	A Blockchain-Based Intelligent IoT Communication System for Enhanced Security, Reliability, and Efficiency	2025			10.1109/ICoACT63339.2025.11005316	Institute of Electrical and Electronics Engineers Inc.	Conference paper
388	Dr. Dinesh Kumar. K	Deep Learning-Based Digital Character Recognition from 16 x 2 LCD Display Using YOLO v11	2025			10.1109/GINOTECH63460.2025.11076736	Institute of Electrical and Electronics Engineers Inc.	Conference paper

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
389	Dr. Dinesh Kumar. K	Enhanced LCD Character Recognition Leveraging YOLOv11 and Modern Deep Learning Approaches	2025			10.1109/ICETEA64585.2025.11100100	Institute of Electrical and Electronics Engineers Inc.	Conference paper
390	Dr. Dinesh Kumar. K	Comprehensive Threat Validation for Enhanced Network Security	2025			10.1109/ICICI65870.2025.11069798	IEEE	Conference paper
391	Dr. Kotteeswaran. C	Machine Learning Approach for Early Prediction of Chronic Kidney Disease: Approach of CNNs	2025			10.1109/ICCRTEE64519.2025.11053057	Institute of Electrical and Electronics Engineers Inc.	Conference paper
392	Dr. Kotteeswaran. C	Development of an Equivalency Checker Application using Blockchain and Machine Learning Approach	2025			10.1109/ICICI65870.2025.11069845	IEEE	Conference paper
393	Dr. Manivannan. R	Leveraging AI and IoT for Efficient Hospital Waste Management Analysis	2025			10.4018/979-8-3693-5757-6.ch013	IGI Global	Book chapter
394	Dr. Manivannan. R	A Convolutional Deep Learning Method for Digital Image Processing in the Identification of Vitamin Deficiencies	2025			10.1109/ICCRTEE64519.2025.11053025	Institute of Electrical and Electronics Engineers Inc.	Conference paper
395	Dr. Manivannan. R	Air Pollution Detection in Smart Cities using Machine Learning	2025			10.1109/ICISS63372.2025.11076467	Institute of Electrical and Electronics Engineers Inc.	Conference paper
396	Dr. Manivannan. R	Yoga Pose Detection and Classification using Machine Learning Techniques	2025			10.1109/ICCPCT65132.2025.11176767	Institute of Electrical and Electronics Engineers Inc.	Conference paper
397	Dr. Manivannan. R	Smart Prediction of Cardiac Conditions by Integrating Binary Classification and Data Privacy in Healthcare Analytics	2025			10.1109/ICCD64403.2025.11209644	Institute of Electrical and Electronics Engineers Inc.	Conference paper

S.No	Author Name	Title	Month/ Year	Volume	Issue	DOI	Publisher	Document Type
398	Dr. Manivannan. R	Automated Recognition of Diabetic Retinopathy and Glaucoma Using Deep Learning	2025			10.1109/ICICI65870.2025.11069791	IEEE	Conference paper
399	Dr. Manivannan. R	Enhanced Data Security in Wireless Sensor Networks Through Multi-Objective Energy-Aware Routing Utilizing Interpretable Generalized Additive Neural Network Approach	2025	35	8	10.1142/S0218126625504882	WORLD SCIENTIFIC PUBL CO PTE LTD	Journal
400	Dr. Gokul Pran.S	Dragonfly-Optimized K-Means Clustering via Wireless Sensor Network for Energy Consumption	2025	1328 LNNS		10.1007/978-981-96-4226-7_11	Springer Science and Business Media Deutschland GmbH	Conference paper
401	Dr. Gokul Pran.S	Adaptive Curriculum Development in Higher Education using a CNN-LSTM-based Approach for Reliability and Performance Evaluation	2025			10.1109/ICCMC65190.2025.11140864	Institute of Electrical and Electronics Engineers Inc.	Conference paper
402	Dr. Gokul Pran.S	Earthquake Risk Severity Prediction and Disaster Management using a Hybrid ARIMA-LSTM Model	2025			10.1109/ICCMC65190.2025.11140716	Institute of Electrical and Electronics Engineers Inc.	Conference paper
403	Dr. Gokul Pran.S	A Gan-Based Approach for Automated Plant Disease Classification Using Image Processing Techniques	2025			10.1109/ICCTDC64446.2025.11158173	Institute of Electrical and Electronics Engineers Inc.	Conference paper
404	Dr. Prabaharan. G	Energy-Efficient Cluster-Based Reliable Routing Using Hybrid Nutcracker and Improved Sand Cat Optimization Algorithm for Extending Network Lifetime in WSNs	2025	38	7	10.1002/dac.70054	WILEY	Journal

S.No	Author Name	Title	Month/ Year	Volume	Issue	DOI	Publisher	Document Type
405	Dr. Prabakaran. G	Optimized disease prediction in healthcare systems using HDBN and CAEN framework	2025	14		10.1016/j.mex.2025.103338	ELSEVIER	Journal
406	Dr. Prabakaran. G	Privacy Preservation of Medical Images Through Synthesized Federated Learning Framework in Healthcare	2025				INT INFORMATION & ENGINEERING TECHNOLOGY ASSOC	Journal
407	Dr. Senthilkumar. J	Reinforcement Learning with Enhanced Bubble Sort for Wireless Mesh Networks Node Selection	2025	2232 CCIS		10.1007/978-3-031-75608-5_6	Springer Science and Business Media Deutschland GmbH	Conference paper
408	Dr. Athinarayanan. S	Edge computing revolution: Unleashing artificial intelligence potential in the world of edge intelligence	2025			10.1002/9781394314409.ch6	wiley	Book chapter
409	Dr. Athinarayanan. S	Enhancing Power System Reliability: A Neural Network Approach for Electrical Fault Detection and Classification	2025	1356 LNNS		10.1007/978-981-96-5238-9_31	Springer Science and Business Media Deutschland GmbH	Conference paper
410	Dr. Athinarayanan. S	A Predictive Healthcare System for Lung Cancer Risk Using Deep Learning on Clinical Data	2025	1356 LNNS		10.1007/978-981-96-5238-9_39	Springer Science and Business Media Deutschland GmbH	Conference paper
411	Dr. Athinarayanan. S	Drone-Assisted SOA Routing for Stable Communication in Emergency Ad Hoc Networks	2025	1356 LNNS		10.1007/978-981-96-5238-9_42	Springer Science and Business Media Deutschland GmbH	Conference paper
412	Dr. Athinarayanan. S	Cervical cancer exposomics and the impact of environmental and lifestyle factors on carcinogenesis	2025			10.4018/979-8-3373-5796-6.ch002	IGI Global	Book chapter

S.No	Author Name	Title	Month/ Year	Volume	Issue	DOI	Publisher	Document Type
413	Dr. Athinarayanan. S	EGAN-F-MIRNet: Enlighten Generative Adversarial Network-Fusion-MIRNet for Image Enhancement of MRI Brain Image	2025			10.1007/s44174-025-00492-1	Springer Nature	Journal
414	Dr. Athinarayanan. S	Potential applications of immersive technology in Healthcare 5.0	2025			10.1016/B978-0-443-30182-7.00004-X	Elsevier	Book chapter
415	Dr. Athinarayanan. S	Brain Tumor Classification from MRI Scans Using a Novel CNN Architecture and Optimization Techniques	2025	2228 CCIS		10.1007/978-3-031-73477-9_9	SPRINGER INTERNATIONAL PUBLISHING AG	Conference paper
416	Dr. Edwin Raja.S	Moth flame optimization algorithm for efficient feature selection and hybrid classification technique for intrusion detection system	2025	84	35	10.1007/s11042-025-20779-1	Springer	Journal
417	Dr. Edwin Raja.S	Design and Implementation of a Penetration Testing Framework for Simulated Networks	2025			10.1109/CONIT65521.2025.11167130	Institute of Electrical and Electronics Engineers Inc.	Conference paper
418	Dr. Edwin Raja.S	MediCon: A Lightweight, Reputation-Based Consensus Protocol to Allow Scalable and Secure Data Sharing in Healthcare	2025			10.1109/ICSCDS65426.2025.11166742	Institute of Electrical and Electronics Engineers Inc.	Conference paper
419	Dr. Edwin Raja.S	MapReduce based big data framework using associative Kruskal poly Kernel classifier for diabetic disease prediction	2025	14		10.1016/j.mex.2025.103210	ELSEVIER	Journal
420	Dr. Edwin Raja.S	Optimized modified single shot multibox detector with hybrid encryption algorithm for satellite image security and classification	2025	18	3	10.1007/s12145-025-01749-5	SPRINGER HEIDELBERG	Journal

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
421	Dr. Edwin Raja.S	Liver Tumor Prediction using Attention-Guided Convolutional Neural Networks and Genomic Feature Analysis	2025	14		10.1016/j.mex.2025.103276	ELSEVIER	Journal
422	Dr. Rajesh. R	Quantum-Enhanced Deep Learning for Predictive Diagnostics and Personalized Treatment in Smart Healthcare Systems	2025			10.1109/ICPCSN65854.2025.11035338	Institute of Electrical and Electronics Engineers Inc.	Conference paper
423	Dr. Rajesh. R	Dynamic Multi-Agent Reinforcement Learning Based Load Balancing on Software Defined Networking	2025			10.1109/NETCRYPT65877.2025.11102153	Institute of Electrical and Electronics Engineers Inc.	Conference paper
424	Dr. Rajesh. R	A Hybrid Expert System Using Symbolic Reasoning and Neural Networks for Predictive Maintenance in Mechatronic Systems	2025	5	4	10.53759/7669/jmc202505200	AnaPub Publications	Journal
425	Dr. Rajesh. R	Detecting Malicious Data in Agricultural Systems: An Integrated Cyber Framework	2025			10.1109/ICEPE65965.2025.11139780	Institute of Electrical and Electronics Engineers Inc.	Conference paper
426	Dr. Rajesh. R	YOLOX Driven Smart Surveillance for Real Time Intelligent Object Detection and Anomaly Monitoring	2025			10.1109/CONIT65521.2025.11167871	Institute of Electrical and Electronics Engineers Inc.	Conference paper
427	Dr. Rajesh. R	An efficient self-attention-based conditional variational auto-encoder generative adversarial networks based multipath cross-layer design routing paradigm for MANET	2025	238	0	10.1016/j.eswa.2023.122097	PERGAMON-ELSEVIER SCIENCE LTD	Journal

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
428	Dr. Chinnathambi. K	Convolutional neural network-based strategies for efficient content-based image retrieval	2025	37	1	10.11591/ijeecs.v37.i1.pp551-559	Institute of Advanced Engineering and Science	Journal
429	Dr. Sumithra. M	Bees Swarm Optimization Based Prediction of Machined Fatigue Failure	2025			10.1109/AUTOCON64127.2025.10957060	Institute of Electrical and Electronics Engineers Inc.	Conference paper
430	Dr. Sumithra. M	Large Language Model AI Text Generation Detection based on Transformer Deep Fast Quantum Convolutional Neural Networks	2025			10.1109/ICIRCA65293.2025.11089509	Institute of Electrical and Electronics Engineers Inc.	Conference paper
431	Dr. Sumithra. M	Advanced Inventory Management with Blockchain-Powered Supply Chain Finance Dashboard	2025			10.1109/GINOTECH63460.2025.11076722	Institute of Electrical and Electronics Engineers Inc.	Conference paper
432	Dr. Raja. J	Alzheimer Disease Classification Model Using Machine Learning Techniques	2025	14	3	10.14419/rcsfqr61	Science Publishing Corporation Inc.	Journal
433	Dr. Raja. J	Advancements in Nanoelectronics: From Quantum Dots to Quantum Computing	2025	3300	1	10.1063/5.0277551	American Institute of Physics	Conference paper
434	Dr. Raja. J	Blockchain Integration in IoT Networks	2025			10.1109/GINOTECH63460.2025.11077026	Institute of Electrical and Electronics Engineers Inc.	Conference paper
435	Dr. Raja. J	A NEW APPROACH TO METAMATERIAL ENCODING FOR IMPROVED BROADBAND AND ABSORPTION CONFORMABILITY IN MW APPLICATIONS	2025	26	5	0	Scibulcom Ltd.	Journal
436	Dr. Raja. J	SERIES-PARALLEL MODEL DESIGN FOR POLYMER NANOCOMPOSITE ELECTRICAL CONDUCTIVITY PREDICTION USING NEURAL NETWORKS	2025	26	5	0	Scibulcom Ltd.	Journal

S.No	Author Name	Title	Month/ Year	Volume	Issue	DOI	Publisher	Document Type
437	Dr. Senthilkumaran. B	Transforming student engagement through AI, AR, VR, and chatbots in education	2025			10.4018/979-8-3693-8734-4.ch004	IGI Global	Book chapter
438	Dr. Senthilkumaran. B	CHRONIC KIDNEY DISEASE DETECTION AND CLASSIFICATION USING DEEP LEARNING METHOD – AN EMPIRICAL PROOF	2025	103	7	0	Little Lion Scientific	Journal
439	Dr. Senthilkumaran. B	Robust Ensembled Model Based Reinforcement Learning for Better Tomato Yield in Greenhouse	2025	5	2	10.53759/7669/jmc202505090	AnaPub Publications	Journal
440	Dr. Senthilkumaran. B	Sustainable Digital Transformation Through Energy-Efficient Edge and Fog Computing	2025			10.4018/979-8-3373-0766-4.ch015	IGI Global	Book chapter
441	Dr. Senthilkumaran. B	Modern Metrics (MM): Functional Size Estimator for AI and BDA Software Applications	2025	1200		10.1007/978-981-97-9926-8_25	Springer Science and Business Media Deutschland GmbH	Conference paper
442	Dr. Senthilkumaran. B	Exploring AI Computing: Applications, Challenges, and Future Trends	2025			10.4018/979-8-3693-6552-6.ch007	IGI Global	Book chapter
443	Dr. Senthilkumaran. B	Qualitative research methods for professional competencies in educational leadership	2025			10.4018/979-8-3693-9425-0.ch009	IGI Global	Book chapter
444	Dr. Senthilkumaran. B	Sustainable Deep Learning-Based Fault Detection for Next-Generation 6G Networks	2025	52	7	0	International Association of Engineers	Journal
445	Dr. Senthilkumaran. B	Machine Learning Based Healthcare System for Assessment of Quality Life	2025	52	11	0	International Association of Engineers	Journal

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
446	Dr. Senthilkumaran. B	A Machine Learning-Based Framework for Communication Failure Detection in Directional Industrial IoT Networks	2025	52	11	0	International Association of Engineers	Journal
447	Dr. Senthilkumaran. B	A Novel AI Framework for Predicting Patient Outcomes: Integrating Structured and Unstructured Healthcare Data	2025	0	0	10.1109/ICoEIT63558.2025.11211682	Institute of Electrical and Electronics Engineers Inc.	Conference paper
448	Dr. Senthilkumaran. B	Mitigating DDoS Attacks: A Machine Learning Approach for Enhanced Detection and Response	2025	28	2	10.52783/anvi.v28.1850	International Publications	Journal
449	Dr. Senthilkumaran. B	Secure Medical Image Encryption Using Random Shuffling and Cryptography	2025	5	1	10.53759/7669/jmc202505009	AnaPub Publications	Journal
450	Dr. Senthilkumaran. B	Hybris-E2: A Novel Routing Protocol for Energy Efficiency and Load Balancing in MANETs	2025	38	8	10.1002/dac.70093	WILEY	Journal
451	Dr. Senthilkumaran. B	Hybrid TEEN-GAF Protocol: Maximizing Energy Efficiency and Lifespan in Wireless Sensor Networks	2025			10.1007/s40998-025-00984-2	SPRINGER INT PUBL AG	Journal
452	Govindharaj.I	Enhanced Robustness in Lung Cancer Classification from CT Images Using Noise-Resistant Dynamic Integral Neural Networks	2025			10.1109/ICETEA64585.2025.11100134	Institute of Electrical and Electronics Engineers Inc.	Conference paper
453	Govindharaj.I	A Dilated Feature Fusion Approach to Optic Cup and Disc Segmentation for Glaucoma Detection and Progression Prediction	2025			10.1109/ICETEA64585.2025.11099982	Institute of Electrical and Electronics Engineers Inc.	Conference paper

S.No	Author Name	Title	Month/ Year	Volume	Issue	DOI	Publisher	Document Type
454	Govindharaj.I	Farmyzaar: Secure Farmer Authentication in Agricultural Marketplace using Verhoeff Algorithm and OCR	2025			10.1109/ICSCSA 66339.2025.111 71239	Institute of Electrical and Electronics Engineers Inc.	Conference paper
455	Govindharaj.I	Enhanced diabetic retinopathy detection using U-shaped network and capsule network-driven deep learning	2025	14		10.1016/j.mex.2 024.103052	ELSEVIER	Journal
456	Govindharaj.I	Enhancing glaucoma diagnosis: Generative adversarial networks in synthesized imagery and classification with pretrained MobileNetV2	2025	14		10.1016/j.mex.2 024.103116	ELSEVIER	Journal
457	Govindharaj.I	Capsule network-based deep learning for early and accurate diabetic retinopathy detection	2025	45	1	10.1007/s10792 -024-03391-4	SPRINGER	Journal
458	Govindharaj.I	Enhanced leukemia prediction using hybrid ant colony and ant lion optimization for gene selection and classification	2025	14	0	10.1016/j.mex.2 025.103239	ELSEVIER	Journal
459	Govindharaj.I	Grey wolf optimization technique with U-shaped and capsule networks-A novel framework for glaucoma diagnosis	2025	14	0	10.1016/j.mex.2 025.103285	ELSEVIER	Journal
460	Govindharaj.I	Advanced glaucoma disease segmentation and classification with grey wolf optimized U-Net++ and capsule networks	2025				SPRINGER	Journal
461	Govindharaj.I	Learning feature dependencies for precise tumor region detection and segmentation in optical coherence tomography images	2025	46	1	10.1007/s10792 -025-03914-7	SPRINGER	Journal

S.No	Author Name	Title	Month/ Year	Volume	Issue	DOI	Publisher	Document Type
462	Dr. Venketbabu.T	Enhancing Data Analytics and Forecasting Education Through Machine Learning Algorithms	2025			10.4018/979-8-3373-2150-9.ch010	IGI Global	Book chapter
463	Dr. Venketbabu.T	Transforming IoT: Addressing Challenges and Driving Future Innovations	2025			10.1109/ICSCSA66339.2025.11171350	Institute of Electrical and Electronics Engineers Inc.	Conference paper
464	Dr. Venketbabu.T	A Survey on Blockchain and the Metaverse in Healthcare: Opportunities, Challenges, and Emerging Trends	2025			10.4018/979-8-3373-1225-5.ch001	IGI Global	Book chapter
465	Dr. Venketbabu.T	Design and Analysis of Graphene-Based Square Ring and Thin Wire Resonator Surface Plasmon Resonance Biosensor for Adrenal Cancer Detection	2025	20	11	10.1007/s11468-025-03017-0	SPRINGER	Journal
466	Dr. Kartheesan L	Lexicon-Enhanced Convolutional BERT (LEConvBERT) for Secure and Intelligent Equivalency Certificate Generation using NLP and Blockchain	2025			10.1109/ICSCDS65426.2025.11167837	Institute of Electrical and Electronics Engineers Inc.	Conference paper
467	Dr. Kartheesan L	Quantum-Driven Agricultural Innovation: Evaluating Wheat Flour Quality Through Thermal Imaging and Biophotonic Emissions	2025			10.1109/ICDSNS65743.2025.11168573	Institute of Electrical and Electronics Engineers Inc.	Conference paper
468	Dr. Kartheesan L	Multi-Layered IoT Biopackaging with RTD/NFC: A Printed Electronics Approach to Sustainable Logistics	2025			10.1109/ICESC65114.2025.11212475	Institute of Electrical and Electronics Engineers Inc.	Conference paper
469	Dr. Kartheesan L	Lung disease classification in chest X-ray images using optimal cross stage partial bidirectional long short term memory	2025	33	3	10.1177/08953996241304987	SAGE PUBLICATIONS INC	Journal
470	Dr. Kartheesan L	Energy-aware cluster head optimization and secure blockchain integration for heterogeneous 6G-enabled IoMT networks	2025	15	1	10.1038/s41598-025-15462-2	NATURE PORTFOLIO	Journal

S.No	Author Name	Title	Month/ Year	Volume	Issue	DOI	Publisher	Document Type
471	Dr. Ramesh.P	Big Data Analytics in IoT Ecosystems	2025			10.1109/ICFTS6 2006.2025.1103 1548	Institute of Electrical and Electronics Engineers Inc.	Conference paper
472	Dr. Ramesh.P	Quantum Cryptography in Secure IoT Communications	2025			10.1109/ICFTS6 2006.2025.1103 1513	Institute of Electrical and Electronics Engineers Inc.	Conference paper
473	Dr. Ramesh.P	Prediction of Injuries and Fatalities in Aircraft Accidents through Ensemble Hybrid C-SEResNet Approach	2025			10.1109/ICDSIS 65355.2025.110 70436	Institute of Electrical and Electronics Engineers Inc.	Conference paper
474	Dr. Ramesh.P	Optimization of Neural Networks Using Mathematical Algorithms: An LSTM-Based Machine Learning Approach to Lung Cancer Diagnosis	2025	28	2	10.52783/anvi.v 28.2052	International Publications	Journal
475	Dr. Prasanth. A	An Automated Deep Learning-based VAR for Enhancing Referee Decision-Making in Football	2025	0	0	10.1109/IDCIOT 64235.2025.109 14757	Institute of Electrical and Electronics Engineers Inc.	Conference paper
476	Dr. Prasanth. A	A Future Cyber Security for Secured Smart Home Applications Using the Internet of Things and Blockchain Technology	2025	0	0	0	Apple Academic Press	Book chapter
477	Dr. Prasanth. A	BLOCKCHAIN-BASED DIGITAL TWINS: Research Trends and Challenges	2025	0	0	0	Apple Academic Press	Book
478	Dr. Prasanth. A	Modeling and Simulation for Digital Twins of Blockchain Technology	2025	0	0	0	Apple Academic Press	Book chapter

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
479	Dr. Prasanth. A	NLP-Driven Detection of Cyber-Bullying Comments in Instagram Social Network	2025	0	0	10.1109/ICCIT63348.2025.10989475	Institute of Electrical and Electronics Engineers Inc.	Conference paper
480	Dr. Prasanth. A	Safety regulations and standards for automated driving	2025	0	0	10.1016/B978-0-443-30040-0.00004-7	Elsevier	Book chapter
481	Dr. Prasanth. A	Emerging graphical data management methodologies for automated driving	2025	0	0	10.1016/B978-0-443-30040-0.00015-1	Elsevier	Book chapter
482	Dr. Prasanth. A	Emerging technologies and tools for knowledge gathering in automated driving	2025	0	0	10.1016/B978-0-443-30040-0.00003-5	Elsevier	Book chapter
483	Dr. Prasanth. A	Factors Driving Gen Z Interest in the Metaverse	2025	1305 LNNS	0	10.1007/978-981-96-3725-6_38	Springer Science and Business Media Deutschland GmbH	Conference paper
484	Dr. Prasanth. A	Design of Smart System for Mitigating Wild Animal Intrusion in Agricultural Farms Using IoT and Deep Learning	2025	0	0	10.1109/ICCSAI64074.2025.11064106	Institute of Electrical and Electronics Engineers Inc.	Conference paper
485	Dr. Prasanth. A	A Deep Learning-Based Workload Forecasting Model in Cloud Data Centers	2025	0	0	10.1109/ICOCT64433.2025.11118402	Institute of Electrical and Electronics Engineers Inc.	Conference paper
486	Dr. Prasanth. A	Digital Twins for Hyperautomation for Next Generation	2025	0	0	10.1002/9781394186518.ch5	wiley	Book chapter
487	Dr. Prasanth. A	Applications of Hyperautomation in Finance and Banking Industries	2025	0	0	10.1002/9781394186518.ch9	wiley	Book chapter
488	Dr. Prasanth. A	Artificial Intelligence-Based Hyperautomation for Smart Factory Process Automation	2025	0	0	10.1002/9781394186518.ch3	wiley	Book chapter
489	Dr. Prasanth. A	Blockchain technology-based biometric system	2025	0	0	10.1201/9781003497585-9	CRC Press	Book chapter

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
490	Dr. Prasanth. A	Computer Vision Systems in Livestock Farming, Poultry Farming, and Fish Farming: Applications, Use Cases, and Research Directions	2025	0	0	10.1002/9781394186686.ch10	wiley	Book chapter
491	Dr. Prasanth. A	An Integrated Approach Based on Fuzzy Logic and Machine Learning Techniques for Reliable Wine Quality Prediction	2025	252	0	10.1016/j.procs.2025.01.021	Elsevier B.V.	Conference paper
492	Dr. Prasanth. A	Artificial Intelligence-Enabled Fully Echoed Q-Routing and Adaptive Directional Medium Access Control Protocol for Flying Ad-Hoc Networks	2025	38	4	10.1002/dac.6138	WILEY	Journal
493	Dr. Prasanth. A	A Reliable speech emotion recognition framework for multi-regional languages using optimized light gradient boosting machine classifier	2025	105	0	10.1016/j.bspc.2025.107636	ELSEVIER SCI LTD	Journal
494	Dr. Prasanth. A	A reliable character recognition model based on hybrid feed forward back-propagation neural network and adaptive cuckoo search optimization algorithm	2025	50	4	10.1007/s12046-025-02952-2	SPRINGER INDIA	Journal
495	Dr. Prasanth. A	An energy-aware link fault detection and recovery scheme for QoS enhancement in Internet of Things-enabled wireless sensor network	2025	123	0	10.1016/j.compeleceng.2025.110092	PERGAMON-ELSEVIER SCIENCE LTD	Journal
496	Dr. Kavitha. R	MACHINE LEARNING APPROACH FOR PREDICTING ALTITUDE SICKNESS SUSCEPTIBILITY THROUGH PERSONALISED PRE-ACCLIMATISATION PROTOCOLS	2025	26	2	0	Scibulcom Ltd.	Journal

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
497	Dr. Kavitha. R	Predictive Modeling of Air Pollution Levels using Machine Learning	2025	0	0	10.1109/ICSSAS66150.2025.11080698	Institute of Electrical and Electronics Engineers Inc.	Conference paper
498	Dr. Kavitha. R	Implementing CNN and LSTM for Cotton Seed Quality Assessment Using FTIR Spectroscopy Data	2025	0	0	10.1109/CONIT65521.2025.11167287	Institute of Electrical and Electronics Engineers Inc.	Conference paper
499	Dr. Supriya. S	Employing Artificial Intelligence and Machine Learning to Create Adaptive Models for Improved Predictive Accuracy in Dynamical Real-World Applications	2025	0	0	10.1109/ICCSAI64074.2025.11063797	Institute of Electrical and Electronics Engineers Inc.	Conference paper
500	Dr. Supriya. S	A Data Science-Driven Face Recognition Attendance System Integrated with a Voice Assistant	2025	0	0	10.1109/ICoICC64033.2025.11052086	Institute of Electrical and Electronics Engineers Inc.	Conference paper
501	Dr. Sathish. N	REAL-TIME GLUCOSE MONITORING SYSTEM AND DIETARY RECOMMENDATIONS FOR DIABETES MELLITUS USING FOG COMPUTING	2025	84	5	10.1615/TelecomRadEng.2025054369	Begell House Inc.	Journal
502	Dr. Sathish. N	Accurate Deep Learning Models for Predicting Brain Cancer at begin Stage	2025	7	3	10.54392/irjmt2536	Asian Research Association	Journal
503	Dr. Sathish. N	Secure And Efficient Payment Processing Using An Unique Pin-Based Transaction Method	2025	0	0	10.1109/ICDSAA165575.2025.11011612	Institute of Electrical and Electronics Engineers Inc.	Conference paper
504	Dr. Saravanan S	Effective Load Balancing on Servers Using Virtual Machines for Cloud Computing Environment Using Green Computing and The Skewness Algorithm	2025	14	3	10.14419/60apby38	Science Publishing Corporation Inc.	Journal
505	Dr. Saravanan S	A Secure System for Accessing the Big Data Over the Scattered Cloud Information Center Using C-Hadoop	2025	5	4	10.53759/7669/jmc202505154	AnaPub Publications	Journal

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
506	Dr. Saravanan S	Revolutionizing Music Creation through Collaboration and Digital Innovation - Mutual Canvas	2025	0	0	10.1109/CONIT65521.2025.11167639	Institute of Electrical and Electronics Engineers Inc.	Conference paper
507	Dr. Saravanan S	Security Protocols for IoT Communication in Post-Quantum Cryptography for Resilient Urban Development	2025	0	0	10.4018/979-8-3373-3166-9.ch001	IGI Global	Book chapter
508	Dr. Saravanan S	Federated Learning Using Blockchain for Decentralized and Enhanced secure network management driven by Artificial Intelligence	2025	0	0	10.1109/ICCIES63851.2025.11032802	Institute of Electrical and Electronics Engineers Inc.	Conference paper
509	Dr. Saravanan S	Real-Time Human Intrusion Detection in Wireless Sensor Networks Using Yolov7 for Enhanced Perimeter Security	2025	0	0	10.1109/ICCSAI64074.2025.11064535	Institute of Electrical and Electronics Engineers Inc.	Conference paper
510	Dr. Saravanan S	Sustainable agriculture through big data analytics: The role of ABC-RLS algorithm in enhancing crop production	2025	0	0	10.1007/s10668-025-06228-x	SPRINGER	Journal
511	Dr. Bharathi V	Intelligent Predictive Modeling of Cyber Threats using Machine Learning Algorithms	2025	0	0	10.1109/ICSCDS65426.2025.11166881	Institute of Electrical and Electronics Engineers Inc.	Conference paper
512	Dr. Chokkalingam. S. P	Multimedia Image Retrieval Using Novel Modelling of Combined Binary Patterns with Reduced Dimensions	2025	21	4	10.3844/jcssp.2025.991.1002	Science Publications	Journal
513	Dr. Chokkalingam. S. P	Anomaly Detection in Border Surveillance Using VAE-LSTM Network for Temporal-Spatial Analysis of Sensor Data	2025	0	0	10.1109/ICIRCA65293.2025.11089617	Institute of Electrical and Electronics Engineers Inc.	Conference paper
514	Dr. Chokkalingam. S. P	Optimizing the Fight against Fraud: A Novel Approach with Opti_Dnn based Hybrid Grey Wolf - Whale Optimization in Medical Claims	2025	24	0	10.37394/23202.2025.24.62	World Scientific and Engineering Academy and Society	Journal

S.No	Author Name	Title	Month/ Year	Volume	Issue	DOI	Publisher	Document Type
515	Dr. Sathya.V	Evaluation of Paper Industry waste sludge and nano materials on properties of concrete	2025	621	0	10.1051/e3sconf/202562101018	EDP Sciences	Conference paper
516	Dr. Sathya.V	Enhanced Multi-Scale Convolutional Neural Network with Attention Mechanism for Accurate and Efficient Automated Hematological Diagnostics from Blood Smear	2025			10.1109/ICEARS64219.2025.10940568	Institute of Electrical and Electronics Engineers Inc.	Conference paper
517	Dr. Sathya.V	Empowering smart cities: A comprehensive survey on the role of IoT in urban infrastructure	2025			10.4018/979-8-3373-0761-9.ch011	IGI Global	Book chapter
518	Dr. Sathya.V	Deep Learning Techniques for Cyber Bullying Detection in Social Networks	2025			10.1109/AUTOCOM64127.2025.10957657	Institute of Electrical and Electronics Engineers Inc.	Conference paper
519	Dr. Sathya.V	Energy Efficient Protocols and Devices in IoT: Approaches for Sustainable Performance	2025			10.4018/979-8-3373-0766-4.ch006	IGI Global	Book chapter
520	Dr. Sathya.V	Machine learning in cybersecurity: Challenges, applications, and future directions	2025			10.4018/979-8-3693-7758-1.ch002	IGI Global	Book chapter
521	Dr. Sathya.V	AI driven personalization in education: Transformative practices and emerging trends	2025			10.4018/979-8-3693-8744-3.ch002	IGI Global	Book chapter
522	Dr. Sathya.V	Virtual and Augmented Reality in the Automobile Industry: Applications and Future Directions	2025			10.4018/979-8-3693-7287-6.ch015	IGI Global	Book chapter
523	Dr. Sathya.V	AgroInsight Pro: Sustainable Agriculture Analytics & Decision Support System using GEN-AI	2025			10.1109/STCR62650.2025.11019043	Institute of Electrical and Electronics Engineers Inc.	Conference paper
524	Dr. Sathya.V	Smart-Shield: A Hybrid ML-AI Framework for Advanced Phishing Detection using Gradient Boosting and LLM Analysis	2025			10.1109/ICPCSN65854.2025.11035754	Institute of Electrical and Electronics Engineers Inc.	Conference paper

S.No	Author Name	Title	Month/ Year	Volume	Issue	DOI	Publisher	Document Type
525	Dr. Sathya.V	PrivGuardNet: A Federated Transformer-based Intrusion Detection System with Differential Privacy for Scalable Cybersecurity Defense	2025			10.1109/ICCMC65190.2025.11140617	Institute of Electrical and Electronics Engineers Inc.	Conference paper
526	Dr. Sathya.V	Digital Twins Tools and Technologies in Smart Manufacturing	2025			10.1002/9781394303601.ch7	wiley	Book chapter
527	Dr. Sathya.V	Advancing STEAM education: Integrative approaches, challenges, and future directions	2025			10.4018/979-8-3693-7408-5.ch002	IGI Global	Book chapter
528	Dr. Sathya.V	Global research trends in Environmental adaptation techniques focusing on climate change through scientometric lens	2025	6	1	10.1007/s43621-025-00796-8	SPRINGERNATURE	Review
529	Dr. Sathya.V	A hybrid deep learning framework for early detection of diabetic retinopathy using retinal fundus images	2025	15	1	10.1038/s41598-025-99309-w	NATURE PORTFOLIO	Journal
530	Dr. Sathya.V	Sunflower-based butterfly optimization algorithm with enhanced RNN for the harmonics elimination in multilevel inverter	2025	7	8	10.1007/s42452-025-07475-3	SPRINGER	Journal
531	Dr. Aravind. T	Deep Learning Driven Short Term Solar Radiation Forecasting System Using Temporal Attention Gated Convolutional Network Model	2025	12	8	10.14445/23488379/IJEEE-V12I8P112	Seventh Sense Research Group	Journal
532	Dr. Thirunavukkarasu. M	Defect Detection in Steel Castings Using Deep Learning with X-ray Images	2025			10.1109/ISPC66872.2025.11039344	Institute of Electrical and Electronics Engineers Inc.	Conference paper

S.No	Author Name	Title	Month/ Year	Volume	Issue	DOI	Publisher	Document Type
533	Dr. Thirunavukkarasu. M	Energy-Efficient IoT Solutions for Smart Cities	2025			10.1109/ICFTS6 2006.2025.1103 1630	Institute of Electrical and Electronics Engineers Inc.	Conference paper
534	Dr. Thirunavukkarasu. M	Generating Synthetic Csi Data Using Gans: a Deep Learning-Based Approach	2025			10.1109/ICDICI6 6477.2025.1113 5357	Institute of Electrical and Electronics Engineers Inc.	Conference paper
535	Dr. Thirunavukkarasu. M	AI in Finance: Predictive Analytics for Fraud Detection and Risk Management	2025			10.1201/978100 3543527-16	CRC Press	Book chapter
536	Dr. Thirunavukkarasu. M	AI-Driven Energy Storage Management for Smart Grids in Sustainable Urban Ecosystems	2025			10.1109/ICICKE 65317.2025.111 36210	IEEE	Conference paper
537	Dr. Senthil Kumar.V	Deep Learning with Quantum Computing Leveraging risk assessment financial optimization and detection of frauds	2025			10.1109/ICCIES6 3851.2025.1103 3124	Institute of Electrical and Electronics Engineers Inc.	Conference paper
538	Dr. Senthil Kumar.V	Sem-AI: A Unique Framework for Sentiment Analysis and Opinion Mining Using Social Network Data	2025	6	2	10.1007/s42979 -024-03628-0	Springer	Journal
539	Dr. Senthil Kumar.V	A multi-modal ensemble framework for breast cancer segmentation and classification using genetic U-Net and HBoost	2025	112		10.1016/j.bspc.2 025.108827	ELSEVIER SCI LTD	Journal
540	Dr. Karthik.E	STACKED Light GBM AND DEEP LEARNING APPROACH FOR ACCURATE MONKEYPOX DIAGNOSIS USING CLINICAL DATA	2025	103	20	0	Little Lion Scientific	Journal
541	Dr. Ambika.S	Quantum Cryptography for Enhancing Privacy in Mobile Computing Systems	2025	0	0	10.1109/NETCR YPT65877.2025. 11102626	Institute of Electrical and Electronics Engineers Inc.	Conference paper

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
542	Dr. Ambika.S	Real-Time Deepfake Detection using a Hybrid MobileNet-LSTM Model For Image and Video Analysis	2025	0	0	10.1109/ICCMC65190.2025.11140856	Institute of Electrical and Electronics Engineers Inc.	Conference paper
543	Dr. Raja Prakash.S	The Multi-Way Path Over the Blockchain: The Development of the Security Algorithm RB-24-1	2025	0	0	10.1109/ICMCSI64620.2025.10883571	Institute of Electrical and Electronics Engineers Inc.	Conference paper
544	Dr. Raja Prakash.S	Securing the Chain: A Comprehensive Review of Blockchain Security Fundamentals and Challenges	2025	1177	0	10.1007/978-981-97-8695-4_11	Springer Science and Business Media Deutschland GmbH	Conference paper
545	Dr. Raja Prakash.S	The Design of Security Algorithm RPBB-24-2 in Circuitous Route Across the Distributed Ledger	2025	1178	0	10.1007/978-981-97-9559-8_10	Springer Science and Business Media Deutschland GmbH	Conference paper
546	Dr. Raja Prakash.S	AN INNOVATIVE MODEL OF ARTIFICIAL INTELLIGENCE-BASED DOCTOR ASSISTANT MODEL FOR ADVANCED AND INTELLIGENT MEDICAL SUPPORT SYSTEMS	2025	103	9	0	Little Lion Scientific	Journal
547	Dr. Raja Prakash.S	Identification of Fake Human Faces Using DCGAN	2025	0	0	10.1109/AIMLA63829.2025.11041273	Institute of Electrical and Electronics Engineers Inc.	Conference paper
548	Dr. Raja Prakash.S	Implementing The CS25-1 Algorithm for Multi-Way Distributed Blockchain Security	2025	12	7	10.14445/23488379/IJEEE-V12I7P118	Seventh Sense Research Group	Journal
549	Dr. Raja Prakash.S	Supervised and Unsupervised Learning for Fraud Detection in Banking Transactions	2025			10.1109/ICETEA64585.2025.11099764	Institute of Electrical and Electronics Engineers Inc.	Conference paper

S.No	Author Name	Title	Month/ Year	Volume	Issue	DOI	Publisher	Document Type
550	Dr. Raja Prakash.S	Optimized Bayesian Diagnostic Assistant: Superior Accuracy with Minimal Patient History	2025			10.1109/ICETEA64585.2025.11100067	Institute of Electrical and Electronics Engineers Inc.	Conference paper
551	Dr. Raja Prakash.S	Using convolutional network in graphical model detection of autism disorders with fuzzy inference systems	2025	11	0	10.1016/j.ibmed.2025.100213	Elsevier B.V.	Journal
552	Dr. Raja Prakash.S	Novel model artificial intelligence doctor assistant for intelligent medical support	2025	9	2	10.55214/25768484.v9i2.5005	Learning Gate	Journal
553	Dr. Selvin Ebenezer. S	Secure and High-Fidelity Medical Image Generation: A GAN-based Approach for Steganography	2025			10.1109/IDCIOT64235.2025.10914763	Institute of Electrical and Electronics Engineers Inc.	Conference paper
554	Dr. Selvin Ebenezer. S	Hybrid Deep Learning for ASD Prediction: Integrating Sentiment Analysis and Character-Level Embedding from Tweets and Clinical Data	2025			10.1109/ICDSAA165575.2025.11011691	Institute of Electrical and Electronics Engineers Inc.	Conference paper
555	Dr. Selvin Ebenezer. S	Deep Learning-Based Dermatological Disease Detection Using CNN and Image Processing	2025			10.1109/RMKMATE64874.2025.11042370	Institute of Electrical and Electronics Engineers Inc.	Conference paper
556	Dr. Selvin Ebenezer. S	Context-Based Approach For Multi-Captioning Object Annotation With Inference Knowledge Using Hidden Markov Model	2025			10.1109/ICCC64910.2025.11077187	Institute of Electrical and Electronics Engineers Inc.	Conference paper
557	Dr. Selvin Ebenezer. S	Hybrid elk herd green anaconda-based multipath routing and deep learning-based intrusion detection In MANET	2025	112	0	10.1016/j.pmcj.2025.102079	ELSEVIER	Journal

S.No	Author Name	Title	Month/ Year	Volume	Issue	DOI	Publisher	Document Type
558	Dr. Krishnaveni. N	Implementation and Enhancement of Endogenous Security Mechanisms in Photovoltaic Data Storage and Transmission	2025	5	2	10.53759/7669/jmc202505077	AnaPub Publications	Journal
559	Dr. Krishnaveni. N	Dynamic Music Composition System Using LSTM and Transformer Networks	2025	0	0	10.1109/STCR62650.2025.11020414	Institute of Electrical and Electronics Engineers Inc.	Conference paper
560	Dr. Krishnaveni. N	Improved Machine Learning Systems for Android Device Malware Detection	2025	1296 LNNS	0	10.1007/978-981-96-3314-2_4	Springer Science and Business Media Deutschland GmbH	Conference paper
561	Dr. Krishnaveni. N	XGBoost-Optimized Real-Time Financial Surveillance System for Fraudulent Activity Detection	2025	0	0	10.1109/ICSSAS66150.2025.11080873	Institute of Electrical and Electronics Engineers Inc.	Conference paper
562	Dr. Krishnaveni. N	Machine Learning-based Models for the Early Detection of Autism Spectrum Disorder	2025	1377 LNNS	0	10.1007/978-981-96-5370-6_21	Springer Science and Business Media Deutschland GmbH	Conference paper
563	Dr. Krishnaveni. N	Optimizing Task Offloading in Vehicular Network (OTO): A Game Theory Approach Integrating Hybrid Edge and Cloud Computing	2025	15	1	10.54216/JCIM.150110	American Scientific Publishing Group (ASPG)	Journal
564	Dr. Krishnaveni. N	ANOMALY DETECTION IN NEXT-GEN IOT:GIANT TREVALLY OPTIMIZED LIGHTWEIGHT FORTIFIED ATTENTIONAL CONVOLUTIONAL NETWORK	2025	103	1	0	Little Lion Scientific	Journal

S.No	Author Name	Title	Month/ Year	Volume	Issue	DOI	Publisher	Document Type
565	Dr. Saravanan. M	Introduction to Explainable AI in Healthcare: Enhancing Transparency and Trust	2025			10.1002/9781394249312.ch8	wiley	Book chapter
566	Dr. Saravanan. M	Enhancing Network Lifetime in IoT-Based Wireless Sensor Networks Through MSSA-Driven Cluster Head Optimization	2025			10.1109/ICDT63985.2025.10986511	Institute of Electrical and Electronics Engineers Inc.	Conference paper
567	Dr. Saravanan. M	Leveraging Attention Mechanisms in ResNet101 for Enhanced Facial Emotion Recognition	2025			10.1109/InCACC T65424.2025.11011423	Institute of Electrical and Electronics Engineers Inc.	Conference paper
568	Dr. Saravanan. M	Workplace Stress Detection and Mental Health Prediction Using Machine Learning	2025			10.1109/ICCSP64183.2025.11088739	Institute of Electrical and Electronics Engineers Inc.	Conference paper
569	Dr. Saravanan. M	Non-overlapping spectrum resources: enhancing video quality transmission with FDR-CK algorithm	2025	16	2	10.1007/s12530-024-09653-x	SPRINGER HEIDELBERG	Journal
570	Dr. Karthiyayini. S	Enhancing Classification Performance in Breast Tissue Diagnosis Using TPE-Based Hyperparameter Optimization	2025			10.1109/ICCSP64183.2025.11088705	Institute of Electrical and Electronics Engineers Inc.	Conference paper
571	Dr. Karthiyayini. S	Enhancing Soil Health Monitoring with Edge AI and Secure Cloud-Based DL Models	2025			10.1109/ICISC65841.2025.11188241	Institute of Electrical and Electronics Engineers Inc.	Conference paper
572	Dr. Vijayaraj. M	Stock Movement Analysis	2025			10.1109/ICOCT64433.2025.11118903	Institute of Electrical and Electronics Engineers Inc.	Conference paper
573	Dr. Viswanathan. C	Optimizing Metabolic Health Tracking with SVM Classification and Real-Time IoT Data	2025			10.1109/ICCSP64183.2025.11089292	Institute of Electrical and Electronics Engineers Inc.	Conference paper

S.No	Author Name	Title	Month/ Year	Volume	Issue	DOI	Publisher	Document Type
574	Dr. Viswanathan. C	Creating Market Differentiation with Blue Ocean Strategy for Product Roadmap Success	2025			10.1109/ICCSP64183.2025.11088591	Institute of Electrical and Electronics Engineers Inc.	Conference paper
575	Dr. Viswanathan. C	Advanced Browser Security Extension for Cyber Threat Protection	2025			10.1109/ICCDS64403.2025.11209616	Institute of Electrical and Electronics Engineers Inc.	Conference paper
576	Dr. Viswanathan. C	Hybrid Machine Learning-Based Intrusion Detection System for Cybersecurity in Autonomous Vehicles	2025			10.1109/ICCDS64403.2025.11209720	Institute of Electrical and Electronics Engineers Inc.	Conference paper
577	Dr. Sundar. R	Recommendation learning management system for autism using deep convolutional neural networks and gene expression programming	2025	9	2	10.55214/25768484.v9i2.4625	Learning Gate	Journal
578	Dr. Manikandan. M	DCAT: A Novel Transformer-Based Approach for Dynamic Context-Aware Image Captioning in the Tamil Language	2025	15	9	10.3390/app15094909	MDPI	Journal
579	Dr. Manikandan. M	A deep learning-based method for diabetic retinopathy classification using 1-dimensional complex-valued convolutional neural networks to improve early diagnosis and treatment outcomes	2025			10.1007/s13410-025-01517-7	SPRINGER INDIA	Journal
580	Dr. Selvarathi. C	Cardiac Vascular Disease Prediction Using Stacked Ensemble Algorithm for Type-2 Diabetes Mellitus	2025			10.1109/ICSADL65848.2025.10933070	Institute of Electrical and Electronics Engineers Inc.	Conference paper

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
581	Dr. Selvarathi. C	IoT-Powered Future-Proof Smart Windows: Revolutionizing Modern Lifestyle	2025			10.1109/ICCMC65190.2025.11140753	Institute of Electrical and Electronics Engineers Inc.	Conference paper
582	Dr. SamsudeenShaffi.S	A QHE-Based Security with Duck Swarm Optimized-Routing Topology for Trust and Privacy in Vehicular Ad Hoc Networks	2025			10.1109/ICCPCT65132.2025.11176682	Institute of Electrical and Electronics Engineers Inc.	Conference paper
583	Dr. SamsudeenShaffi.S	Enhanced Medical Image Analysis for Diabetic Eye Disease Detection Using RAM-Net Architecture	2025			10.1109/ICCPCT65132.2025.11176473	Institute of Electrical and Electronics Engineers Inc.	Conference paper
584	Dr. Amirthayogam.G	Hybrid Blockchain and IoT Driven Framework for Supply Chain Optimization by Enhancing Transparency, Efficiency and Cost Reduction	2025			10.1109/ICEARS64219.2025.10940061	Institute of Electrical and Electronics Engineers Inc.	Conference paper
585	Dr. Amirthayogam.G	Deep Learning Based Face Authentication Using Recursive Convolution Neural Network	2025	1397 LNNS		10.1007/978-3-031-90921-4_88	Springer Science and Business Media Deutschland GmbH	Conference paper
586	Dr. Amirthayogam.G	AgriNexus: A Next-Gen IoT-Driven Autonomous Ecosystem for Smart Agriculture	2025			10.1109/ICAISS61471.2025.11041820	Institute of Electrical and Electronics Engineers Inc.	Conference paper
587	Dr. Amirthayogam.G	Advancing Predictive Analytics for Cardiovascular Disease using Machine Learning and Deep Learning	2025			10.1109/ICETEA64585.2025.11099796	Institute of Electrical and Electronics Engineers Inc.	Conference paper
588	Dr. Amirthayogam.G	Hybrid Deep Reinforcement Learning and Federated Convolutional Networks for Energy-Aware Data Transmission in Wireless Sensor Networks	2025			10.1109/ICDICI6477.2025.11135193	Institute of Electrical and Electronics Engineers Inc.	Conference paper

S.No	Author Name	Title	Month/ Year	Volume	Issue	DOI	Publisher	Document Type
589	Dr. Sophiya.E	Audio Tagging – Deep Learning Approach	2025	2423 CCIS		10.1007/978-3-031-88297-5_3	Springer Science and Business Media Deutschland GmbH	Conference paper
590	Dr. Uma Mageswari.R	Implementation and Performance Analysis of Verifiable Random Functions with Additional Data on Various Twisted Edwards Curves	2025			10.1109/ICCTDC64446.2025.11158167	Institute of Electrical and Electronics Engineers Inc.	Conference paper
591	Dr. Arun. G	Citrus Leaf Disease Prediction and Classification using RESNET in Deep Learning	2025			10.1109/OTCON65728.2025.11070450	Institute of Electrical and Electronics Engineers Inc.	Conference paper
592	Dr. Arun. G	Prediction of Chronic Obstructive Pulmonary Disease using CNN-GRU model	2025			10.1109/OTCON65728.2025.11070519	Institute of Electrical and Electronics Engineers Inc.	Conference paper
593	Dr. Arun. G	Machine Learning Model for Student Stress Level Prediction	2025			10.1109/OTCON65728.2025.11070804	Institute of Electrical and Electronics Engineers Inc.	Conference paper
594	Dr. Arun. G	Enhanced Heart Attack Prognosis using Machine Learning Techniques	2025			10.1109/ICSSAS66150.2025.11081247	Institute of Electrical and Electronics Engineers Inc.	Conference paper
595	Dr. Arun. G	Image Forgery Detection using CNN And Siamese Networks	2025			10.1109/ICOECA66273.2025.00169	Institute of Electrical and Electronics Engineers Inc.	Conference paper
596	Dr. Arun. G	Optimization of Solar Energy Systems Using Deep Learning	2025			10.4018/979-8-3373-1434-1.ch011	IGI Global	Book chapter

S.No	Author Name	Title	Month/ Year	Volume	Issue	DOI	Publisher	Document Type
597	Dr. Arun. G	Chronic Kidney Disease Prediction using Light Gradient Boosting Machine	2025			10.1109/ICSCSA66339.2025.11171278	Institute of Electrical and Electronics Engineers Inc.	Conference paper
598	Dr. Arun. G	A Deep Learning-Driven Lung Disease Classification Using CCRBM Algorithm for Future Prognosis and Forecasting	2025			10.1109/ICNGCS64900.2025.11182929	Institute of Electrical and Electronics Engineers Inc.	Conference paper
599	Dr. Arun. G	Early Prediction of Parkinson's Disease Using XGBoost on Multidimensional Clinical and Voice Biomarkers	2025			10.1109/ICNGCS64900.2025.11183550	Institute of Electrical and Electronics Engineers Inc.	Conference paper
600	Dr. Arun. G	Advanced skin lesion segmentation and classification using adaptive contextual GLCM and deep learning hybrid models	2025	30	0	10.1016/j.eij.2025.100706	CAIRO UNIV, FAC COMPUTERS & INFORMATION	Journal
601	Dr. Arun. G	Deep Ensemble 3D CNN Framework for Lung Cancer Detection using CT-Images	2025	0	0	10.1109/ICICKE65317.2025.11136291	IEEE	Conference paper
602	Dr. Sheeja Mary.F	Enhanced Colon Cancer Prediction Using Capsule Networks and Autoencoder-Based Feature Selection in Histopathological Images	2025	16	2	10.14569/IJACS A.2025.0160282	SCIENCE & INFORMATION SAI ORGANIZATION LTD	Journal
603	Dr. Sheeja Mary.F	Explainable Deep Temporal Modeling for Stroke Risk Assessment Using Attention-Based LSTM Networks	2025	16	6	10.14569/IJACS A.2025.0160667	SCIENCE & INFORMATION SAI ORGANIZATION LTD	Journal
604	Dr. Arun Kumar. S	Pneumonia Detection Enhancement Through Diverse Deep Learning Approaches	2025	1278	0	10.1007/978-981-96-2703-5_16	Springer Science and Business Media Deutschland GmbH	Conference paper

S.No	Author Name	Title	Month/ Year	Volume	Issue	DOI	Publisher	Document Type
605	Dr. Arun Kumar. S	A Future Trend On 5g Network Sub-Slicing Techniques For Machine Learning Algorithms	2025	103	13	0	Little Lion Scientific	Journal
606	Dr. Arun Kumar. S	AI Powered Sign Language Detection with a Modern Tech Stack	2025	0	0	10.1109/ICICV64824.2025.11085637	Institute of Electrical and Electronics Engineers Inc.	Conference paper
607	Dr. Arun Kumar. S	An Intelligent Computational Framework for Real Time Micro Moment Detection and Conversion Optimization in Smart Digital Marketing Systems	2025	5	4	10.53759/7669/jmc202505194	AnaPub Publications	Journal
608	Dr. Umanesan	Assessing Students' Perceptions of Academic Quality in Higher Education Using Deep Belief Networks	2025			10.1109/ICICAC65178.2025.10968130	Institute of Electrical and Electronics Engineers Inc.	Conference paper
609	Dr. Umanesan	Advancing HRM with AI Powered Recruitment Performance Management and Employee Engagement Using One Class SVMs	2025			10.1109/ICICAC65178.2025.10968317	Institute of Electrical and Electronics Engineers Inc.	Conference paper
610	Dr. Umanesan	Optimizing Financial Security with Cloud AI: Implementing Deep Q-Network and Transfer Learning for Risk Management and Fraud Detection	2025			10.1109/ESCI63694.2025.10988191	Institute of Electrical and Electronics Engineers Inc.	Conference paper
611	Dr. Umanesan	AI-Driven Security for Enhancing Intrusion Detection in E-Commerce with a Hybrid MaLS-RNN Model	2025			10.1109/INCSST64791.2025.11210398	Institute of Electrical and Electronics Engineers Inc.	Conference paper
612	Dr. Umanesan	Advanced Anomaly Detection in E-Commerce Fraud Prevention Using a Hybrid XGBoost-DNN Model	2025			10.1109/INCSST64791.2025.11210298	Institute of Electrical and Electronics Engineers Inc.	Conference paper

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
613	Dr. Mohamed Anwar. A	Harnessing CNN-LSTM Fusion for Enhanced Crime Forecasting and Temporal Pattern Analysis	2025			10.4018/979-8-3373-1807-3.ch003	IGI Global	Book chapter
614	Dr. Mohamed Anwar. A	A Health-Based Deep Learning System for Rapid and Precise Detection of Acute Lymphoblastic Leukemia	2025	14	4	10.52783/jns.v14.1746	EL-MED-Pub	Journal
615	Dr. Suchitra.S	Deep Learning-Based Face Morphing Detection for Identity Verification	2025	0	0	10.1109/ICSSAS66150.2025.11080828	Institute of Electrical and Electronics Engineers Inc.	Conference paper
616	Dr. Suchitra.S	Optimized Hyperparameter-Tuned Ensemble Model for Heart Disease Prediction Using Enhanced Correlation Techniques	2025	1436 LNNS	0	10.1007/978-981-96-7134-2_25	Springer Science and Business Media Deutschland GmbH	Conference paper
617	Dr. Pragadeeswaran. S	AI-Enhanced Public Safety Lighting for Smart Sustainable Cities Using Cloud Computing	2025			10.1109/ICMSCI62561.2025.10893999	Institute of Electrical and Electronics Engineers Inc.	Conference paper
618	Dr. Pragadeeswaran. S	IoT-Based Transfer Learning and Genetic Algorithm Approaches for Smart Environmental Pollution Detection and Management	2025			10.1109/ICAECT63952.2025.10958851	Institute of Electrical and Electronics Engineers Inc.	Conference paper
619	Dr. Pragadeeswaran. S	Exploring Machine Learning Benefits for Healthcare with AWS Lambda Technology	2025			10.1109/ICCSP64183.2025.11088750	Institute of Electrical and Electronics Engineers Inc.	Conference paper
620	Dr. Pragadeeswaran. S	A Comparative Performance Analysis of Linear Regression Models for House Price Prediction	2025			10.1109/ICCMC65190.2025.11140743	Institute of Electrical and Electronics Engineers Inc.	Conference paper

S.No	Author Name	Title	Month/ Year	Volume	Issue	DOI	Publisher	Document Type
621	Dr. Pragadeeswaran. S	JLeNeT: Jaccard LeNet for Parkinson's disease detection and severity level classification using voice signal in IoT environment	2025			10.1080/0954898X.2025.2453032	TAYLOR & FRANCIS INC	Journal
622	Dr. Ravi. T	Hybrid Deep Learning-Based Radiomics Analysis For Predicting Treatment Response In Pancreatic Cancer Using Multi-Parametric MRI	2025	26	3	0	Scibulcom Ltd.	Journal
623	Dr. Ravi. T	Breast Cancer Detection Using a Graph-Steerable Network and Bio-Inspired Optimization	2025			10.1007/s44174-025-00500-4	Springer Nature	Journal
624	Dr. Ravi. T	Addressing Security Challenges In Decentralized Access Control: A Blockchain And Adaptive Learning Perspective	2025	103	17	0	Little Lion Scientific	Journal
625	Dr. Ravi. T	Applying Transfer Learning to Accelerate Cancer Classification and Prediction	2025			10.1002/9781394270613.ch2	wiley	Book chapter
626	Dr. Boopalan. K	Advanced Facial Emotion Recognition Using DCNN-ELM: A Comprehensive Approach to Preprocessing, Feature Extraction and Performance Evaluation	2025	21	1	10.3844/jcssp.2025.13.24	Science Publications	Journal
627	Dr. Noor Alleema.N	A Secure and Efficient Blockchain-Based Framework for Smart Cities Using Physics-Informed Neural Networks	2025	11	0	10.4108/eetiot.7740	European Alliance for Innovation	Journal
628	Dr. Noor Alleema.N	ZETA (Zonal Encoding for Transformer Adaptation) : Leveraging Transformer Models, RAG, and Graph-Based Approaches for Multilingual Video Summarization	2025	1431 LNNS	0	10.1007/978-981-96-6681-2_30	Springer Science and Business Media Deutschland GmbH	Conference paper

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
629	Dr. Noor Alleema.N	Computation Offloading for Image Compression in Mobile Edge Computing Using a Deep Belief Network Based on the Markov Approximation Algorithm	2025	29	2	10.1007/s11036-023-02221-8	SPRINGER	Journal
630	Dr. Jagadeesh.S	Security for Distributed Deep Neural Networks in Miniature Fingerprint Recognition Utilizing a Genetic Algorithm	2025	12	8	10.14445/23488549/IJECE-V12I8P126	Seventh Sense Research Group	Journal
631	Dr. Jagadeesh.S	Glaucoma Retinal Image Detection through the Segmentation of OD Using Modified Deep Learning Method	2025	11	0	10.4108/eetiot.10062	European Alliance for Innovation	Journal
632	Dr. Jagadeesh.S	Assessment of CatBoost for Diabetes Prevention in Comparison to XGBoost: AI model capable of predicting the onset of diabetes	2025	11	0	10.4108/eetiot.5880	European Alliance for Innovation	Journal
633	Dr. Singaravelan. M	A hybrid features based malevolent domain detection in cyberspace using machine learning	2025	14	3	10.11591/ijaas.v14.i3.pp916-927	Intelektual Pustaka Media Utama	Journal
634	Dr. Singaravelan. M	Exploring Cancer Therapeutics: A Collection of Case Studies	2025			10.1002/9781394270613.ch5	wiley	Book chapter
635	Dr. Sriman. B	Understanding Explainability in Medical Imaging	2025			10.1002/9781394249312.ch22	wiley	Book chapter
636	Dr. Sriman. B	Blockchain-based Energy Trading Platform for P2P Renewable Energy Sharing	2025			10.1109/ICCMC65190.2025.11140862	Institute of Electrical and Electronics Engineers Inc.	Conference paper
637	Dr. Sriman. B	Comprehensive Approaches to Survival Analysis and Prognostic Modeling in Cancer Research: Integrating Statistical Techniques, and Clinical Variables	2025			10.1002/9781394270613.ch4	wiley	Book chapter

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
638	Dr. Sriman. B	3D E-commerce Using AI Depth Algorithm Augmented Reality	2025	1281 LNEE	0	10.1007/978-981-97-8422-6_30	Springer Science and Business Media Deutschland GmbH	Conference paper
639	Dr. Ganeshan. R	Intelligent waste management in smart cities: Technologies, challenges, and future prospects	2025			10.4018/979-8-3373-0761-9.ch004	IGI Global	Book chapter
640	Dr. Ganeshan. R	Ubiquitous Computing: The Future of Invisible and Seamless Technology Integration	2025			10.1109/ICESC65114.2025.11212292	Institute of Electrical and Electronics Engineers Inc.	Conference paper
641	Dr. Ganeshan. R	JOOBO: Deep Learning with Jaya One-to-One Optimization Based Breast Cancer Detection by Histopathological Images	2025			10.1007/s40998-025-00969-1	SPRINGER INT PUBL AG	Journal
642	Dr. Hariharasudhan. S	Mining Reviews for Meaning: Understanding Customer Feedback with Data	2025			10.1109/ICCPCT65132.2025.11176701	Institute of Electrical and Electronics Engineers Inc.	Conference paper
643	Dr. Thangaraj. E	ENHANCED ENERGY EFFICIENCY AND POWER ANALYSIS IN SOFTWARE-DEFINED NETWORKS THROUGH MALICIOUS SWITCH DETECTION	2025	103	13	0	Little Lion Scientific	Journal
644	Dr. Barkathulla. A	Dietary Patterns Analysis for Obesity Prevention with IoT and LSTM Networks	2025			10.1109/ICISCN64258.2025.10934351	Institute of Electrical and Electronics Engineers Inc.	Conference paper
645	Dr. Barkathulla. A	AI-Powered Real-Time Big Data Analytics for ICU Resource Management	2025			10.1109/ICVADV63329.2025.10961275	Institute of Electrical and Electronics Engineers Inc.	Conference paper
646	Dr. Barkathulla. A	Cloud-Based AI Robotics for Precision Pruning of Fruit Trees to Improve Sustainable Farming	2025			10.1109/ISACC65211.2025.10969274	Institute of Electrical and Electronics Engineers Inc.	Conference paper

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
647	Dr. Barkathulla. A	Blockchain-Enabled Collaborative Threat Intelligence in IoT Security Using a Hybrid Neural Network Model	2025	6	3	10.47857/irjms.2025.v06i03.04288	Iqz Galaxy Publisher	Journal
648	Dr. Poovayar Priya. M	A Review of Deep Learning-Based Feature Extraction Techniques for Iris Image Analysis	2025	49	21	10.31449/inf.v49i21.6346	Slovene Society Informatika	Review
649	Dr. Mohamed Mallick. M. S	Exploring Consumer Behavior in E-Commerce with AI Personalization and Market Trends Analysis Models	2025			10.1109/ICICAC S65178.2025.10967904	Institute of Electrical and Electronics Engineers Inc.	Conference paper
650	Dr. Mohamed Mallick. M. S	Hybrid Machine Learning Integration with Task Scheduling Algorithms in Cloud Environments	2025			10.1109/GINOT ECH63460.2025.11076672	Institute of Electrical and Electronics Engineers Inc.	Conference paper
651	Dr. Mohamed Mallick. M. S	Intelligent DDoS Attack Detection in 6G Cloud Networks Using a CNN-GRU Hybrid Model	2025			10.1109/GINOT ECH63460.2025.11076757	Institute of Electrical and Electronics Engineers Inc.	Conference paper
652	Dr. Mohamed Mallick. M. S	The Impact of AI Tools on Enhancing EFL Learners' Engagement in Higher Education Using HubSVM Models	2025			10.1109/GINOT ECH63460.2025.11076951	Institute of Electrical and Electronics Engineers Inc.	Conference paper
653	Dr. Mohamed Mallick. M. S	Design and Optimization of THz Refractive Index Diamond Shaped Hollow Core Biosensor for Brain Tissue Detection and Behaviour Prediction	2025	14	3	10.1149/2162-8777/adb991	ELECTROCHEMICAL SOC INC	Journal
654	Dr. Mohamed Mallick. M. S	Advanced Graphene Based AI Guided Multilayered Metasurface Sensor for High-Sensitivity Terahertz Brain Tumor Diagnosis in Liquid Biopsy	2025	172	6	10.1149/1945-7111/adde8b	ELECTROCHEMICAL SOC INC	Journal

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
655	Dr. Mohamed Mallick. M. S	Nadam-Swarm Based Adaptive Routing Protocol Using Graph Equivariant Network for Seamless Data Transmission in 5G-Connected Wireless Sensor Networks	2025	8	4	10.1002/itl2.70048	JOHN WILEY & SONS LTD	Journal
656	Dr. Mohamed Mallick. M. S	Integration of Neural Architecture Search With Fuzzy Deep Neural Network Model for Emotion AI in Public Health Emergencies	2025			10.1109/TCSS.2025.3611241	IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC	Journal
657	Dr. Vinoth Kumar. E. S	A Unified Deep Learning Model for Fake Account Identification using Transformer-based NLP and Graph Neural Networks	2025			10.1109/ICICT64420.2025.11005045	Institute of Electrical and Electronics Engineers Inc.	Conference paper
658	Dr. Vinoth Kumar. E. S	Machine learning-driven development of a behaviour-based student classification system (SCS-B) for enhanced educational analytics	2025	15	1	10.1038/s41598-025-21332-8	NATURE PORTFOLIO	Journal
659	Dr. Pushpa Rani. S	Diabetic retinopathy detection based on mobile maxout network and weber local descriptor feature selection using retinal fundus image	2025	15	1	10.1038/s41598-025-97675-z	NATURE PORTFOLIO	Journal
660	Dr. Vidhyasagar. B. S	A Comprehensive Review of Medical Image Captioning: Techniques, Challenges, and Future Directions	2025	2434 CCIS	0	10.1007/978-3-031-84602-1_11	Springer Science and Business Media Deutschland GmbH	Conference paper
661	Dr. Vidhyasagar. B. S	Landslide Detection with Multi-Spectral Satellite Imagery and Image Segmentation	2025			10.1109/ICESC65114.2025.11212633	Institute of Electrical and Electronics Engineers Inc.	Conference paper

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
662	Dr. Thilagam. T	Transforming hospitality management through intelligent systems and immersive technologies	2025			10.4018/979-8-3693-8769-6.ch011	IGI Global	Book chapter
663	Dr. Thilagam. T	Advancing sustainable development through green economics	2025			10.4018/979-8-3373-3246-8.ch003	IGI Global	Book chapter
664	Dr. Thilagam. T	Artificial intelligence in personalized education: Revolutionizing learning paths and student engagement	2025			10.4018/979-8-3373-5097-4.ch016	IGI Global	Book chapter
665	Dr. Thilagam. T	The Role of Artificial Intelligence in Transforming Supply Chain Management	2025			10.4018/979-8-3373-0923-1.ch011	IGI Global	Book chapter
666	Dr. Thilagam. T	Neuro-Fuzzy Systems: A Study of Architectures, Applications, and Future Directions	2025			10.1109/ICSCSA66339.2025.11170752	Institute of Electrical and Electronics Engineers Inc.	Conference paper
667	Dr. Thilagam. T	Machine Learning and Computational Intelligence for Smart Healthcare: Advancing Diagnosis and Treatment	2025			10.4018/979-8-3373-3311-3.ch004	IGI Global	Book chapter
668	Dr. Thilagam. T	NLP and Machine Learning Innovations in Education: Transforming Learning and Personalization	2025			10.4018/979-8-3373-6791-0.ch004	IGI Global	Book chapter
669	Dr. Thilagam. T	Transforming Education with NLP and Machine Learning: Innovations, Applications, and Future Prospects	2025			10.4018/979-8-3373-6791-0.ch010	IGI Global	Book chapter
670	Dr. Thilagam. T	Internet of Things (IoT) in Urban Development: Applications, Challenges, and Future Research Directions	2025			10.4018/979-8-3373-3166-9.ch011	IGI Global	Book chapter

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
671	Dr. Thilagam. T	Harnessing Deep Learning for a Smarter and Sustainable Food Industry	2025			10.4018/979-8-3693-9884-5.ch004	IGI Global	Book chapter
672	Dr. Thilagam. T	Machine Learning for a Smarter Food Industry: Trends, Challenges, and Innovations	2025			10.4018/979-8-3693-9884-5.ch003	IGI Global	Book chapter
673	Dr. Thilagam. T	Next- Generation Medical Intelligence: Harnessing Federated Learning and Collaborative AI for Healthcare Innovation	2025			10.4018/979-8-3373-3306-9.ch010	IGI Global	Book chapter
674	Dr. Thilagam. T	Collaborative Health Intelligence: Federated Learning and the Future of AI- Driven Medical Care	2025			10.4018/979-8-3373-3306-9.ch004	IGI Global	Book chapter
675	Dr. Thilagam. T	Key Drivers of Change in Industry 4.0: AI, IoT, Robotics, and Big Data	2025			10.4018/979-8-3373-2985-7.ch011	IGI Global	Book chapter
676	Dr. Thilagam. T	Optimizing Production Through Sensors, Data Analytics, and Real-Time Information Flow	2025			10.4018/979-8-3373-2985-7.ch012	IGI Global	Book chapter
677	Dr. Thilagam. T	A HYBRID APPROACH FOR INTRUSION DETECTION AND PRE VENTION IN MOBILE AD HOC NETWORKS	2025	103	3	0	Little Lion Scientific	Journal
678	Dr. Thilagam. T	Enhancing swimming pool hygiene: A robotic approach to debris removal and water quality monitoring	2025	22	2	10.36922/ajwep.6564	Accscience Publishing	Journal
679	Dr. Thilagam. T	Green Data Centers: Advancing Sustainability in the Digital Era	2025			10.1109/ICTMI M65579.2025.10988439	IEEE	Conference paper

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
680	Dr. Shargunam.S	Optimized Dual-Attention Convolutional Neural Networks for Hybrid Beamforming and High-Precision Channel Estimation in 5G Massive MIMO Wireless Communications Systems	2025	8	6	10.1002/itl2.70129	JOHN WILEY & SONS LTD	Journal
681	Dr. Arun Shalin. L. V	Graph Neural Networks for Modelling Structural and Functional Dependencies in Smart Cyber Physical Systems	2025	5	4	10.53759/7669/jmc202505199	AnaPub Publications	Journal
682	Dr. Azath.H	Sustainable Industrial Symbiosis using IoT and Gradient Boosting for Efficient Waste Management	2025			10.1109/ICMCSI64620.2025.10883185	Institute of Electrical and Electronics Engineers Inc.	Conference paper
683	Dr. Azath.H	Intelligent Eye Strain Relief Glasses using IoT and Naive Bayes Solutions for Digital Wellness	2025			10.1109/ESIC64052.2025.10962598	Institute of Electrical and Electronics Engineers Inc.	Conference paper
684	Dr. Azath.H	Cloud-Powered SVM Solutions for Automated Monitoring and Intervention of ADHD Symptoms	2025			10.1109/AMATH E65477.2025.11081186	Institute of Electrical and Electronics Engineers Inc.	Conference paper
685	Dr. Azath.H	LC-VVC: Design of Low-Cost Versatile Video Coding Standard Based on Optimized Motion Estimation and Transform Blocks	2025	44	12	10.1007/s00034-025-03212-8	SPRINGER BIRKHAUSER	Journal
686	Dr. Hemalatha.P	Stability Analyses of a Multifunctional PV and Battery Integrated UPQC System	2025			10.1109/ICCMC65190.2025.11140630	Institute of Electrical and Electronics Engineers Inc.	Conference paper

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
687	Dr. Hemalatha.P	A VISUAL-ACOUSTIC MODELING FRAMEWORK FOR ROBUST DYSARTHIC SPEECH RECOGNITION USING SYNTHETIC VISUAL AUGMENTATION AND TRANSFER LEARNING	2025	167	A2(s)	10.5750/ijme.v167iA2(S).1634	UNIV BUCKINGHAM PRESS	Journal
688	Dr. Hemalatha.P	The secured authentication system: Integrated cyber security end-to-end based cyber-physical systems for improved DevOps resilience with authentication	2025	28	5	10.47974/JDMSC-2365	TARU PUBLICATIONS	Journal
689	Dr. Sivaramakrishnan.R	Leveraging ARIMA and Prophet Models for Effective Sales Forecasting and Inventory Management	2025			10.1109/ICSSAS66150.2025.11081351	Institute of Electrical and Electronics Engineers Inc.	Conference paper
690	Dr. Sivaramakrishnan.R	Evaluation of Improved Swin-UNetAlgorithm for Precise Automated Image Segmentation in the Renal Tumour Resection	2025			10.1109/ICCD64403.2025.11209089	Institute of Electrical and Electronics Engineers Inc.	Conference paper
691	Dr. Sivaramakrishnan.R	Literature Survey on AI-Based and Traditional Methods for Kidney Tumor Segmentation: A Comparative Performance Evaluation	2025			10.1109/ICCD64403.2025.11209462	Institute of Electrical and Electronics Engineers Inc.	Conference paper
692	Hussain.A	Enhancing the Throughput in 802.11 by Modifying the Minstrel Algorithm	2025			10.1109/ICIRCA65293.2025.11089676	Institute of Electrical and Electronics Engineers Inc.	Conference paper
693	Hussain.A	Early Identification of Coconut Leaf Diseases using Inception V3 for Precision Agriculture	2025			10.1109/ICSCSA66339.2025.11170714	Institute of Electrical and Electronics Engineers Inc.	Conference paper
694	Dr. Arogya Presskila.X	A Hybrid Learning-Based Q-Commerce Framework Evolving from E-Commerce	2025			10.1109/ICMLAS64557.2025.10968475	Institute of Electrical and Electronics Engineers Inc.	Conference paper

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
695	Dr. Arogya Presskila.X	3D Resnet-18 Based Deep Convolutional Network for Automated Stroke Detection in Volumetric CT Scans	2025			10.1109/ICICI65870.2025.11069487	IEEE	Conference paper
696	Dr. Sakthivelu.U	Enhanced Cyberthreat Detection and Classification with CMCOADL-TDC Using Deep Learning and Optimization Techniques	2025	32	3	10.17559/TV-20240619001788	UNIV OSIJEK, TECH FAC	Journal
697	Dr. Sakthivelu.U	GIS, remote sensing, and machine learning for identifying optimal locations for seawater intake and brine disposal in coastal desalination systems	2025	323	0	10.1016/j.dwt.2025.101355	ELSEVIER SCIENCE INC	Journal
698	Dr. Vinuja. G	Improved Detection of Early Diabetic Retinopathy using Contrast Limited Adaptive Histogram Equalization and Principal Component Analysis with Bag of Visual Words based SVM	2025			10.1109/ICICKE65317.2025.11136603	IEEE	Conference paper
699	Dr. Vinuja. G	A New Framework of Software Defined Enabled Networks with VGG-16 Net based BAT Technique for VANET	2025			10.1109/ICICKE65317.2025.11136644	IEEE	Conference paper
700	Dr. Vinuja. G	Development and Validation of ANN Models for Water Absorption in Sawdust and Kenaf Fiber-Reinforced Polystyrene Composites	2025	7	9	10.1002/eng2.70393	WILEY	Journal
701	Dr. Hafizur Rahman	A Fog-Based Smart Semantic Web Approach to support Heterogeneity and Quality of Service in IoT	2025			10.1080/03772063.2025.2588642	TAYLOR & FRANCIS LTD	Journal

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
702	Dr. Vivek Pandiya Raj	Cybersecurity in Agriculture 5.0: Monitoring Agricultural Threats Through Digital Twin Technology	2025			10.4018/979-8-3373-7077-4.ch008	IGI Global	Book chapter
703	Dr. Vivek Pandiya Raj	Smart Dining: AI-Powered Innovations Shaping Customer Experience in the Food Industry	2025			10.4018/979-8-3693-9884-5.ch008	IGI Global	Book chapter
704	Dr. Vivek Pandiya Raj	COA-SSD: A novel chaotic optimization algorithm for enhancement of real-time video surveillance images using single shot detector with MobileNetV2	2025	7	0	10.1016/j.sasc.2025.200417	ELSEVIER	Journal
705	Dr. Sudharson.K	Intrusion Detection in Wireless Ad Hoc Networks Using Advanced Graph Theory Models	2025	12	3	10.14445/23488549/IJECE-V12I3P120	Seventh Sense Research Group	Journal
706	Dr. Sudharson.K	Hybrid CNN-ViT Ensemble for Enhanced Ear Disease Classification	2025			10.1109/AIMLA63829.2025.11041548	Institute of Electrical and Electronics Engineers Inc.	Conference paper
707	Dr. Sudharson.K	SwinTrOCR: A Transformer-Based Approach for High-Accuracy Tamil Text Recognition	2025			10.1109/AIMLA63829.2025.11041358	Institute of Electrical and Electronics Engineers Inc.	Conference paper
708	Dr. Sudharson.K	Quantum-Secure Predictive Maintenance Framework for Future VANET-Based Smart Transportation Systems	2025	12	6	10.14445/23488379/IJEEE-V12I6P104	Seventh Sense Research Group	Journal
709	Dr. Sudharson.K	Meta-Learning Empowered Feedback-Driven Recommender System for Personalized Nutrition Optimization	2025	1433 LNEE	0	10.1007/978-981-96-7214-1_7	Springer Science and Business Media Deutschland GmbH	Conference paper
710	Dr. Sudharson.K	Heart Health Revolution: An Ensemble Approach to Predicting Cardiovascular Disease	2025			10.1109/ICCD64403.2025.11209628	Institute of Electrical and Electronics Engineers Inc.	Conference paper

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
711	Dr. Sudharson.K	Strategic Leadership in Autonomous Vehicle Integration for Enhanced Urban Mobility	2025			10.1109/ICCDS64403.2025.11209717	Institute of Electrical and Electronics Engineers Inc.	Conference paper
712	Dr. Sudharson.K	Innovative Management Approaches to IoT Networks for Sustainable Smart Homes	2025			10.1109/ICCDS64403.2025.11208977	Institute of Electrical and Electronics Engineers Inc.	Conference paper
713	Dr. Sudharson.K	Automated Image Classification for Leaf Disease Detection Using Deep Learning Techniques	2025			10.1109/ICCDS64403.2025.11209004	Institute of Electrical and Electronics Engineers Inc.	Conference paper
714	Dr. Sudharson.K	Strategic Leadership in Educational Technology for Enhanced Learning Outcomes and Market Growth	2025			10.1109/ICCDS64403.2025.11209572	Institute of Electrical and Electronics Engineers Inc.	Conference paper
715	Dr. Sudharson.K	Quantum-enhanced LSTM for predictive maintenance in industrial IoT systems	2025	15	0	10.1016/j.mex.2025.103653	ELSEVIER	Journal
716	Dr. Natteshan.N.V.S	Software-Defined Networking: Transforming Modern Networks With Scalability, Automation, and Emerging Technologies	2025			10.1109/ICESC65114.2025.11212221	Institute of Electrical and Electronics Engineers Inc.	Conference paper
717	Dr. Amu.D	An Optimized Deep Learning-Based Smart Parking Mechanism for Smart City Environment	2025	18	1	10.1007/s44196-025-01030-z	SPRINGERNATURE	Journal
718	Dr. Amu.D	Efficiency of a smart parking system in privacy-preserving using multi transaction mode consortium blockchain	2025	15	1	10.1038/s41598-025-26482-3	NATURE PORTFOLIO	Journal
719	Dr. Deepa.K	FUZZY DECISION SUPPORT SYSTEM IN REAL-TIME FOR BIOMEDICAL INTERNET OF THINGS MANAGEMENT IN HEALTHCARE ENVIRONMENTS	2025	26	4	0	Scibulcom Ltd.	Journal

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
720	Dr. Deepa.K	AI Driven Inventory Optimization Framework Using Deep Learning and Metaheuristic Algorithms	2025	14	4	10.14419/vp1ee47	Science Publishing Corporation Inc.	Journal
721	Dr. Deepa.K	Quantum Dot-Assisted Hybrid Plasmonic Photonic Crystal Fiber Biosensor for Ultra-Sensitive Multi-Biomarker Detection in Personalized Healthcare	2025	0	0	10.1007/s11468-025-03323-7	SPRINGER	Journal
722	Dr. Lokeshwaran.K	Benchmarking Transformer Models Against Classical Approaches for Fake Review Detection on the Deceptive Opinion Spam Corpus	2025	7	3	10.55151/ijeedu.v7i3.334	Three E Science Institute	Journal
723	Dr. Manjula.S	Mathematically Modified Deep Learning Model Assisted Handwritten Digit Recognition for Intelligent Document Processing Systems	2025	5	4	10.53759/7669/jmc202505204	AnaPub Publications	Journal
724	Dr. Manjula.S	Convolutional Neural Network for Advanced Intrusion Detection for Data Balancing on System Efficiency	2025	0	0	10.1109/ICCMC65190.2025.11140907	Institute of Electrical and Electronics Engineers Inc.	Conference paper
725	Dr. Manjula.S	Nonlinear clustering optimization for scalable data mining in cloud and quantum computing environments	2025	8	3	10.31838/rna/2025.08.03.008	Erdal Karapinar	Journal
726	Sankar Ganesh. K	Optimizing Tomato Leaf Disease Identification Using a Hybrid Spatial-Temporal Model and Attention Mechanism	2025	2426 CCIS	0	10.1007/978-3-031-86296-0_8	Springer Science and Business Media Deutschland GmbH	Conference paper

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
727	Dr. Sajeev Ram. A	Empowering Autonomous Vehicles to Make Challenging Options in Unexpected Circumstances with Hybrid Learning	2025	0	0	10.1109/ICSCDS65426.2025.11167771	Institute of Electrical and Electronics Engineers Inc.	Conference paper
728	Dr. Sajeev Ram. A	Segmentation and classification of brain tumour with optimisation enabled deep learning using MRI images	2025	26	1	10.1504/IJBIC.2025.148389	INDERSCIENCE ENTERPRISES LTD	Journal
729	Dr. V.Murugan	Malicious user classification in cognitive 5G networks using novel improved bidirectional encoder representations from transformers model	2025	15	1	10.1038/s41598-025-19156-7	NATURE PORTFOLIO	Journal
730	Dr. Thiyagu.T	Advanced intrusion detection in internet of things-driven health care with adaptive generative vision transformer network and generative vision transformers	2025	67	12	10.1007/s10115-025-02566-4	SPRINGER LONDON LTD	Journal
731	Dr. Kausalya.K	Improved Urban AODV Routing with Distributed Semi-Clustering Protocol for Vehicular Adhoc Network	2025	0	0	10.1109/ICFTS62006.2025.11031631	Institute of Electrical and Electronics Engineers Inc.	Conference paper
732	Dr. Kausalya.K	An optimized deep learning approach for detection and classification of player actions in football game	2025	55	0	10.1016/j.entcom.2025.101003	ELSEVIER SCI LTD	Journal
733	Dr. Jothiaruna.N	Artificial intelligence for food safety: From predictive models to real-world safeguards	2025	163	0	10.1016/j.tifs.2025.105153	ELSEVIER SCIENCE LONDON	Review

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
734	Dr. Rajalingam.B	A modified sol-gel synthesis protocol for high-quality ZnSnO <sub>3</sub> thin films with enhanced electrical and optical properties for energy and sensor applications	2025	15	0	10.1016/j.mex.2025.103629	ELSEVIER	Journal
735	Dr. Ramkumar.K	Throughput and load balancing optimization in heterogeneous networks using Red-Tailed Hawk Algorithm	2025	15	1	10.1038/s41598-025-14389-y	NATURE PORTFOLIO	Journal
736	Dr. Ramkumar.K	Deep Learning-Driven Multi-Objective Clustering for Neuroblastoma Omics Data with NSGA-II	2025				Scientia Publishing House	Journal
737	Dr. Bharath E	An Attention-Based CNN and Transfer Learning Approach for Accurate Skin Lesion Classification	2025			10.1109/ICDICI66477.2025.11135262	Institute of Electrical and Electronics Engineers Inc.	Conference paper
738	Dr. Senthil Murugan.V	A Building Extraction Framework from High Resolution Remote Sensing Imagery Using Morphological Spatial Pattern Analysis	2025	54	1	10.1007/s12524-025-02295-9	SPRINGER	Journal
739	Dr. Pandiaraja. P	Enhancing medical practice with AI innovations in diagnostics and treatment	2025			10.1201/9781032618173-9	CRC Press	Book chapter
740	Dr. Pandiaraja. P	An Innovative Method to Detect Cyberbullying on Social Media	2025			10.1109/ICEARS64219.2025.10940598	Institute of Electrical and Electronics Engineers Inc.	Conference paper
741	Dr. Pandiaraja. P	An Analysis of Face based eCrime Identification using First Information Report	2025			10.1109/ICEARS64219.2025.10941271	Institute of Electrical and Electronics Engineers Inc.	Conference paper

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
742	Dr. Pandiaraja. P	Secured Mobile Attendance Management System Integrating Multi-Layered Authentication	2025			10.1109/ICOEI65986.2025.11013600	Institute of Electrical and Electronics Engineers Inc.	Conference paper
743	Dr. Pandiaraja. P	Analysis of Biomedical Images Through Deep Learning Model for the Identification of Diseases	2025			10.1109/ICAISS61471.2025.11042076	Institute of Electrical and Electronics Engineers Inc.	Conference paper
744	Dr. Selvarathi. C	Enhance User Authentication via Deep Learning on Face and Periocular Biometrics	2025			10.1109/ICSCDS65426.2025.11167738	Institute of Electrical and Electronics Engineers Inc.	Conference paper
745	Dr. Pandiaraja. P	A Deep Learning Based Framework for Automated Freshness and Quality Assessment in Agricultural Produce	2025			10.1109/ICIMIA67127.2025.11200639	Institute of Electrical and Electronics Engineers Inc.	Conference paper
746	Ganesan. R	Digital Evidence Management: Modern Techniques in Digital Forensics	2025			10.1109/ICEARS64219.2025.10941484	Institute of Electrical and Electronics Engineers Inc.	Conference paper
747	Usha. V	Real-Time GPS Tracking and Health Monitoring for Animals Using IoT and Mobile Application	2025			10.1109/ICMLAS64557.2025.10968249	Institute of Electrical and Electronics Engineers Inc.	Conference paper
748	Usha. V	Automated Data Analyser using Generative AI	2025			10.1109/ICOEI65986.2025.11013368	Institute of Electrical and Electronics Engineers Inc.	Conference paper
749	Usha. V	DiaFSHT: A Scalable Approach For Optimized Diabetes Prediction Through Metaheuristic Learning	2025	28	2	10.51470/jez.2025.28.2.1341	Prof (Dr.) P. R. Yadav	Journal

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
750	Usha. V	Enhancing Diabetes Diagnosis with Confidence-Calibrated Adaptive Weighting and Multi-Model Ensemble Framework	2025	7	4	10.54392/irjmt25415	Asian Research Association	Journal
751	Usha. V	A novel framework for diabetic risk prediction using SCAW-Net integrated with TabNet architecture	2025	29	2	10.1080/10255842.2025.2566962	Taylor and Francis Ltd.	Journal
752	Usha. V	ETL-POXGB: A Novel Classification Framework Combining Etl Data Integration, Ensemble Feature Selection, And Pso Optimization	2025	103	4	0	Little Lion Scientific	Journal
753	Shyamala Kumari. C	Hyperspectral target detection in wetlands: An AI/ML based anomaly detection approach	2025			10.1201/9781003650010-88	CRC Press	Book chapter
754	Shyamala Kumari. C	A Hybrid CNN-RFE Approach for Early Lung Cancer Risk Assessment from Medical Imaging	2025			10.1109/ICSCDS65426.2025.11167712	Institute of Electrical and Electronics Engineers Inc.	Conference paper
755	Shyamala Kumari. C	A Robust Ensemble Learning Framework for High-Precision Diagnosis of Pulmonary Diseases using CT Imaging	2025			10.1109/ICSSA66339.2025.11171422	Institute of Electrical and Electronics Engineers Inc.	Conference paper
756	Shyamala Kumari. C	Efficient NetV2 for Lung Disease Diagnosis and Treatment by Harnessing the Synergy of Verifiable Convolutional Neural Network optimized with Nutcracker Optimizer Algorithm	2025	113	0	10.1016/j.bspc.2025.108725	ELSEVIER SCI LTD	Journal
757	Hemalatha. D	Machine Learning Models in Breast Cancer Prediction: Performance Evaluation and Insights	2025			10.1109/ICSSAS66150.2025.11081295	Institute of Electrical and Electronics Engineers Inc.	Conference paper

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
758	Ignatious K Pious	An Intelligent Prognostication Framework for Lung Cancer Prediction via K-Nearest Neighbors (KNN) Algorithm	2025	1208	0	10.1007/978-981-96-0185-1_34	Springer Science and Business Media Deutschland GmbH	Conference paper
759	Ignatious K Pious	Leveraging Data Analytics for Informed Decision-Making in Process Management	2025			10.4018/979-8-3373-3336-6.ch008	IGI Global	Book chapter
760	Umamaheswari. R	Optimizing Crop Recommendation System Using Threshold and Decision-Level Fusion	2025			10.1109/ICMSCI62561.2025.10894701	Institute of Electrical and Electronics Engineers Inc.	Conference paper
761	Umamaheswari. R	Empowering Precise Crop Recommendation System by Accompanying Tree Covariance Matrix-Parallel Random Forest Classifier	2025	7	2	10.54392/irjmt2525	Asian Research Association	Journal
762	Umamaheswari. R	A UNIFIED FRAMEWORK FOR CROP RECOMMENDATION: INTEGRATING MACHINE LEARNING AND FEATURE SELECTION FOR ENHANCED ACCURACY AND COMPUTATIONAL EFFICIENCY	2025	26	5	0	Scibulcom Ltd.	Journal
763	Umamaheswari. R	Pneumonia Detection using Sequential Deep Learning	2025			10.1109/ICSCSA66339.2025.11171359	Institute of Electrical and Electronics Engineers Inc.	Conference paper
764	Hannah. S	Traffic Congestion Estimation using YOLO Transfer Learning	2025			10.1109/ICPCSN65854.2025.11035667	Institute of Electrical and Electronics Engineers Inc.	Conference paper

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
765	Hannah. S	Machine Learning and Security Fake Email Detection and Intrusion Detection	2025			10.1109/INCET64471.2025.11140784	Institute of Electrical and Electronics Engineers Inc.	Conference paper
766	Rajesh. G	Enhancing rheumatoid arthritis detection through multimodal segmentation with Regularized Parametric ReLU in deep networks	2025			10.1080/1448837X.2025.2553935	Taylor and Francis Ltd.	Journal
767	Dharma Teja. M	Password Manager with Multi-Factor Authentication	2025			10.1109/ICOCT64433.2025.11118677	Institute of Electrical and Electronics Engineers Inc.	Conference paper
768	Dharma Teja. M	Secure and Energy Efficient Clustering and Routing Using Multi-Objective Trust Aware Cosine Tasmanian Devil Optimization Algorithm in WSN	2025	18	1	10.22266/ijies2025.0229.36	Intelligent Network and Systems Society	Journal
769	Ashok Kumar. V	Design and Analysis of Smart Health Care Predictions Using Machine Learning	2025			10.1109/ICMLAS64557.2025.10968540	Institute of Electrical and Electronics Engineers Inc.	Conference paper
770	Ashok Kumar. V	Dynamic IoT Protocol Adaptation for Smart Home Systems with Diverse Device Ecosystems	2025			10.1109/ICOEI65986.2025.11013089	Institute of Electrical and Electronics Engineers Inc.	Conference paper
771	Ashok Kumar. V	An Extensive Survey on Internet of Things(IoT) Security, Risk factors, Trust Management, Security Protocols and Machine Learning Techniques	2025			10.1109/ICCRTE64519.2025.11053060	Institute of Electrical and Electronics Engineers Inc.	Conference paper
772	Ashok Kumar. V	Advanced Curriculum-Based Abstractive Text Summarization with T5 Language Model and Reinforcement Learning	2025			10.1109/ICCRTE64519.2025.11052974	Institute of Electrical and Electronics Engineers Inc.	Conference paper

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
773	Ashok Kumar. V	Intelligence Safety Detection and Hazard Monitoring using YOLO Algorithm	2025			10.1109/ICSSAS66150.2025.11081352	Institute of Electrical and Electronics Engineers Inc.	Conference paper
774	Ashok Kumar. V	Combined Deep Learning Framework With Selective Features for Botnet Attack Detection in Internet of Things	2025	41	6	10.1111/coin.70157	John Wiley and Sons Inc	Journal
775	Ashok Kumar. V	Integrating AI with Advanced Hyperspectral Imaging for Enhanced Classification of Selected Gastrointestinal Diseases	2025	12	8	10.3390/bioengineering12080852	MDPI	Journal
776	Prabakaran. K	Real-Time Detection of Rice Bacterial Blight using Remote Sensing and Deep Learning	2025			10.1109/ICEARS64219.2025.10941659	Institute of Electrical and Electronics Engineers Inc.	Conference paper
777	Prabakaran. K	Sustainable Industrial Waste Heat Recovery Systems using IoT and Gradient Boosting Machines	2025			10.1109/AMATH E65477.2025.11080906	Institute of Electrical and Electronics Engineers Inc.	Conference paper
778	Prabakaran. K	Optimizing Electrical Equipment Maintenance using Data Mining and Principal Component Analysis	2025			10.1109/ICSCSA66339.2025.11170904	Institute of Electrical and Electronics Engineers Inc.	Conference paper
779	Prabakaran. K	Enhancing Medical Billing Transparency with Blockchain and Random Forest Based Fraud Detection	2025			10.1109/ICIMIA67127.2025.11200762	Institute of Electrical and Electronics Engineers Inc.	Conference paper
780	Beulah Jabaseeli. N	Brain Tumor Detection Using Deep Learning Techniques	2025			10.1109/RMKMATE64874.2025.11042498	Institute of Electrical and Electronics Engineers Inc.	Conference paper
781	Beulah Jabaseeli. N	Smart Medplant: A Hybrid Deep Learning And Random Forest Model For Geotagged Medicinal Plant Detection	2025	103	19	0	Little Lion Scientific	Journal

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
782	Jaganraja. V	FogMedX-Transform: A Transformer-based Task Interoperability Framework for Energy-Efficient Fog-Enabled IoMT	2025			10.1109/ICICT64420.2025.11005124	Institute of Electrical and Electronics Engineers Inc.	Conference paper
783	Jaganraja. V	Satellite Imagery Segmentation for Urban and Environmental Insights	2025			10.1109/ICDICI66477.2025.11135185	Institute of Electrical and Electronics Engineers Inc.	Conference paper
784	Jaganraja. V	Enhancing IoT-Based smart city security through federated learning and privacy preservation using FedAC algorithm	2025			10.1080/1448837X.2025.2558364	Taylor and Francis Ltd.	Journal
785	Suganya. V	ALBiSent-FT: A Novel Lightweight Fine-Tunable Transformer-BiLSTM Hybrid Framework for Domain-Specific Sentiment Analysis	2025			10.1109/ICISC65841.2025.11188976	Institute of Electrical and Electronics Engineers Inc.	Conference paper
786	Swapna.J	Falcon Optimized CNN for the Detection of Alzheimer's Disease in MRI Image	2025			10.1109/ICSSES64899.2025.11009760	Institute of Electrical and Electronics Engineers Inc.	Conference paper
787	Swapna.J	Enhanced Resume Analysis and Job Alignment using BERT	2025			10.1109/ICPCSN65854.2025.11035644	Institute of Electrical and Electronics Engineers Inc.	Conference paper
788	Swapna.J	MedSwin: A Novel Swin Transformer based Approach for Precise Renal Cancer Segmentation from 3D CT Scan Images	2025			10.1109/ICAISS61471.2025.11042017	Institute of Electrical and Electronics Engineers Inc.	Conference paper
789	Swapna.J	Renal Medical Image Segmentation using Cross-Perceptron Deliberation and Multi-Scale Feature Fusion	2025	7	3	10.36548/jiip.2025.3.025	Inventive Research Organization	Journal

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
790	Mohana Suganthi.N	Estimating Fetal Gestational Age from Ultrasound Images Using Deep Learning Techniques	2025			10.1109/ICMSCI62561.2025.10894429	Institute of Electrical and Electronics Engineers Inc.	Conference paper
791	Mohana Suganthi.N	Eye Sight: Integrative AI for Non-Invasive Diabetic Retinopathy Detection using Pupillometry and Ensemble Deep Learning	2025			10.1109/ICSSAS66150.2025.11081362	Institute of Electrical and Electronics Engineers Inc.	Conference paper
792	Mohana Suganthi.N	MCRNET-RS: Multi-Class Retinal Disease Classification using Deep Learning-based Residual Network-Rescaled	2025	7	4	10.35882/jeeemi.v7i4.925	Jurusan Teknik Elektromedik, Politeknik Kesehatan Kemenkes Surabaya, Indonesia	Journal
793	Banumathi. S	Cybersecurity and Behavioral Biometrics: Advancements, Challenges, and Future Directions in Authentication Systems	2025			10.1109/ICCCIT62592.2025.10928063	Institute of Electrical and Electronics Engineers Inc.	Conference paper
794	Banumathi. S	Cloud Computing: Innovations and Impacts on Global Data Infrastructure	2025			10.1109/ICCCIT62592.2025.10927743	Institute of Electrical and Electronics Engineers Inc.	Conference paper
795	Banumathi. S	Securing the Digital Frontier: An Analysis of Cybersecurity Strategies and Obstacles	2025			10.1109/ICCCIT62592.2025.10928088	Institute of Electrical and Electronics Engineers Inc.	Conference paper
796	Banumathi. S	Leveraging Augmented and Virtual Reality in Conjunction with Artificial Intelligence, 5G, and Edge Computing to Transform Immersive Experiences	2025			10.1109/STCR62650.2025.11020287	Institute of Electrical and Electronics Engineers Inc.	Conference paper

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797	Velmurugan. M	A Hybrid Blockchain Framework for Secure, Scalable, and Energy-Efficient Digital Identity Management with Token-based Selective Disclosure	2025			10.1109/ICEARS64219.2025.10940179	Institute of Electrical and Electronics Engineers Inc.	Conference paper
798	Velmurugan. M	A survey on blockchain-based solutions for cloud computing performance	2025	3306	1	10.1063/5.0275730	American Institute of Physics	Conference paper
799	Velmurugan. M	Post Quantum Secure Blockchain Model using Lattice Cryptography and Computational Time Consensus in Cloud Systems	2025			10.1109/ICIMIA67127.2025.11200943	Institute of Electrical and Electronics Engineers Inc.	Conference paper
800	Arul Prasath. A	MNCL: Empirical Development of Human Action Recognition Based on Postures Using Modified Neural Classification Logic	2025			10.1109/ICVADV63329.2025.10961249	Institute of Electrical and Electronics Engineers Inc.	Conference paper
801	Arul Prasath. A	UrbanDrivePathway: A Decision-Making Framework for Navigating Urban Autonomous Vehicles in Complex Traffic Systems	2025			10.1109/ICOEI65986.2025.11013137	Institute of Electrical and Electronics Engineers Inc.	Conference paper
802	Arul Prasath. A	IoT-Enhanced Deep Learning Model for Elderly Motor Function Assessment in Rehabilitation Devices	2025			10.1109/ICSTSD661998.2024.11026068	Institute of Electrical and Electronics Engineers Inc.	Conference paper
803	Arul Prasath. A	Empirical Evaluation of Deep Learning based Autonomous Driving System with Real-Time Scene Classification Procedure	2025			10.1109/ICIMIA67127.2025.11200907	Institute of Electrical and Electronics Engineers Inc.	Conference paper
804	Sivanesan. T.M	Transforming Hospital Visitor Screening with Cloud-Powered Deep Learning for Safety and Security	2025			10.1109/SCEECS64059.2025.10940528	Institute of Electrical and Electronics Engineers Inc.	Conference paper

S.No	Author Name	Title	Month/ Year	Volume	Issue	DOI	Publisher	Document Type
805	Sivanesan. T.M	IoT and AI-Enabled Smart Contact Lenses for Proactive Glaucoma Management	2025			10.1109/ICSTSD G61998.2024.11 026236	Institute of Electrical and Electronics Engineers Inc.	Conference paper
806	Sivanesan. T.M	Jaya-Waterwheel Plant Algorithm with Hybrid Deep Learning and Probabilistic Fusion for Image Inpainting	2025	39	12	10.1142/S02180 01425520159	World Scientific	Journal
807	Sivanesan. T.M	Comparative Analysis of AES and AES-RSA Hybrid Techniques for Securing Visual Data Integrity	2025			10.1109/ICCSP6 4183.2025.1108 9233	Institute of Electrical and Electronics Engineers Inc.	Conference paper
808	Sivanesan. T.M	EcoChargePathway: A Framework for Electric Vehicle Charging Optimization using Real-Time Analytics	2025			10.1109/ICIMA6 4861.2025.1107 3914	Institute of Electrical and Electronics Engineers Inc.	Conference paper
809	Sivanesan. T.M	Empirical Design of a Robotic Arm Control System based on Flex Sensors with Artificial Intelligence (AI) Association	2025			10.1109/ICOECA 66273.2025.000 69	Institute of Electrical and Electronics Engineers Inc.	Conference paper
810	Sivanesan. T.M	Medimagepathway: A Scalable Framework for Advanced Segmentation in Medical Image Processing	2025			10.1109/ICDICI6 6477.2025.1113 5084	Institute of Electrical and Electronics Engineers Inc.	Conference paper
811	Sivanesan. T.M	Experimental Evaluation of Image Denoising Procedure for Real-World Images using Deep Learning	2025			10.1109/ICSCDS 65426.2025.111 66782	Institute of Electrical and Electronics Engineers Inc.	Conference paper
812	Sivanesan. T.M	SSCNN: Shuffle Siamese convolutional neural network for image restoration with image degradation source identification	2025	74	2	10.1080/136821 99.2025.257571 4	Taylor and Francis Ltd.	Journal

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
813	Sivanesan. T.M	Enhanced Image Inpainting and Missing Region Restoration using Neural Learning Enabled Classification Strategy	2025			10.1109/ICIMIA67127.2025.11200932	Institute of Electrical and Electronics Engineers Inc.	Conference paper
814	Hemavathi. U	Optimizing urban mobility as a service (MaaS) with machine learning predictive models for travel demand	2025			10.4018/979-8-3693-7984-4.ch010	IGI Global	Book chapter
815	Hemavathi. U	Transformer-Tuned Grey Wolf Optimization for Autism Spectrum Disorder Prediction	2025			10.1109/ICIRCA65293.2025.11089824	Institute of Electrical and Electronics Engineers Inc.	Conference paper
816	Hemavathi. U	Intrusion Detection in Networks Using Adversarial Networks and Weighted Encoder Components	2025			10.4018/979-8-3693-9225-6.ch016	IGI Global	Book chapter
817	Hemavathi. U	A Novel Speech-Aware Framework (SACENet) for Non-Invasive Detection of Alzheimer's Disease	2025			10.1109/ICSCSA66339.2025.11170938	Institute of Electrical and Electronics Engineers Inc.	Conference paper
818	Hemavathi. U	NeuroVision-XNet: A Hybrid Vision Transformer Framework for Early Alzheimer's Disease Prediction using Structural MRI	2025			10.1109/ICSCDS65426.2025.11167089	Institute of Electrical and Electronics Engineers Inc.	Conference paper
819	Hemavathi. U	Secure and Intelligent Framework for Kidney Stone Detection Using a CNN-XGBoost Hybrid Model with Blockchain Integration	2025			10.1109/WorldS UAS66815.2025.11199071	Institute of Electrical and Electronics Engineers Inc.	Conference paper
820	Tamil Thendral. M	Fuzzy soft sets meets machine learning: A new era in soil quality prediction and management	2025			10.4018/979-8-3693-7352-1.ch007	IGI Global	Book chapter

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
821	Tamil Thendral. M	Hybrid Mutated Leader Optimization and Deep Long Short-Term Memory-Enabled Workflow Scheduling in Cloud Computing	2025	35	2	10.1142/S0218126625503633	WORLD SCIENTIFIC PUBL CO PTE LTD	Journal
822	Venkateswaran. S	Transparency in Text: Unraveling Explainability in Healthcare Natural Language Processing	2025			10.1002/9781394249312.ch7	wiley	Book chapter
823	Venkateswaran. S	Augmenting Human Creativity: An Assessment of AI in Art and Music Generation	2025			10.1201/9781003543527-3	CRC Press	Book chapter
824	Venkateswaran. S	BLOCK CHAIN BASED SECURED EHR WITH UNIFIED SIGNATURE ENCRYPTION SCHEME	2025	103	19	0	Little Lion Scientific	Journal
825	Maithili. K	Illuminating the Diagnostic Path: Unveiling Explainability in Medical Imaging	2025			10.1002/9781394249312.ch3	wiley	Book chapter
826	Maithili. K	Optimizing Blockchain Scalability for Secure Patient Health Records With Tri-Layered Sharding Architecture (TLSA)	2025	36	6	10.1002/ett.70168	John Wiley and Sons Inc	Journal
827	Maithili. K	A Blockchain based NFT Marketplace for Secure and Scalable Digital Asset Trading	2025			10.1109/ICICI65870.2025.11069920	Institute of Electrical and Electronics Engineers Inc.	Conference paper
828	Maithili. K	Securing Electronic Patient Data Using Blockchain	2025			10.1109/ICEPE65965.2025.11139450	Institute of Electrical and Electronics Engineers Inc.	Conference paper
829	Maithili. K	Blockchain Enabled Federated Learning for Privacy Preserving Lung Cancer Risk Prediction	2025			10.1109/ICICI65870.2025.11069638	IEEE	Conference paper

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
830	Minu Inba Shanthini Watson Benjamin	Enhanced Segmentation Techniques for Early Detection of Uterine Fibroids Using Multi-Scale Feature Extraction and Hybrid Ensemble Classification	2025	39	10	10.1142/S0218001425510115	World Scientific	Journal
831	Minu Inba Shanthini Watson Benjamin	Context-Fusion: An Intelligent Retrieval-Augmented Conversational AI Framework with Multi-Model Support	2025			10.1109/ICSSAS66150.2025.11081255	Institute of Electrical and Electronics Engineers Inc.	Conference paper
832	Minu Inba Shanthini Watson Benjamin	Improving Nutritional Analysis with XGBoost: Predicting Calories from Food Images	2025			10.1109/ICICV64824.2025.11085712	Institute of Electrical and Electronics Engineers Inc.	Conference paper
833	Minu Inba Shanthini Watson Benjamin	Enhancing Blood Group Identification with CNN and Particle Swarm Optimization	2025			10.1109/ICCSP64183.2025.11088796	Institute of Electrical and Electronics Engineers Inc.	Conference paper
834	Minu Inba Shanthini Watson Benjamin	A Deep Learning Approach for Early Detection of Uterine Fibroids in Pelvic Imaging: Toward Non-Invasive, Accurate Diagnosis	2025			10.1109/ICSCDS65426.2025.11167319	Institute of Electrical and Electronics Engineers Inc.	Conference paper
835	Balamurugan. A.G	A Deep Ensemble Learning Approach for Automatic AD Detection	2025			10.2174/0123520965354299241225100818	Bentham Science Publishers	Journal
836	Sankar Ganesh. K	Predictive Cibil Score Management System Using AI/ML	2025			10.1109/ICDICI66477.2025.11135392	Institute of Electrical and Electronics Engineers Inc.	Conference paper
837	Sankar Ganesh. K	Integrated Traffic Incident Classification using SegFormer and Faster R-CNN: A Multi-Stage Approach for Enhanced Detection and Analysis	2025			10.1109/ICSCDS65426.2025.11167123	Institute of Electrical and Electronics Engineers Inc.	Conference paper

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
838	Gopi. S	Harnessing Quantum Attention: A Hybrid Deep Network for Wearable Sensor-based Activity Recognition	2025			10.1109/ICCMC65190.2025.11140878	Institute of Electrical and Electronics Engineers Inc.	Conference paper
839	Gopi. S	RetinaVisionMapper: A Framework for Accurate and Early Retinal Disease Identification	2025			10.1109/ICSCSA66339.2025.11170707	Institute of Electrical and Electronics Engineers Inc.	Conference paper
840	Chandralekha. E	Heart Rate Anomaly Detection in Healthcare Using Elliptic Envelope and Local Forest	2025	258	0	10.1016/j.procs.2025.04.402	Elsevier B.V.	Conference paper
841	Chandralekha. E	Deep Learning-based Potato Leaf Disease Detection for Precision Agriculture	2025			10.1109/ICSSAS66150.2025.11080839	Institute of Electrical and Electronics Engineers Inc.	Conference paper
842	Chandralekha. E	IoT-Enabled Device for Predictive Monitoring and Disease Management in Cow	2025			10.1109/ICSSAS66150.2025.11081385	Institute of Electrical and Electronics Engineers Inc.	Conference paper
843	Chandralekha. E	Clinical decision system for chronic kidney disease staging using machine learning	2025	33	4	10.1177/09287329251316447	SAGE PUBLICATIONS INC	Journal
844	Vasudevan. I	Green Artificial Intelligence and Machine Learning: Strategies for Sustainable Development	2025			10.4018/979-8-3373-0766-4.ch014	IGI Global	Book chapter
845	Vasudevan. I	Contoso Mortgage System for Customer Applications Development	2025			10.1109/ICSSAS66150.2025.11080768	Institute of Electrical and Electronics Engineers Inc.	Conference paper
846	Vasudevan. I	Advance Biometric System for Blood Group Detection Using Novel Based Finger Print Patterns	2025			10.1109/ICIRCA65293.2025.11089885	Institute of Electrical and Electronics Engineers Inc.	Conference paper

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847	Vasudevan. I	Emerging Trends in Machine Learning-Driven Fall Detection: A Review of Deep Learning Architectures, Sensor Fusion and Edge Computing for Real-Time Applications	2025			10.1109/ICETEA64585.2025.11100004	Institute of Electrical and Electronics Engineers Inc.	Conference paper
848	Vasudevan. I	Early Disease Prediction using Supervised Machine Learning	2025			10.1109/ICSCDS65426.2025.11167276	Institute of Electrical and Electronics Engineers Inc.	Conference paper
849	Vasudevan. I	Clinical-Grade Hybrid Machine Learning Framework for Post-Menopausal Sleep Disorder Prediction	2025			10.1109/ICCDS64403.2025.11209710	Institute of Electrical and Electronics Engineers Inc.	Conference paper
850	Siva Rama Lingham. N	Exploring Smart Room Automation: An IoT-Based Vision-Driven Zonal Control Approach for Energy Efficiency	2025			10.1109/ICIRCA65293.2025.11089644	Institute of Electrical and Electronics Engineers Inc.	Conference paper
851	Siva Rama Lingham. N	Spherical Convolutional Mask-Net Osprey Optimization Algorithm for Accurate Identification of Crops Diseases in Smart Agriculture	2025			10.1109/ICIRCA65293.2025.11089723	Institute of Electrical and Electronics Engineers Inc.	Conference paper
852	Prema. S	Real-Time Hospital Recommendation System with Machine Learning for Traffic-Aware Routing, Patient Ratings, and Dynamic Resource Management	2025			10.1109/ICCCT63501.2025.11019795	Institute of Electrical and Electronics Engineers Inc.	Conference paper
853	Prema. S	Agriculture Product Selling System	2025			10.1109/ICCCT63501.2025.11019268	Institute of Electrical and Electronics Engineers Inc.	Conference paper

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
854	Prema. S	AI-Enabled Wildfire Risk Mapping & Emergency Navigation	2025			10.1109/ICCRTE E64519.2025.11052930	Institute of Electrical and Electronics Engineers Inc.	Conference paper
855	Prema. S	Medi AI: Intelligent Patient Monitoring with Deep Learning	2025			10.1109/ICCRTE E64519.2025.11052978	Institute of Electrical and Electronics Engineers Inc.	Conference paper
856	Prema. S	Semantic Image Synthesis from Text: Current Trends and Future Horizons in Text-to-Image Generation	2025	11		10.4108/eetiot.5336	European Alliance for Innovation	Journal
857	Charles Prabu. V	AI-Driven Neural Eye Cursor For Paralyzed Patients	2025			10.1109/SENNE T64220.2025.11136084	Institute of Electrical and Electronics Engineers Inc.	Conference paper
858	Yalanati Ayyappa	Enhanced Monitoring and Security Measures with Video Analysis	2025			10.1109/ICMSCI 62561.2025.10894596	Institute of Electrical and Electronics Engineers Inc.	Conference paper
859	Yalanati Ayyappa	A Novel Stock Price Prediction Model based on User Sentiments by Assimilating Bag of Words and Bi-Directional Gated Recurrent Unit	2025			10.1109/ICSCDS 65426.2025.11166887	Institute of Electrical and Electronics Engineers Inc.	Conference paper
860	Yalanati Ayyappa	A Unified AI Framework for Confidentiality Preserving Cyberattack Detection in Healthcare Cyber Physical Networks	2025	8	3	10.15157/IJITIS. 2025.8.3.818-841	Association of Talent under Liberty in Technology (TULTECH)	Journal
861	Yalanati Ayyappa	Sustainable Education in the Age of 5G and 6G Networks: An Analytical Perspective	2025			10.1002/9781394242603.ch4	wiley	Book chapter
862	Vasudevan. S	Twin-shift co-existence non-orthogonal multiple access	2025	88	1	10.1007/s11235-024-01245-z	SPRINGER	Journal

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
863	Vasudevan. S	A cooperative non-orthogonal multiple access using identical code-data cyclic shift and dual-MRC	2025	50	2	10.1007/s12046-025-02730-0	SPRINGER INDIA	Journal
864	Deepan. S	Angularly Stable, Transparent and Flexible Modified Octagonal Shaped Frequency Selective Surface (FSS) for Sub-GHz 5G Applications	2025	13	3	10.52549/ijeei.v13i3.6747	Institute of Advanced Engineering and Science	Journal
865	Deepan. S	A Survey on Adversarial Text Attacks on Deep Learning Models in Natural Language Processing	2025	1273 LNEE	0	10.1007/978-981-97-8031-0_111	SPRINGER-VERLAG SINGAPORE PTE LTD	Conference paper
866	Sendil Vadivu.D	Federated learning and explainable AI-driven intrusion detection with hyperband optimization	2025	21	1	10.1007/s11416-025-00571-3	SPRINGER FRANCE	Journal
867	Kumararaja.V	PCOS-CLIPDx: A Vision-Language and Clinical-Prior Gated Framework for Multimodal Ovarian Cyst Detection and PCOS Assessment in Ultrasound Imaging	2025			10.1109/ICIMIA67127.2025.11200916	Institute of Electrical and Electronics Engineers Inc.	Conference paper
868	Kamatchi.K	Scenario-aware anomaly detection in insider activities using CT-GAN data augmentation	2025			10.4018/979-8-3373-2115-8.ch012	IGI Global	Book chapter
869	Ananthi.A	Integrating IoT and cloud computing in aquaponics and aeroponics methods	2025			10.4018/979-8-3693-2320-5.ch007	IGI Global	Book chapter
870	Dr. Syed Rabiya. M	Detection Of Counterfeit Images Through Deep Learning based Yolov3 Model	2025			10.1109/InCACC T65424.2025.11011375	Institute of Electrical and Electronics Engineers Inc.	Conference paper

S.No	Author Name	Title	Month/Year	Volume	Issue	DOI	Publisher	Document Type
871	Dr. Chinnathambi. K	Edge region segmenting scheme for underwater ecology object classification using lateral neural network	2025	8	4	10.1007/s42044-025-00293-1	Springer International Publishing	Journal
872	Dr. Uma Mageswari.R	A Paradigm Shift: Blockchain-Driven Federated Learning	2025	0	0	10.2174/9798898810092125010004	Bentham Science Publishers	Book chapter
873	Dr. V.Dhilip Kumar	Facial paralysis image analysis for stroke detection using deep ensemble transfer learning and optimization	2025	14	5	10.11591/ijai.v14.i5.pp4074-4089	Institute of Advanced Engineering and Science	Journal
874	Dr. Rachel Nallathamby	Leveraging Light Gradient Boosting Machines for Accurate Sugarcane Leaf Diseases Detection	2025			10.1109/ICCDS64403.2025.11209027	Institute of Electrical and Electronics Engineers Inc.	Conference paper
875	Dr. Rajesh Kambattan. K	AI-RAG: Enhancing Language Models with Real-Time Information Retrieval	2025			10.1109/ICCDS64403.2025.11209598	Institute of Electrical and Electronics Engineers Inc.	Conference paper
876	Dr. Jagadeesh.K	An effective PO-RSNN and FZCIS based diabetes prediction and stroke analysis in the metaverse environment	2025	15	1	10.1038/s41598-025-96541-2	NATURE PORTFOLIO	Journal
877	Dr. Sathya.V	Optimizing combustion efficiency and emission reduction in low temperature combustion engines using biodiesel-nano additive alcohol blends: A review	2025	27	0	10.1016/j.rineng.2025.106175	ELSEVIER	Review
878	Dr. Muralidhar. M.S	Applications of partial differential equations and Green's functions in climate change modeling	2025	28	6	10.47974/JIM-2349	TARU PUBLICATIONS	Journal
879	Dr. Jayashree. S	Contention Based Single-Server Queuing Model for Efficient Data Transmission in VANETs Using Stochastic Process	2025	37	27-28	10.1002/cpe.70454	WILEY	Journal

S.No	Author Name	Title	Month/ Year	Volume	Issue	DOI	Publisher	Document Type
880	Dr. Sridevi. S	Enhanced cluster head selection and energy efficient routing using optimized dual-path multi-scale attention guided network in WSN environment	2025	19	1	10.1007/s12083-025-02165-8	SPRINGER	Journal
881	Dr. Beslin Pajila. P. J	Blockchain-enabled deep learning techniques for providing security in wireless sensor networks	2025	19	1	10.1007/s12083-025-02185-4	SPRINGER	Journal
882	Devi.T. M	Diabetic retinopathy detection via deep learning based dual features integrated classification model	2025	33	2	10.1177/09287329241292939	SAGE Publications Inc	Journal