



Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)



**Department of Computer Science and Engineering
List of Publications
Academic Year 2022-2023**

Sl.No	Faculty Name	Title	Month/Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
1	Dr. E. Kannan	Detection of rice plant disease using AdaBoostSVM classifier	Jul-2022	114	4	https://doi.org/10.1002/agj.2.21070	John Wiley and Sons Inc	Journal
2	Dr. E. Kannan	Sentiment analysis on twitter data based on spider monkey optimization and deep learning for future prediction of the brands	Sep-2022	34	21	https://doi.org/10.1002/cpe.7104	John Wiley and Sons Ltd	Journal
3	Dr. E. Kannan	An Efficient Deep Neural Network for Disease Detection in Rice Plant Using XGBOOST Ensemble Learning Framework	Sep-2022			https://www.ijisae.org/index.php/IJISAE/article/view/2146	Ismail Saritas	Journal
4	Dr. E. Kannan	Machine Learning Techniques for Identifying Fetal Risk During Pregnancy	Oct-2022	22	5	https://doi.org/10.1142/S0219467822500450	World Scientific	Journal
5	Dr. E. Kannan	Intelligent Vehicle Parking System (IVPS) Using Wireless Sensor Networks	Nov-2022	127	1	https://doi.org/10.1007/s11277-021-08360-z	Springer	Journal
6	Dr. A. Bhagyalakshmi	DBAHHO: Deep belief network-based adaptive Harris Hawks optimization for adaptive offloading strategy in mobile edge computing	Oct-2022	78	15	https://doi.org/10.1007/s11227-022-04501-8	Springer	Journal
7	Dr. A. Bhagyalakshmi	New controlled and unmonitored learning methods pulmonary and cancer progression characterisation	Oct-2022			https://doi.org/10.1063/5.0110546	American Institute of Physics Inc.	Conference
8	Dr. A.Karthikram	A comprehensive analysis on IoT based smart farming solutions using machine learning algorithms	Dec-2022			https://doi.org/DOI:10.11591/eei.v11i3.3310	Institute of Advanced Engineering and Science	Journal

Sl.No	Faculty Name	Title	Month/Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
9	Dr. G. R. Kanagachidambaresan	Advanced Techniques for Perception and Localization in Autonomous Driving Systems: A Survey	Jun-2022	31	2	https://doi.org/10.3103/S1060992X22020084	Pleiades journals	Journal
10	Dr. G. R. Kanagachidambaresan	A Novel Energy Efficient Threshold Based Algorithm for Wireless Body Sensor Network	Aug-2022	15	16	https://doi.org/10.3390/en15166095	MDPI	Journal
11	Dr. G. R. Kanagachidambaresan	Internet of Things Using Single Board Computers	Aug-2022			978-1-4842-8108-6	Springer	Book / Book Chapter
12	Dr. G. R. Kanagachidambaresan	Intelligent Single-Board Computer for Industry 4.0: Efficient Real-Time Monitoring System for Anomaly Detection in CNC Machines	Sep-2022	93		https://doi.org/10.1016/j.micpro.2022.104629	Elsevier B.V.	Journal
13	Dr. J. Visumathi	An Effective and Secure Mechanism for Phishing Attacks Using a Machine Learning Approach	Jul-2022	10	7	https://doi.org/10.3390/pr10071356	MDPI	Journal
14	Dr. J. Visumathi	RNN LSTM-based Deep Hybrid Learning Model for Text Classification using Machine Learning Variant XGBoost	Aug-2022			https://doi.org/10.23940/ijpe.22.08.p2.545551	Totem Publishers Ltd	Journal
15	Dr. J. Visumathi	Convolutional neural network-based MRI brain tumor classification system	Oct-2022			https://doi.org/10.1063/5.0109770	American Institute of Physics Inc.	Conference
16	Dr. J. Visumathi	A Novel MOGND0 Algorithm for Security-Constrained Optimal Power Flow Problems	Nov-2022	11	22	https://doi.org/10.3390/electronics11223825	MDPI	Journal
17	Dr. M. A. Mukunthan	Implementation of Artificial Neural Network to Predict Diabetes with High-Quality Health System	Oct-2022	2022		https://doi.org/10.1155/2022/1174173	Hindawi Limited	Journal
18	Dr. M. A. Mukunthan	Introduction to Cybersecurity	Oct-2022			978-620-5-49316-8	Lambert Academic Publishing	Book / Book Chapter
19	Dr. M. A. Mukunthan	A Low complexity Spatial Mapping Assisted Companding Scheme (SMaCS) for PAPR Minimization in OFDM Systems	Dec-2022			https://doi.org/10.1007/s40009-022-01158-y	Springer	Journal
20	Dr. M. Kavitha	A Content Recommendation System for Effective ELearning using Semantic Fuzzy	Jul-2022			https://doi.org/10.14445/22315381/IJETT-V70I7P221	Seventh Sense Research Group	Journal

Sl.No	Faculty Name	Title	Month/Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
		Humming birds Optimization and RoBERTa						
21	Dr. M. Kavitha	A Diabetic Monitoring System using Learning Automata based Fireworks Algorithm and Dynamic Brain Storm Classifier	Sep-2022			https://www.ijisae.org/index.php/IJISAE/article/view/2157	Ismail Saritas	Journal
22	Dr. M. Shyamala Devi	In-depth analysis of dynamic degree load balancing technique in public cloud for heterogeneous cloudlets	Aug-2022			https://doi.org/10.11591/ijeecs.v27.i2.pp1119-1126	Institute of Advanced Engineering and Science	Journal
23	Dr. M. Shyamala Devi	Factor significance-based mortality grading of heart failure patients	Sep-2022			https://doi.org/10.1063/5.0103703	American Institute of Physics Inc.	Conference
24	Dr. M. Shyamala Devi	Interstitial lung disease - Case study	Sep-2022			https://doi.org/10.1063/5.0104508	American Institute of Physics Inc.	Conference
25	Dr. M. Shyamala Devi	Predicting prostate cancer in early stage using adaptive randomized tree	Sep-2022			https://doi.org/10.1063/5.0104509	American Institute of Physics Inc.	Conference
26	Dr. M. Shyamala Devi	Deep Learning Activation Layer-Based Wall Quality Recognition Using Conv2D ResNet Exponential Transfer Learning Model	Dec-2022	10	23	https://doi.org/10.3390/math10234602	MDPI	Journal
27	Dr. N. R. Rajalakshmi	A Cost-Optimized Data Parallel Task Scheduling with Deadline Constraints in Cloud	Jul-2022	11	13	https://doi.org/10.3390/electronics11132022	MDPI	Journal
28	Dr. N. Rajkumar	Deep Learning Based User Identity Management Protocol for Improving Security in Cloud Communication	Sep-2022			https://www.ijisae.org/index.php/IJISAE/article/view/2186	Ismail Saritas	Journal
29	Dr. N. Rajkumar	Operating System	Oct-2022			979-8887172316	Notion Press	Book / Book Chapter
30	Dr. N. Vijayaraj	A Crop Yield Prediction Model Based on An Improved Artificial Neural Network and Yield Monitoring Using a Blockchain Technique	Nov-2022	20	6	https://doi.org/10.1142/S0219691322500308	World Scientific	Journal

Sl.No	Faculty Name	Title	Month/Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
31	Dr. N. Vijayaraj	A Decentralized Medical Network for Maintaining Patient Records Using Blockchain Technology	Nov-2022	22	4	https://doi.org/10.2478/cait-2022-0043	Sciendo	Journal
32	Dr. R. Aruna	Big data analytics in health care by data mining and classification techniques	Jun-2022	8	2	https://doi.org/10.1016/j.icte.2021.07.001	Korean Institute of Communication Sciences	Journal
33	Dr. R. Aruna	Multiclass cyber-attack classification approach based on the Krill Herd Optimized Deep Neural Network (KH-DNN) model for WSN	Oct-2022	13	5	https://doi.org/10.1142/S1793962322500568	World Scientific	Journal
34	Dr. R. Aruna	A secure framework of blockchain technology using CNN long short-term memory hybrid deep learning model	Dec-2022			https://doi.org/10.11591/ijeecs.v28.i3.pp1786-1795	Institute of Advanced Engineering and Science	Journal
35	Dr. S. Jagan	Fndamentals of Operating Systems	Sep-2022			9789356250734	Scientific International Publishing House	Book / Book Chapter
36	Dr. S. Koteeswaran	Prediction of heart conditions by consensus K-nearest neighbor algorithm and convolution neural network	Aug-2022	13	4	https://doi.org/10.1142/S1793962322500258	World Scientific	Journal
37	Dr. V. Dhilip Kumar	Plant Disease Detection Using Deep Convolutional Neural Network	Jul-2022	12	14	https://doi.org/10.3390/app12146982	MDPI	Journal
38	Dr. V. Dhilip Kumar	Human activity recognition by wireless body area networks through multi-objective feature selection with deep learning	Sep-2022	39	8	https://doi.org/10.1111/exsy.12988	John Wiley and Sons Inc	Journal
39	Dr. V. Dhilip Kumar	A Novel Approach to Diagnose the Animal Health Continuous Monitoring Using IoT Based Sensory Data	Oct-2022			https://doi.org/10.18280/i2m.210501	International Information and Engineering Technology Association	Journal
40	Dr.Thanjai Vadivel	Knowledge-Based Recommender System Using Artificial Intelligence for Smart Education	Aug-2022	22	SUPP 02	https://doi.org/10.1142/S0219265921430313	World Scientific Publishing	Journal

Sl.No	Faculty Name	Title	Month/Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
41	Dr.M J Carmel Mary Belinda	Online product recommendation system using gated recurrent unit with Broyden Fletcher Goldfarb Shanno algorithm	Sep-2022	15	3	https://doi.org/10.1007/s12065-021-00594-x	Springer Science and Business Media Deutschland GmbH	Journal
42	Dr.N.Gomathi	Improved rider for vehicular adhoc NETwork routing via neural network	Jun-2022	15	2	https://doi.org/10.1007/s12065-021-00602-0	Springer Science and Business Media Deutschland GmbH	Journal
43	Dr.N.Gomathi	Fundamentals of machine Learning and applications	Oct-2022			9798888496664	Notion Press	Book / Book Chapter
44	Dr. N. Malarvizhi	Preputation Based Trust Management System for Malicious Fog Node Detection	Dec-2022			https://www.jatit.org/volumes/Vol100No24/9Vol100No24.pdf	Little Lion Scientific	Journal
45	Dr. A. Suresh	Twitter sentiment analysis using ensemble based deep learning model towards COVID-19 in India and European countries	Jun-2022	158		https://doi.org/10.1016/j.patrec.2022.04.027	Elsevier B.V.	Journal
46	Dr. J. Arun Pandian	An improved deep convolutional neural network for detecting plant leaf diseases	Dec-2022	34	28	https://doi.org/10.1002/cpe.7357	John Wiley and Sons Ltd	Journal
47	Dr. K. Rajathi	Text sentiment analysis on E-shopping product reviews using chaotic coyote optimized deep belief network approach	Aug-2022	34	19	https://doi.org/10.1002/cpe.7039	John Wiley and Sons Ltd	Journal
48	Dr. M. Gokuldhev	Darts game optimization with intuitionistic fuzzy kernel ridge regression for IoT based smart farming model	Oct-2022			https://doi.org/10.1007/s41870-022-01021-9	Springer Science and Business Media B.V.	Journal
49	Dr. M. S. Murali Dhar	Java Programming Language	Oct-2022			https://doi.org/978-93-9519-106-7	Deccan International Academic Publishers, India	Book / Book Chapter
50	Dr. M. S. Murali Dhar	Mobile Architecture and APP Development	Nov-2022			https://doi.org/979-93-91987-77-0	Jayalakshmi Publications	Book / Book Chapter

Sl.No	Faculty Name	Title	Month/Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
51	Dr. M. Thanjai Vadivel	A voice-assisted intelligent software architecture based on deep game network	Jun-2022			https://doi.org/10.1007/s10772-021-09826-y	Springer	Journal
52	Dr. M. Thanjai Vadivel	Human-Centered Applications in Sustainable Smart City Development: A Qualitative Survey	Jun-2022	22	SUPP 04	https://doi.org/10.1142/S0219265921460014	World Scientific	Journal
53	Dr. M. Thanjai Vadivel	Motion capture and evaluation system of football special teaching in colleges and universities based on deep learning	Dec-2022	13	6	https://doi.org/10.1007/s13198-021-01557-2	Springer	Journal
54	Dr. N. K. Senthil Kumar	Machine Learning: Algorithms and Techniques	Dec-2022			978-93-5625-085-7	Scientific International Publishing House	Book / Book Chapter
55	Dr. R. Kanchana	Emotion-based human-computer interaction	Oct-2022			https://doi.org/10.4018/978-1-6684-5673-6.ch009	IGI Global	Book / Book Chapter
56	Dr. A.Karthikram	Classification of covid patient image dataset using modified deep convolutional neural network system	Dec-2022			https://doi.org/10.11591/eei.v11i4.3290	Institute of Advanced Engineering and Science	Journal
57	Dr.M.Shyamala Devi	An Optimization of Network paths in congested SDN using Genetic Algorithm	Oct-2022	13	3	https://doi.org/10.47164/ijngc.v13i3.805	Perpetual Innovation Media Pvt Ltd.	Journal
58	Dr. V. Kalpana	On reducing energy cost consumption in heterogeneous cellular networks using optimal time constraint algorithm	Nov-2022	270		https://doi.org/10.1016/j.ijlco.2022.170008	Elsevier GmbH	Journal
59	Dr. V. T. Manu	Security concerns and forensic aspects of IoHT	Dec-2022			https://doi.org/10.1201/9781003239895-7	CRC Press	Book / Book Chapter
60	Dr. R. Parthasarathy	Exposure of Botnets in Cloud Environment by Expending Trust Model with CANFES Classification Approach	Aug-2022	11	15	https://doi.org/10.3390/electronics11152350	MDPI	Journal
61	Dr. R. Parthasarathy	Maintaining Effective Node Chain Connectivity in the Network with Transmission Power of Self-Arranged AdHoc Routing in Cluster Scenario	Aug-2022	11	15	https://doi.org/10.3390/electronics11152455	MDPI	Journal

Sl.No	Faculty Name	Title	Month/Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
62	Dr.S.Sankara Narayanan	A Neighbor Trust Weight Based Cryptography for Multi Key Distribution for Improving Quality of Service in MANETS	Oct-2022			https://doi.org/10.18280/isi.270508	International Information and Engineering Technology Association	Journal
63	Dr.S.Sankara Narayanan	Hybrid distributed deep-GAN Intrusion detection System in IoT with Autoencoder	Oct-2022			https://doi.org/10.4018/IJFSA.312238	IGI Global	Journal
64	Dr. A. Prathik	An English teaching quality evaluation model based on Gaussian process machine learning	Jul-2022	39	6	https://doi.org/10.1111/exsy.12861	John Wiley and Sons Inc	Journal
65	Dr. A. Prathik	Innovative feature selection and classification model for heart disease prediction	Dec-2022			https://doi.org/10.1007/s40860-021-00152-3	Springer Science and Business Media Deutschland GmbH	Journal
66	Dr. V.Dhilip Kumar	Robust Spatial-Spectral Squeeze-Excitation AdaBound Dense Network (SE-AB-Densenet) for Hyperspectral Image Classification	Nov-2022	22	9	https://doi.org/10.3390/s22093229	MDPI	Journal
67	Dr. P. Rajesh	Elderly people activity monitoring with involved binary sensors and Deep Convolution Neural Network	Oct-2022	34	19	https://doi.org/10.1007/s00521-022-07268-4	Springer Science and Business Media Deutschland GmbH	Journal
68	Dr. P. Rajesh	Wi-Fi signal-based human action acknowledgement using channel state information with CNN-LSTM: a device less approach	Dec-2022	34	24	https://doi.org/10.1007/s00521-022-07630-6	Springer Science and Business Media Deutschland GmbH	Journal
69	Dr. T. Kamaleshwar	Deep neural network with reduced feature for classification of breast cancer mammogram	Dec-2022	26	24	https://doi.org/10.1007/s00500-022-07533-7	Springer Science and Business Media	Journal

Sl.No	Faculty Name	Title	Month/Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
							Deutschland GmbH	
70	Dr. T. Kamaleshwar	Big data analytics	Dec-2022			978-81-95111-12-1	Pinnacle Educare	Book / Book Chapter
71	Dr. T. Kujani	Multiple Deep CNN models for Indian Sign Language translation for Person with Verbal Impairment	Sep-2022			https://ijisae.org/index.php/IJISAE/article/view/2179	Ismail Saritas	Journal
72	Dr. T. Kujani	Emotion Understanding from Facial Expressions using Stacked Generative Adversarial Network (GAN) and Deep Convolution Neural Network (DCNN)	Oct-2022			https://doi.org/10.14445/22315381/IJETT-V70I10P212	Seventh Sense Research Group	Journal
73	Mr. K. Prabakaran	IoT based E-vehicle monitoring system using sensors and imaging processing algorithm	Jun-2022			https://doi.org/10.11591/ijres.v11.i2.pp196-204	Institute of Advanced Engineering and Science	Journal
74	Mr. K. Sri Raman	MALO-LSTM: Multimodal Sentiment Analysis Using Modified Ant Lion Optimization with Long Short Term Memory Network	Oct-2022			https://doi.org/10.22266/ijies2022.1031.29	Intelligent Network and Systems Society	Journal
75	Mr. Syed Fiaz A. S	Principal component analysis on face recognition using artificial firefly swarm optimization algorithm	Dec-2022	174		https://doi.org/10.1016/j.advengsoft.2022.103296	Elsevier Ltd	Journal
76	Mr. A Ilavendhan	Clustering Based Optimal Cluster Head Selection Using Bio-Inspired Neural Network in Energy Optimization of 6LowPAN	Jul-2022	15	13	https://doi.org/10.3390/en15134528	MDPI	Journal
77	Mr. S. Ranathive	Performance Signature of Optical Fiber Communications Dispersion Compensation Techniques for the Control of Dispersion Management	Oct-2022			https://doi.org/10.1515/joc-2019-0021	De Gruyter Open Ltd	Journal
78	Ms. K. Maithili	Introduction to Java Programming	Dec-2022			978-93-5577-186-5	Charulatha Publications	Book / Book Chapter
79	Dr.N.Noor Alleema	Security of Big Data over IoT Environment by Integration of Deep Learning and Optimization	2022	14	2	https://doi.org/10.17762/ijcnis.v14i2.5510	Auricle Global Society of Education and Research	Journal

Sl.No	Faculty Name	Title	Month/Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
80	Dr.N.R.Rajalakshmi	A Cost-Optimized Data Parallel Task Scheduling in Multi-Core Resources Under Deadline and Budget Constraints	Jul-2022	12	2	https://doi.org/10.4018/IJAC.305857	IGI Global	Journal
81	Dr. E. Kannan	Enhanced Brain Tumor Diagnosis through Multimodal Fusion and 3D Convolutional Neural Networks	Jan-2023			https://doi.org/10.1109/SmartTechCon57526.2023.10391443	Institute of Electrical and Electronics Engineers Inc.	Conference
82	Dr. E. Kannan	Integrating UNet and LSTM Architectures for Enhanced Fake News	Jan-2023			https://doi.org/10.1109/RMKMATE59243.2023.10368826	Institute of Electrical and Electronics Engineers Inc.	Conference
83	Dr. E. Kannan	Personalized Lifestyle Interventions for Diabetes Prevention: A Machine Learning-Driven Smart Healthcare Approach	Jan-2023			https://doi.org/10.1109/RMKMATE59243.2023.10368818	Institute of Electrical and Electronics Engineers Inc.	Conference
84	Dr. E. Kannan	Retinal Blood Vessel Segmentation Using an EDADCN Architecture—Encoder–Decoder Architecture with Dilated Convolutions and Attention Mechanism	Jan-2023			https://doi.org/10.1007/978-981-99-6550-2_45	Springer Science and Business Media Deutschland GmbH	Conference
85	Dr. A. Bhagyalakshmi	An Architecture for Collective Dispute Resolution in Ubiquitous and Context-Aware Systems	Jan-2023			https://doi.org/10.1109/ACCAI58221.2023.10200326	Institute of Electrical and Electronics Engineers Inc.	Conference
86	Dr. A. Bhagyalakshmi	Analysis of Genetic Face Images with Respect to Reflexology for Prediction of Diseases	Feb-2023	40	1	https://doi.org/10.18280/ts.400102	International Information and Engineering Technology Association	Journal
87	Dr.K.Vijayalakshmi	A Novel Framework for Inspection Management System using Cloud Computing	Jan-2023			https://doi.org/10.1063/5.0114458	American Institute of Physics Inc.	Conference
88	Dr. D. Rajesh	Energy Proficient Secure Clustered Protocol in Mobile Wireless Sensor Network Utilizing Blue Brain Technology	Jan-2023			https://doi.org/10.51983/ijis-2023.13.2.3774	The Research Publication	Journal

Sl.No	Faculty Name	Title	Month/Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
89	Dr. D. Rajesh	Enhancing Lifespan and Energy Efficiency in Mobile Smart Dust Networks	Jan-2023			https://doi.org/10.18280/isi.280520	International Information and Engineering Technology Association	Journal
90	Dr. D. Umanandhini	Learning Techniques of ECG Arrhythmia Classification: A Review	Jan-2023			https://doi.org/10.1109/ICCEE55951.2023.10424554	Institute of Electrical and Electronics Engineers Inc.	Conference
91	Dr. D. Umanandhini	Malware Analysis for Proactive Defence on Cyber Threat Vulnerabilities	Jan-2023			https://doi.org/10.1109/I-PACT58649.2023.10434439	Institute of Electrical and Electronics Engineers Inc.	Conference
92	Dr. D. Umanandhini	Wearable Thong Entrenched with SoS Facility and Mobile Ad Hoc Network	Jan-2023			https://doi.org/10.1007/978-981-19-3035-5_52	Springer Science and Business Media Deutschland GmbH	Book / Book Chapter
93	Dr. G. R. Kanagachidambaresan	Application of Deep Neural Network Structures in Semantic Segmentation for Road Scene Understanding	Jun-2023	32	2	https://doi.org/10.3103/S1060992X23020108	Pleiades Publishing	Journal
94	Dr. G. R. Kanagachidambaresan	Grammar-aware phrase dataset generated using a novel python package	Jun-2023	48		https://doi.org/10.1016/j.dib.2023.109237	Elsevier Inc.	Journal
95	Dr. G. R. Kanagachidambaresan	Text-Text Neural Machine Translation: A Survey	Jun-2023	32	2	https://doi.org/10.3103/S1060992X23020042	Pleiades Publishing	Journal
96	Dr. J. Visumathi	Comparative Analysis of Image Based Uterus Fibroid Detection and Classification Using Deep Learning	Jan-2023			https://doi.org/10.1109/ACCAI58221.2023.10200678	Institute of Electrical and Electronics Engineers Inc.	Conference
97	Dr. J. Visumathi	Deep Featured Adaptive Dense Net Convolutional Neural Network Based Cardiac Risk Prediction in Big Data Healthcare Environment	Jan-2023			https://doi.org/10.17762/ijritcc.v11i2s.6065	Auricle Global Society of Education and Research	Journal

Sl.No	Faculty Name	Title	Month/Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
98	Dr. J. Visumathi	Emerging Technologies for Carbon Capture and Storage in Energy Transition	Jan-2023			https://doi.org/10.1109/ICTEASD57136.2023.10585212	Institute of Electrical and Electronics Engineers Inc.	Conference
99	Dr. J. Visumathi	Enhancing Reliability in Multi-Path Mobile Wireless Sensor Network	Jan-2023			https://doi.org/10.1109/ICAIS56108.2023.10073667	Institute of Electrical and Electronics Engineers Inc.	Conference
100	Dr. J. Visumathi	Performance Analysis of Machine Learning Algorithms in the Systematic Prediction of Chronic Kidney Disease on an Imbalanced Dataset	Jan-2023			https://doi.org/10.1007/978-981-19-7402-1_12	Springer Science and Business Media Deutschland GmbH	Conference
101	Dr. J. Visumathi	Segmentation of Medical Images with Adaptable Multifunctional Discretization Bayesian Neural Networks and Gaussian Operations	Jan-2023	14	4	https://doi.org/10.32985/ijeccs.14.4.2	J.J. Strossmayer University of Osijek , Faculty of Electrical Engineering, Computer Science and Information Technology	Journal
102	Dr. L. Sharmila	Performance observation of a concurrent compute-intensive vision system in a human-like autonomous intelligent robot	Jun-2023			https://doi.org/10.1016/j.measen.2023.100805	Elsevier Ltd	Journal
103	Dr. M. A. Mukunthan	An Analysis on the Power Consumption of Nodes in Ad hoc IEEE 802.11 Networks	Jan-2023			https://doi.org/10.1109/ICPCSN58827.2023.00201	Institute of Electrical and Electronics Engineers Inc.	Conference
104	Dr. M. A. Mukunthan	Hybrid Approach for the Classification and Detection of Brain Tumors	Jan-2023			https://doi.org/10.1109/ICPCSN58827.2023.00066	Institute of Electrical and Electronics Engineers Inc.	Conference

Sl.No	Faculty Name	Title	Month/Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
105	Dr. M. A. Mukunthan	Control of pests and diseases in plants using IOT Technology	Apr-2023			https://doi.org/10.1016/j.m easen.2023.100713	Elsevier Ltd	Journal
106	Dr. M. A. Mukunthan	DATABASE MANAGEMENT SYSTEM	Jan-23			9789395422772	SHANLAX PUBLISHERS , MADURAI	Book / Book Chapter
107	Dr. M. Kavitha	A real-time e-commerce accessories recommender system by coupling deep learning and histogram features	Jan-2023			https://doi.org/10.3233/JIFS-223754	IOS Press BV	Journal
108	Dr. M. Kavitha	Brain Pathology Detection Using Convolutional Neural Network from EEG Signal	Jan-2023			https://doi.org/10.1007/978-981-99-5997-6_23	Springer Science and Business Media Deutschland GmbH	Conference
109	Dr. M. Kavitha	Enhancing Content Recommendation System using Semantic Awareness with Flamingo Search Optimization and Bi-LSTM	Jan-2023			https://doi.org/10.1109/ICSCSS57650.2023.10169669	Institute of Electrical and Electronics Engineers Inc.	Conference
110	Dr. M. Kavitha	IoT based Forest Fire Detection and Protection System	Jan-2023			https://doi.org/10.1109/ICAISS58487.2023.10250762	Institute of Electrical and Electronics Engineers Inc.	Conference
111	Dr. M. Kavitha	IoT-enabled digital revolution of the healthcare system	Jan-2023			https://doi.org/978-183953778-3	Institution of Engineering and Technology	Book / Book Chapter
112	Dr. M. Kavitha	Katkada: E-Application for Business	Jan-2023			https://doi.org/10.1007/978-981-19-5292-0_42	Springer Science and Business Media Deutschland GmbH	Conference
113	Dr. M. Kavitha	Natural Language Processing: Concepts and Applications using Chatbot	Jan-2023			https://doi.org/10.1109/I-SMAC58438.2023.10290539	Institute of Electrical and Electronics Engineers Inc.	Conference

Sl.No	Faculty Name	Title	Month/Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
114	Dr. M. Kavitha	Pattern Recognition of Durian Foliar Diseases Using Fractal Dimension and Chaos Game	Jan-2023			https://doi.org/10.1007/978-981-99-1745-7_43	Springer Science and Business Media Deutschland GmbH	Conference
115	Dr. M. Kavitha	Pneumonia Detection Using Deep Learning Techniques	Jan-2023			https://doi.org/10.1109/RMKMATE59243.2023.10369493	Institute of Electrical and Electronics Engineers Inc.	Conference
116	Dr. M. Kavitha	Python And Opencv For Sign Language Recognition	Jan-2023			https://doi.org/10.1109/DI-CCT56244.2023.10110225	Institute of Electrical and Electronics Engineers Inc.	Conference
117	Dr. M. Kavitha	Traveling Salesman Problem with Ant Colony Optimization	Jan-2023			https://doi.org/10.1109/ICEAA58104.2023.10212262	Institute of Electrical and Electronics Engineers Inc.	Conference
118	Dr. M. Kavitha	Unraveling Ransomware: Detecting Threats with Advanced Machine Learning Algorithms	Jan-2023	14	9	https://doi.org/10.14569/IJACSA.2023.0140952	Science and Information Organization	Journal
119	Dr. M. Kavitha	An Effective Disease Prediction System using CRF based Butterfly Optimization, Fuzzy Decision Tree and DBN	May-2023			https://doi.org/10.17762/ijritcc.v11i5.6520	Auricle Global Society of Education and Research	Journal
120	Dr. M. Kavitha	A review: Precision vehicle control using internet of things	May-2023			https://doi.org/10.1002/9781394167524.ch12	wiley	Book / Book Chapter
121	Dr. M. Kavitha	Region-based convolutional neural networks for selective search	May-2023			https://doi.org/10.1002/9781394167524.ch10	wiley	Book / Book Chapter
122	Dr. M. Kavitha	Sales demand forecasting for retail marketing using XGBoost algorithm	May-2023			https://doi.org/10.1002/9781394167524.ch9	wiley	Book / Book Chapter
123	Dr. M. Kavitha	Image Clustering and Feature Extraction by Utilizing an Improved Unsupervised Learning Approach	Jun-2023	23	2	https://doi.org/10.2478/cait-2023-0010	Sciendo	Journal

Sl.No	Faculty Name	Title	Month/Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
124	Dr. M. Shankar	A sizeable empirical investigation of bug attributes in Blockchain structures	Jan-2023			https://doi.org/10.1109/ICACITE57410.2023.10183339	Institute of Electrical and Electronics Engineers Inc.	Conference
125	Dr. M. Shankar	An Investigation Using Structural Equation Modelling on Customer Adoption of Internet of Things Assistance	Jan-2023			https://doi.org/10.1109/ICACITE57410.2023.10183168	Institute of Electrical and Electronics Engineers Inc.	Conference
126	Dr. M. Shankar	Analysis of cloud services using OWASP security design	Jan-2023			https://doi.org/10.1109/RMKMATE59243.2023.10369976	Institute of Electrical and Electronics Engineers Inc.	Conference
127	Dr. M. Shankar	IoT based Energy Efficient using Wireless Sensor Network Application to Smart Agriculture	Jan-2023			https://doi.org/10.1109/IDCIoT56793.2023.10053446	Institute of Electrical and Electronics Engineers Inc.	Conference
128	Dr. M. Shankar	MXDD Scheduling Algorithm for MIBC Switches	Jan-2023			https://doi.org/10.1109/ICSCAN58655.2023.10395457	Institute of Electrical and Electronics Engineers Inc.	Conference
129	Dr. M. Shankar	Security Enhancement for the 5G Network Concerns	Jan-2023			https://doi.org/10.1109/ICSCAN58655.2023.10395290	Institute of Electrical and Electronics Engineers Inc.	Conference
130	Dr. M. Shankar	A Coyote Optimization-Based Residual Attention Echo State Reactive Controller for Improving Power Quality in Grid-PV Systems	Mar-2023	11	3	https://doi.org/10.3390/machines11030384	MDPI	Journal
131	Dr. M. Shyamala Devi	A Novel 18-Convolutional Layered Deep U-Net Architecture for COVID-19 Infection Diagnosis Through Object Detection on Lung CT Scan Segmentation	Jan-2023			https://doi.org/10.1007/978-981-19-6088-8_58	Springer Science and Business Media Deutschland GmbH	Conference

Sl.No	Faculty Name	Title	Month/Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
132	Dr. M. Shyamala Devi	A Novel Three Dense Layered Deep Fully Connected Neural Network for Hyperspectral Image Classification	Jan-2023			https://doi.org/10.1007/978-981-19-6088-8_14	Springer Science and Business Media Deutschland GmbH	Conference
133	Dr. M. Shyamala Devi	Alzheimer Disease Detection System using AlexNet a novel Eight Layered Convolutional Neural Network	Jan-2023			https://doi.org/10.1109/GC-ITC60406.2023.10426374	Institute of Electrical and Electronics Engineers Inc.	Conference
134	Dr. M. Shyamala Devi	Batch Normalization based Convolutional Block YOLOv3 Real Time Object Detection of Moving Images with Backdrop Adjustment	Jan-2023			https://doi.org/10.1109/ICSCC59169.2023.10334988	Institute of Electrical and Electronics Engineers Inc.	Conference
135	Dr. M. Shyamala Devi	Batch Normalized Siamese Network Deep Learning Based Image Similarity Estimation	Jan-2023			https://doi.org/10.1109/ICECT56650.2023.10179689	Institute of Electrical and Electronics Engineers Inc.	Conference
136	Dr. M. Shyamala Devi	Component Probabilistic Oversampling-Based Classification for Prediction of Dyslexia	Jan-2023			https://doi.org/10.1007/978-981-19-2358-6_38	Springer	Book / Book Chapter
137	Dr. M. Shyamala Devi	Conv2D Xception Adadelta Gradient Descent Learning Rate Deep learning Optimizer for Plant Species Classification	Jan-2023			https://doi.org/10.1109/ICAECT57570.2023.10117710	Institute of Electrical and Electronics Engineers Inc.	Conference
138	Dr. M. Shyamala Devi	Cross Validated Canonical Variate Analysis for Damage Grading After Math of Earthquake Building	Jan-2023			https://doi.org/10.1007/978-981-19-0095-2_58	Springer Science and Business Media Deutschland GmbH	Conference
139	Dr. M. Shyamala Devi	Drop Out Rate Optimized MobileNet for Health State Classification Using Heart MRI	Jan-2023			https://doi.org/10.1109/ICSCNA58489.2023.10370078	Institute of Electrical and Electronics Engineers Inc.	Conference

Sl.No	Faculty Name	Title	Month/Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
140	Dr. M. Shyamala Devi	Efficient Packet Flow Path Allocation Using Node Proclivity Tracing Algorithm	Jan-2023			https://doi.org/10.1007/978-981-19-8825-7_52	Springer Science and Business Media Deutschland GmbH	Conference
141	Dr. M. Shyamala Devi	Feature Over Exemplification-Based Classification for Revelation of Hypothyroid	Jan-2023			https://doi.org/10.1007/978-981-19-8825-7_24	Springer Science and Business Media Deutschland GmbH	Conference
142	Dr. M. Shyamala Devi	Feature Reduced Anova Element Oversampling Elucidation Based Categorisation for Hepatitis C Virus Prognostication	Jan-2023			https://doi.org/10.1007/978-981-19-8825-7_32	Springer Science and Business Media Deutschland GmbH	Conference
143	Dr. M. Shyamala Devi	Five Layered Mask-RCNN based Dental Disease Detection from Children Panoramic Radiographs	Jan-2023			https://doi.org/10.1109/GCITC60406.2023.10426456	Institute of Electrical and Electronics Engineers Inc.	Conference
144	Dr. M. Shyamala Devi	GlorotUniform Kernel Initializer based Conv2D Sequential Convolutional Neural Network for Diabetic Retinopathy Detection	Jan-2023			https://doi.org/10.1109/EASCT59475.2023.10393224	Institute of Electrical and Electronics Engineers Inc.	Conference
145	Dr. M. Shyamala Devi	Inception Adaptive Gradient L2 Regularized Learning Rate CNN for Strawberry Leaf disease Detection	Jan-2023			https://doi.org/10.1109/ICECCT56650.2023.10179788	Institute of Electrical and Electronics Engineers Inc.	Conference
146	Dr. M. Shyamala Devi	Inception Nesterov Momentum Adam L2 Regularized Learning Rate CNN for Sugarcane Disease Classification	Jan-2023			https://doi.org/10.1109/ICAECT57570.2023.10117792	Institute of Electrical and Electronics Engineers Inc.	Conference
147	Dr. M. Shyamala Devi	Information-Based Image Extraction with Data Mining Techniques for Quality Retrieval	Jan-2023			https://doi.org/10.1007/978-981-19-8825-7_16	Springer Science and Business	Conference

Sl.No	Faculty Name	Title	Month/Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
							Media Deutschland GmbH	
148	Dr. M. Shyamala Devi	Learning Rate Regularized EfficientNet based Rice Grain Classification	Jan-2023			https://doi.org/10.1109/GCITC60406.2023.10426049	Institute of Electrical and Electronics Engineers Inc.	Conference
149	Dr. M. Shyamala Devi	Logistic Multilayer Perceptron Neural Network Classification based Driving Behavior Prediction through Vehicle Motion Data	Jan-2023			https://doi.org/10.1109/ICAECT57570.2023.10117579	Institute of Electrical and Electronics Engineers Inc.	Conference
150	Dr. M. Shyamala Devi	Normalized Sampling Strategical Random Oversampling towards Improving Classifier Performance of Chemical Composition based Ceramic Sample Classification	Jan-2023			https://doi.org/2395-5287	Grenze Scientific Society	Conference
151	Dr. M. Shyamala Devi	Novel Exotic Projected Quantum Kernel Features-Enabled Neural Network for Handwritten Digit Image Classification	Jan-2023			https://doi.org/10.1007/978-981-19-5292-0_32	Springer Science and Business Media Deutschland GmbH	Conference
152	Dr. M. Shyamala Devi	Oversampled Deep Fully Connected Neural Network Towards Improving Classifier Performance for Fraud Detection	Jan-2023			https://doi.org/10.1007/978-981-19-5292-0_34	Springer Science and Business Media Deutschland GmbH	Conference
153	Dr. M. Shyamala Devi	Probable Deviation Outlier-Based Classification of Obesity with Eating Habits and Physical Condition	Jan-2023			https://doi.org/10.1007/978-981-19-8497-6_9	Springer Science and Business Media Deutschland GmbH	Conference
154	Dr. M. Shyamala Devi	Quad Mount Fabricated Deep Fully Connected Neural Network Based Logistic Pricing Prediction	Jan-2023			https://doi.org/10.1007/978-981-99-1203-2_43	Springer Science and Business	Conference

Sl.No	Faculty Name	Title	Month/Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
							Media Deutschland GmbH	
155	Dr. M. Shyamala Devi	ResNet Repeat Vector Optimized Output Layer based Brain Stroke Prediction	Jan-2023			https://doi.org/10.1109/ICAEECI58247.2023.10370938	Institute of Electrical and Electronics Engineers Inc.	Conference
156	Dr. M. Shyamala Devi	RetinaNet Geminated Five Dense Layered Deep Fully Connected Neural Network based Electrical Power Line Suspension Point Detection	Jan-2023			https://doi.org/10.1109/ICAEECI58247.2023.10370842	Institute of Electrical and Electronics Engineers Inc.	Conference
157	Dr. M. Shyamala Devi	Seven Convolutional Nadam Optimized Deep Convolutional Neural Network based Cucumber Leaf Disease Prediction	Jan-2023			https://doi.org/10.1109/ICCCNT56998.2023.10307488	Institute of Electrical and Electronics Engineers Inc.	Conference
158	Dr. M. Shyamala Devi	Six Convolutional Layered Deep Convolutional Neural Network Based Real Time Single Image Super Resolution	Jan-2023			https://doi.org/10.1109/ICOSEC58147.2023.10276350	Institute of Electrical and Electronics Engineers Inc.	Conference
159	Dr. M. Shyamala Devi	Unipolar and Bipolar Mathematical Inference of Weight Adjustment Mode of Single Layer Perceptron on and Logic Gate	Jan-2023			https://doi.org/10.1109/ICAECT57570.2023.10118057	Institute of Electrical and Electronics Engineers Inc.	Conference
160	Dr. M. Shyamala Devi	A Novel Blunge Calibration Intelligent Feature Classification Model for the Prediction of Hypothyroid Disease	Feb-2023	23	3	https://doi.org/10.3390/s23031128	MDPI	Journal
161	Dr. N. R. Rajalakshmi	Bengali Text Summarization with Attention-Based Deep Learning	Jan-2023			https://doi.org/10.1109/ASIANCON58793.2023.10270772	Institute of Electrical and Electronics Engineers Inc.	Conference
162	Dr. N. R. Rajalakshmi	Blockchain-based big data platforms for sustainable smart cities	Jan-2023			https://doi.org/10.1016/B978-0-323-95407-5.00001-3	Elsevier	Book / Book Chapter
163	Dr. N. R. Rajalakshmi	Deep Learning-Based Classification of Indian Classical Music Based on Raga	Jan-2023			https://doi.org/10.1109/ISCON57294.2023.10111985	Institute of Electrical and Electronics Engineers Inc.	Conference

Sl.No	Faculty Name	Title	Month/Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
164	Dr. N. R. Rajalakshmi	Development of Sign Language Recognition Application Using Deep Learning	Jan-2023	445		https://doi.org/10.1007/978-981-19-1412-6_24	Springer Science and Business Media Deutschland GmbH	Conference
165	Dr. N. R. Rajalakshmi	Prediction and classification of skin melanoma cancer using active hybrid machine learning technique	Jan-2023			https://doi.org/10.1088/1742-6596/2580/1/012039	Institute of Physics	Conference
166	Dr. N. R. Rajalakshmi	Prediction of Chronic Heart Disease using Machine Learning	Jan-2023			https://doi.org/10.1007/978-981-19-8497-6_18	Springer Science and Business Media Deutschland GmbH	Conference
167	Dr. N. R. Rajalakshmi	Surplus Data Prediction and Classification of Textual-Data Using Machine and Deep Learning Comparative Analysis	Jan-2023			https://doi.org/10.1109/ICCSAI59793.2023.10421287	Institute of Electrical and Electronics Engineers Inc.	Conference
168	Dr. N. R. Rajalakshmi	Detection and Grade Classification of Diabetic Retinopathy and Adult Vitelliform Macular Dystrophy Based on Ophthalmoscopy Images	Feb-2023	12	4	https://doi.org/10.3390/electronics12040862	Multidisciplinary Digital Publishing Institute (MDPI)	Journal
169	Dr. N. R. Rajalakshmi	6LoWPAN MAC layer parameters optimization using evolutionary algorithm based ANN topology in wireless body area networks	May-2023	44	5	https://doi.org/10.3233/JIFS-222956	IOS Press BV	Journal
170	Dr. N. Rajkumar	A Systematic Pelican Optimization based Weight Extreme Learning Machine Algorithm for Face Emotion Recognition	Jan-2023			https://doi.org/10.22266/ijies2023.1031.46	Intelligent Network and Systems Society	Journal
171	Dr. N. Rajkumar	Efficient Crop yield Analysis Prediction in Modern Agriculture System using Machine Learning Algorithm	Jan-2023			https://doi.org/10.1109/ICDSAAI59313.2023.10452646	Institute of Electrical and Electronics Engineers Inc.	Conference

Sl.No	Faculty Name	Title	Month/Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
172	Dr. N. Rajkumar	LKH Model based Enhancing Security in E - Auction System for Cloud Communication	Jan-2023			https://doi.org/10.1109/ICSCDS56580.2023.10105109	Institute of Electrical and Electronics Engineers Inc.	Conference
173	Dr. N. Rajkumar	Human Face and Facial Expression Recognition Using Deep Learning and SNet Architecture Integrated with BottleNeck Attention Module	Apr-2023			https://doi.org/10.18280/ts.400223	International Information and Engineering Technology Association	Journal
174	Dr. N. Vijayaraj	Analysis of 2.4 GHz Circular Patch Antenna on FR4 Substrate for Wi-Fi and Bluetooth: Exploring Reflection Coefficient, Gain, VSWR, and Current Density Characteristics	Jan-2023			https://doi.org/10.1109/ICCEBS58601.2023.10448885	Institute of Electrical and Electronics Engineers Inc.	Conference
175	Dr. N. Vijayaraj	Auction based Resource Allocation in Cloud Computing using Blockchain Techniques	Jan-2023			https://doi.org/ConferenceProceedings	Grenze Scientific Society	Conference
176	Dr. N. Vijayaraj	Enhancing Quantum Key Distribution Protocols with Machine Learning Techniques	Jan-2023			https://doi.org/10.1109/ICCEBS58601.2023.10448811	Institute of Electrical and Electronics Engineers Inc.	Conference
177	Dr. N. Vijayaraj	Healthcare Data Collection Using Internet of Things and Blockchain Based Decentralized Data Storage	Jan-2023	12	1	https://doi.org/10.14201/adcaij.28612	University of Salamanca	Journal
178	Dr. N. Vijayaraj	Parkinson's Disease Detection by Machine Learning	Jan-2023			https://doi.org/10.1109/ICCEBS58601.2023.10449173	Institute of Electrical and Electronics Engineers Inc.	Conference
179	Dr. N. Vijayaraj	Simultaneous Simulation Study of Metal Product Design Based on Machine Learning Algorithm	Jan-2023			https://doi.org/10.1109/SmartTechCon57526.2023.10391630	Institute of Electrical and Electronics Engineers Inc.	Conference
180	Dr. N. Vijayaraj	Smart Glove for Impaired People to Convert Sign into Voice with Text	Jan-2023			https://doi.org/10.1109/ICCEBS58601.2023.10448892	Institute of Electrical and Electronics Engineers Inc.	Conference

Sl.No	Faculty Name	Title	Month/Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
181	Dr. N. Vijayaraj	HHO-ACO hybridized load balancing technique in cloud computing	Mar-2023			https://doi.org/10.1007/s41870-023-01159-0	Springer Science and Business Media B.V.	Journal
182	Dr. R. Aruna	A Novel Diabetes Prediction Model in Big Data Healthcare Systems Using DA-KNN Technique	Jan-2023			https://doi.org/10.1142/S0219467825500469	World Scientific	Journal
183	Dr. R. Aruna	A Simplified Policy Modification Framework By External provider For Human Medical Record Sharing	Jan-2023			https://doi.org/10.1109/RMKMATE59243.2023.10368795	Institute of Electrical and Electronics Engineers Inc.	Conference
184	Dr. R. Aruna	An Integrated Secure Scalable Blockchain Framework for IoT Communications	Jan-2023	82	1	https://doi.org/10.56042/jsir.v82i1.69929	National Institute of Science Communication and Policy Research	Journal
185	Dr. R. Aruna	Responsive Portfolio Website Using React	Jan-2023			https://doi.org/10.1109/INCOFT60753.2023.10425667	Institute of Electrical and Electronics Engineers Inc.	Conference
186	Dr. R. Aruna	LM-GA: A Novel IDS with AES and Machine Learning Architecture for Enhanced Cloud Storage Security	Apr-2023			https://doi.org/10.53759/7669/jmc202303008	AnaPub Publications	Journal
187	Dr. R. Aruna	A Novel CNN-TLSTM Approach for Dengue Disease Identification and Prevention using IoT-Fog Cloud Architecture	Apr-2023	55	2	https://doi.org/DOI:10.1007/s11063-022-10971-x	Springer	Journal
188	Dr. R. Aruna	PIRAP: Security Assessment Framework for Heterogeneous Web Service Composition	Jun-2023	32	01N02	https://doi.org/10.1142/S0218843022500034	World Scientific	Journal
189	Dr. R. Kavitha	An Imperceptible Method to Monitor Human Activity by Using Sensor Data with CNN and BiDirectional LSTM	Jan-2023			https://doi.org/10.17762/ijritcc.v11i2s.6033	Auricle Global Society of Education and Research	Journal

Sl.No	Faculty Name	Title	Month/Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
190	Dr. R. Srinivasan	A Novel Spider Monkey Optimized Fuzzy C-Means Algorithm (SMOFCM) for Energy-Based Cluster-Head Selection in WSNs	Jan-2023			https://doi.org/10.37391/IJEER.110124	Forex Publication	Journal
191	Dr. R. Srinivasan	Energy Efficient Based Optimized K-Means and Modified Whale Optimization Algorithm for Cluster Head Selection in W	Jan-2023			https://doi.org/19928645	Little Lion Scientific	Journal
192	Dr. R. Srinivasan	A Process of Analyzing Soil Moisture with the Integration of Internet of Things and Wireless Sensor Network	May-2023			https://doi.org/10.1002/9781394167524.ch13	wiley	Book / Book Chapter
193	Dr. R. Suguna	Application of Magnetic Resin based on Grey Clustering Algorithm in Advanced Treatment of Industrial Wastewater	Jan-2023			https://doi.org/10.1109/SmartTechCon57526.2023.10391645	Institute of Electrical and Electronics Engineers Inc.	Conference
194	Dr. R. Suguna	Detection of Vulnerability in Websites Predominantly Against CSRF Using Machine Learning	Jan-2023			https://doi.org/10.1109/ICTACS59847.2023.10389870	Institute of Electrical and Electronics Engineers Inc.	Conference
195	Dr. R. Suguna	Inbuilt Framework Using IoT and Computer Vision Technique for Automatic Visitor Management	Jan-2023			https://doi.org/10.1109/ICEA58529.2023.10395247	Institute of Electrical and Electronics Engineers Inc.	Conference
196	Dr. R. Suguna	Unlocking Sustainable Future: Machine Learning for Precise Energy Efficiency Prediction in Buildings	Jan-2023			https://doi.org/10.1109/MySuruCon59703.2023.10396951	Institute of Electrical and Electronics Engineers Inc.	Conference
197	Dr. R. Suguna	Utilizing Machine Learning for Sport Data Analytics in Cricket: Score Prediction and Player Categorization	Jan-2023			https://doi.org/10.1109/MySuruCon59703.2023.10396955	Institute of Electrical and Electronics Engineers Inc.	Conference
198	Dr. S. Amutha	Analysis of Intrusion Detection in Cyber Attacks using Machine Learning Neural Networks	Jan-2023			https://doi.org/10.1109/ICSCNA58489.2023.10370174	Institute of Electrical and Electronics Engineers Inc.	Conference

Sl.No	Faculty Name	Title	Month/Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
199	Dr. S. Amutha	Improved IDS for Vehicular Ad-Hoc Network using Deep Learning Approaches	Jan-2023			https://doi.org/10.1109/ICACRS58579.2023.10404805	Institute of Electrical and Electronics Engineers Inc.	Conference
200	Dr. S. Jagan	Artificial Intelligence-based scheduling with Multi-Objective Power Optimization in Smart Homes Utilizing Particle Swarm Optimizer	Jan-2023			https://doi.org/10.1109/ICTEASD57136.2023.10585127	Institute of Electrical and Electronics Engineers Inc.	Conference
201	Dr. S. Jagan	Machine Learning with Deep Learning Approach for Cyber Security Threats Prevention Model	Jan-2023			https://doi.org/10.1109/ICSES60034.2023.10465570	Institute of Electrical and Electronics Engineers Inc.	Conference
202	Dr. S. Jagan	Reinforcement Learning-Based Autonomous Collision Prediction and Avoidance System for Vehicles	Jan-2023			https://doi.org/10.1109/ICSES60034.2023.10465417	Institute of Electrical and Electronics Engineers Inc.	Conference
203	Dr. S. Jagan	Research for Predicting Landslide Hazards Protection from Geo Environmental Disaster	Jan-2023			https://doi.org/10.1109/IC3I59117.2023.10397981	Institute of Electrical and Electronics Engineers Inc.	Conference
204	Dr. S. Jagan	Machine Learning Algorithms and Applications	2023			9789395341493	SKRGC Publications	Book / Book Chapter
205	Dr. S. Koteeswaran	Study on Book Recommendation System	Jan-2023			https://doi.org/10.1109/ACCTHPA57160.2023.10083372	Institute of Electrical and Electronics Engineers Inc.	Conference
206	Dr. S. Sridevi	Collating Weather Data and Grocery Cost Using Machine Learning Techniques	Jan-2023			https://doi.org/10.1007/978-3-031-45124-9_3	Springer Science and Business Media Deutschland GmbH	Conference
207	Dr. S. Vinoth Kumar	Deep Learning Algorithms in Mobile Edge with Real-Time Abnormal Event Detection for 5G-IoT Devices	Jan-2023			https://doi.org/10.3991/ijim.v17i17.42805	International Association of Online Engineering	Journal

Sl.No	Faculty Name	Title	Month/Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
208	Dr. S. Vinoth Kumar	Fake News Detection System Using Multinomial Naïve Bayes Classifier	Jan-2023			https://doi.org/10.1007/978-981-19-8825-7_17	Springer Science and Business Media Deutschland GmbH	Conference
209	Dr. S. Vinoth Kumar	Non Small Cell Lung Cancer Diagnosis Using kNN and Logistic Regression	Jan-2023			https://doi.org/10.1109/ICCCNT56998.2023.10307547	Institute of Electrical and Electronics Engineers Inc.	Conference
210	Dr. S. Vinoth Kumar	Big Data Technologies	2023			9789356732858	Evincepub Publishing	Book / Book Chapter
211	Dr. V. Dhilip Kumar	Deep Convolutional Generative Adversarial Network for Metastatic Tissue Diagnosis in Lymph Node Section	Jan-2023			https://doi.org/10.1007/978-3-031-19752-9_9	Springer Science and Business Media Deutschland GmbH	Book / Book Chapter
212	Dr. V. Dhilip Kumar	Efficient Cloud Resource Scheduling with an Optimized Throttled Load Balancing Approach	Jan-2023	77	2	https://doi.org/10.32604/cmc.2023.034764	Tech Science Press	Journal
213	Dr. V. Dhilip Kumar	A Forecasting Approach to Cryptocurrency Price Index Using Reinforcement Learning	Feb-2023	13	4	https://doi.org/10.3390/app13042692	MDPI	Journal
214	Dr. V. Dhilip Kumar	DR-NAP: Data reduction strategy using neural adaptation phenomenon in wireless sensor networks	May-2023	36	8	https://doi.org/10.1002/dac.5467	John Wiley and Sons Ltd	Journal
215	Dr. V. Dhilip Kumar	System Design for Epidemics Using Machine Learning and Deep Learning				978-3-031-19752-9	Springer Science And Business Media Deutschland GmbH	Book / Book Chapter
216	Dr.M J Carmel Mary Belinda	A Novel Model for IoT Blockchain Assurance-Based Compliance to COVID Quarantine	Jan-2023			https://doi.org/10.1007/978-3-031-19752-9_5	Springer Science and Business Media	Book / Book Chapter

Sl.No	Faculty Name	Title	Month/Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
							Deutschland GmbH	
217	Dr.M J Carmel Mary Belinda	Convolutional Neural Networks for Medical Image Segmentation and Classification:A Review	Jan-2023			https://doi.org/10.61186/jist.37936.11.44.347	Iranian Academic Center for Education, Culture and Research	Journal
218	Dr.M J Carmel Mary Belinda	Enhanced Fuzzy Logic Pre-Processing Technique Using Hybridized Bat and PJournalSwarm Optimization Algorithm for Feature Selection	Jan-2023			https://doi.org/10.22266/ijies2023.0630.37	Intelligent Network And Systems Society	Journal
219	Dr.N.Gomathi	Application of Improved Particle Swarm Optimization in Animation Special Effects Design	Jan-2023			https://doi.org/10.1109/SmartTechCon57526.2023.10391748	Institute of Electrical and Electronics Engineers Inc.	Conference
220	Dr.N.Gomathi	Assessing the health ability based on health monitoring using fuzzy for monitoring geriatrics care and amputees	Jan-2023			https://doi.org/10.1007/s00500-023-08229-2	Springer Science and Business Media Deutschland GmbH	Journal
221	Dr.N.Gomathi	Building A Smart Wireless Charging Station For Electric Vehicles	Jan-2023			https://doi.org/10.1109/RMKMATE59243.2023.10369218	Institute of Electrical and Electronics Engineers Inc.	Conference
222	Dr.N.Gomathi	Driving Aid Utilizing Android Application	Jan-2023			https://doi.org/10.1109/I-PACT58649.2023.10434426	Institute of Electrical and Electronics Engineers Inc.	Conference
223	Dr.N.Gomathi	DRIVING ASSISTANCE USING ANDROID APPLICATION	Jan-2023			https://doi.org/10.1109/RMKMATE59243.2023.10369777	Institute of Electrical and Electronics Engineers Inc.	Conference

Sl.No	Faculty Name	Title	Month/Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
224	Dr.N.Gomathi	Early Detection of Breast Cancer using Machine Learning	Jan-2023			https://doi.org/10.1109/ICSCSS57650.2023.10169777	Institute of Electrical and Electronics Engineers Inc.	Conference
225	Dr.N.Gomathi	Effective image segmentation through MRI with fuzzy-based cell detection using deep learning	Jan-2023			https://doi.org/10.1007/s00500-023-08319-1	Springer Science and Business Media Deutschland GmbH	Journal
226	Dr.N.Gomathi	Intelligent Wireless Charging Station for Electric Vehicles	Jan-2023			https://doi.org/10.1109/I-PACT58649.2023.10434437	Institute of Electrical and Electronics Engineers Inc.	Conference
227	Dr.N.Gomathi	Point Sampling Net: Revolutionizing Instance Segmentation in Point Cloud Data	Jan-2023	11		https://doi.org/10.1109/ACCESS.2023.3333280	Institute of Electrical and Electronics Engineers Inc.	Journal
228	Dr.N.Gomathi	Path Segmentation from Point Cloud Data for Autonomous Navigation	Mar-2023	13	6	https://doi.org/10.3390/app13063977	MDPI	Journal
229	Dr.N.Gomathi	LAXITY-Aware Mixed-Criticality task Scheduling for Energy-Efficient Heterogeneous Multicore Processors	May-2023			https://doi.org/19928645	Little Lion Scientific	Journal
230	Dr. N.Malarvizhi	A Web based Application for Missing Person Identification & Information Extraction System using Machine Learning	Jan-2023			https://doi.org/ConferenceProceedings	Grenze Scientific Society	Conference
231	Dr. N.Malarvizhi	Anthracnose Blight Phytophthora Cucumber leaf Prediction through Six Convolutional ADAM Optimized Deep Convolutional Neural Network	Jan-2023			https://doi.org/10.1109/ICACITE57410.2023.10182871	Institute of Electrical and Electronics Engineers Inc.	Conference
232	Dr. N.Malarvizhi	Autonomous Traffic Sign Detection and Recognition in Real Time	Jan-2023			https://doi.org/10.1007/978-981-19-6088-8_36	Springer Science and Business Media	Conference

Sl.No	Faculty Name	Title	Month/Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
233	Dr. N.Malarvizhi	Compressive Strength Estimation of Concrete Blocks using Fully Connected Deep Neural Network	Jan-2023			https://doi.org/Conference Proceedings	Grenze Scientific Society	Conference
234	Dr. N.Malarvizhi	COVID-19 Tracker	Jan-2023			https://doi.org/Conference Proceedings	Grenze Scientific Society	Conference
235	Dr. N.Malarvizhi	Enabling trust and security between fog nodes using blockchain technology	Jan-2023	44	3	https://doi.org/10.3233/JIFS-222014	IOS Press BV	Journal
236	Dr. N.Malarvizhi	IOT Security and Machine Learning Algorithms: Survey and Analysis	Jan-2023			https://doi.org/10.1109/ICOEI56765.2023.10125626	Institute of Electrical and Electronics Engineers Inc.	Conference
237	Dr. N.Malarvizhi	Bi-directional trust management system in fog computing using logistic regression	Feb-2023			https://doi.org/10.11591/ijeecs.v29.i2.pp808-815	Institute of Advanced Engineering and Science	Journal
238	Dr. N.Malarvizhi	A Design of Lightweight ECC Based Cryptographic Algorithm Coupled With Linear Congruential Method For Resource Constraint Area In IoT	May-2023			https://doi.org/10.1007/s12652-020-02788-0	Springer Science and Business Media	Journal
239	Dr. N.Malarvizhi	Augmented Reality and Virtual Reality in E-Governance: An Immersive Technology Applications and Its Challenges	May-2023			https://doi.org/10.4018/978-1-6684-7697-0.ch009	IGI Global	Book / Book Chapter
240	Dr.S.Alex David	Bitcoin Price Forecasting: A Comparison of LSTM and Feedforward Neural Network	Jan-2023			https://doi.org/10.1109/RMKMATE59243.2023.10368720	Institute of Electrical and Electronics Engineers Inc.	Conference
241	Dr.S.Alex David	Deep Learning-Based Lung Cancer Classification: Recent Developments and Future Prospects	Jan-2023			https://doi.org/10.1109/ACCAI58221.2023.10200967	Institute of Electrical and Electronics Engineers Inc.	Conference
242	Dr.S.Alex David	Early Detection of Breast Cancer with IoT: A Promising Solution	Jan-2023			https://doi.org/10.1109/ACCAI58221.2023.10199910	Institute of Electrical and Electronics Engineers Inc.	Conference

Sl.No	Faculty Name	Title	Month/Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
243	Dr.S. Alex David	Missing child monitoring system using deep learning methods a comparison	Jan-2023			https://doi.org/10.1201/9781032684994-53	CRC Press/Balkema	Book / Book Chapter
244	Dr.S.Alex David	Unlocking The Power Of Deep Learning: A Guide To Automatic License Number Recognition	Jan-2023			https://doi.org/10.1109/ICOTL59758.2023.10435008	Institute of Electrical and Electronics Engineers Inc.	Conference
245	Dr. A. Muthukrishnan	Design of Circular Ring Shaped UWB Antenna for BANs and MI Applications	Jan-2023			https://doi.org/10.1109/ICACCS57279.2023.10113090	Institute of Electrical and Electronics Engineers Inc.	Conference
246	Dr. A. Muthukrishnan	A secure quantum technology for smart cities using Travelling Salesman Problem (TSP): Application perspectives	Mar-2023			https://doi.org/10.4018/978-1-6684-6697-1.ch009	IGI Global	Book / Book Chapter
247	Dr. A. Suresh	Hyper Spectral Spatial Image Segmentation Using Machine Learning Algorithms	Jan-2023			https://doi.org/10.1109/iTechSECOM59882.2023.10434969	Institute of Electrical and Electronics Engineers Inc.	Conference
248	Dr. A. Suresh	Removing Gaussian Image Noise Using Advanced Non-Local Means Filtering Techniques	Jan-2023			https://doi.org/10.1109/ICAMS60113.2023.10525727	Institute of Electrical and Electronics Engineers Inc.	Conference
249	Dr. Almas Begum	Medical Data Governance System using Blockchain	Jan-2023			https://doi.org/10.1109/ACCAI58221.2023.10200918	Institute of Electrical and Electronics Engineers Inc.	Conference
250	Dr. D. Haripriya	Design and Optimization of Low-Power VLSI Circuits for IoT Devices	Jan-2023			https://doi.org/10.1109/UPCON59197.2023.10434775	Institute of Electrical and Electronics Engineers Inc.	Conference
251	Dr. D. Sundara Narayana	Blockchain Technology to Improve Cybersecurity: Opportunities and Challenges	Jan-2023			https://doi.org/10.1109/ICIF60088.2023.10420983	Institute of Electrical and Electronics Engineers Inc.	Conference
252	Dr. G. Nallasivan	A Novel Approaches for Detect Liver Tumor Diagnosis using Convolution Neural Network	Jan-2023			https://doi.org/10.1109/WCONF58270.2023.10235001	Institute of Electrical and Electronics Engineers Inc.	Conference

Sl.No	Faculty Name	Title	Month/Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
253	Dr. G. Nallasivan	Machine Learning for Enhanced Cyber Security	Jan-2023			https://doi.org/10.1109/ICSSIT55814.2023.10060896	Institute of Electrical and Electronics Engineers Inc.	Conference
254	Dr. G. Tamilmani	Unusual Event Detection from Surveillance	Jan-2023			https://doi.org/10.1007/978-981-19-3015-7_35	Springer Science and Business Media	Book / Book Chapter
255	Dr. J. Arun Pandian	Quantum Neural Network for Image Classification Using TensorFlow Quantum	Jan-2023			https://doi.org/10.1007/978-981-19-9530-9_10	Springer Science and Business Media	Book / Book Chapter
256	Dr. K. Navaz	RL Based Queue Selection Algorithm for Input Queued Switches: A Theoretical Approach	Jan-2023			https://doi.org/10.1109/ICSCAN58655.2023.10395220	Institute of Electrical and Electronics Engineers Inc.	Conference
257	Dr. K. Rajesh Kambattan	Enhanced Security Technique for Adhoc Transmission Using Hyper Elliptic Curve	Jan-2023			https://doi.org/10.1109/ICCUBEA58933.2023.10392064	Institute of Electrical and Electronics Engineers Inc.	Conference
258	Dr. K. Seethalakshmi	An Effective Approach for Image Denoising Using Wavelet Transform Involving Deep Learning Techniques	Jan-2023			https://doi.org/10.1109/ICOSEC58147.2023.10275904	Institute of Electrical and Electronics Engineers Inc.	Conference
259	Dr. K. Seethalakshmi	Optimization of the ART Tomographic Reconstruction Algorithm - Monte Carlo Simulation	Jan-2023			https://doi.org/10.1109/ICAAIC56838.2023.10141047	Institute of Electrical and Electronics Engineers Inc.	Conference
260	Dr. K. Seethalakshmi	Using NSCTS and DCNN, Rapid Prediction and Forecasting of Breast Cancer	Jan-2023			https://doi.org/10.1109/AIKIIE60097.2023.10390187	Institute of Electrical and Electronics Engineers Inc.	Conference
261	Dr. M. Gokuldhev	Frequent Pattern Mining in Big Data Using Integrated Frequent Pattern (IFP) Growth Algorithm	Jan-2023			https://doi.org/10.1007/978-981-19-2225-1_38	Springer Science and Business Media	Conference

Sl.No	Faculty Name	Title	Month/Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
							Deutschland GmbH	
262	Dr. M. Guru Vimal Kumar	Control of Software-Defined Networks of Unmanned Aerial Vehicles using Distributed Deep Learning	Jan-2023			https://doi.org/10.1109/IC AIS56108.2023.10073872	Institute of Electrical and Electronics Engineers Inc.	Conference
263	Dr. M. Guru Vimal Kumar	Deep Reinforcement Learning for Low-Cost Humanoid Robot Soccer Players: Dynamic Skills and Efficient Transfer	Jan-2023			https://doi.org/10.1109/ICI IP61524.2023.10537661	Institute of Electrical and Electronics Engineers Inc.	Conference
264	Dr. M. Guru Vimal Kumar	Evaluation of the Quality of Practical Teaching of Agricultural Higher Vocational Courses Based on BP Neural Network	Jan-2023	13	2	https://doi.org/10.3390/app 13021180	MDPI	Journal
265	Dr. M. Guru Vimal Kumar	Advanced Image Processing System				https://doi.org/978-93-5757-612-3	Scientific International Publishing House	Book / Book Chapter
266	Dr. M. Ravichandran	A Simple Approach to Analyze and Evaluate Image Segmentation Methods Based on Image Quality Metrics	Jan-2023			https://doi.org/10.1109/AE SPC59761.2023.10390475	Institute of Electrical and Electronics Engineers Inc.	Conference
267	Dr. M. Ravichandran	An Effectual Methodology to Objective Quality Assessment for Noisy and Compressed Images Using Full and Blind Reference Quality Metrics	Jan-2023			https://doi.org/10.1109/AE SPC59761.2023.10390354	Institute of Electrical and Electronics Engineers Inc.	Conference
268	Dr. M. Ravichandran	Comparative Study of Implementation of Very Deep Super Resolution Neural Network and Bicubic Interpolation for Single Image Super Resolution Quality Enhancement	Jan-2023			https://doi.org/10.1109/AE SPC59761.2023.10389860	Institute of Electrical and Electronics Engineers Inc.	Conference
269	Dr. M. S. Arunkumar	An Ensemble Model to Predict Network Traffic Prediction Model Using RB Multicast Protocol	Jan-2023			https://doi.org/10.1109/IC ECA58529.2023.10395075	Institute of Electrical and Electronics Engineers Inc.	Conference

Sl.No	Faculty Name	Title	Month/Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
270	Dr. M. S. Arunkumar	Artificial Intelligence Mechanism to Predict the Effect of Bone Mineral Density in Endocrine Diseases—A Review	Jan-2023			https://doi.org/10.1007/978-981-99-5166-6_5	Springer Science and Business Media Deutschland GmbH	Conference
271	Dr. M. S. Arunkumar	Enhancing IoT-Edge Computation with Data Forwarding based Decentralized Deep Neural Networks	Jan-2023			https://doi.org/10.1109/ICIIP61524.2023.10537705	Institute of Electrical and Electronics Engineers Inc.	Conference
272	Dr. M. S. Arunkumar	Apple and Tomato Leaves Disease Detection using Emperor Penguins Optimizer based CNN	Mar-2023			https://doi.org/10.1109/ICACCS57279.2023.10112941	Institute of Electrical and Electronics Engineers Inc.	Conference
273	Dr. M. S. Murali Dhar	A Machine Learning Approach for the Underwater Investigation of Malicious Activity in a Wireless Sensor Network	Jan-2023			https://doi.org/10.1109/ICSCNA58489.2023.10370730	Institute of Electrical and Electronics Engineers Inc.	Conference
274	Dr. M. S. Murali Dhar	Analysis of Lung Cancer for Developing Smart Healthcare with the Help of BGWO Based TSA-XGBoost Model	Jan-2023			https://doi.org/10.1109/ICSSAS57918.2023.10331761	Institute of Electrical and Electronics Engineers Inc.	Conference
275	Dr. M. S. Murali Dhar	Cloud Infrastructure Security Using a Hybrid AES Encryption Model	Jan-2023			https://doi.org/10.1007/978-981-99-1726-6_24	Springer Science and Business Media	Conference
276	Dr. M. S. Murali Dhar	Privacy Protection for Internet of Medical Things Data Using Effective Outsourced Support Vector Machine Approach	Jan-2023			https://doi.org/10.1201/9781003400110-9	CRC Press	Book / Book Chapter
277	Dr. N. K. Senthil Kumar	A Machine Learning Model for Augmenting the Media Accessibility for the Disabled People	Jan-2023			https://doi.org/10.1109/ICCSAI59793.2023.10420881	Institute of Electrical and Electronics Engineers Inc.	Conference
278	Dr. N. K. Senthil Kumar	Fostering Precise Tomato Disease Detection: A Novel Deep Learning Approach for Agricultural Sustainability	Jan-2023			https://doi.org/10.1109/INCOFT60753.2023.10425785	Institute of Electrical and Electronics Engineers Inc.	Conference

Sl.No	Faculty Name	Title	Month/Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
279	Dr. N. K. Senthil Kumar	GreenGuard: A Fusion Approach for Plant Leaf Disease Detection Using Deep Learning Architecture	Jan-2023			https://doi.org/10.1109/ICDDS59137.2023.10434488	Institute of Electrical and Electronics Engineers Inc.	Conference
280	Dr. N. K. Senthil Kumar	Hyperspectral Image Classification with Deep CNN Using an Enhanced Elephant Herding Optimization for Updating Hyper-Parameters	Mar-2023	12	5	https://doi.org/10.3390/electronics12051157	MDPI	Journal
281	Dr. P. S. Ramesh	Analysis of Text Emotional Tendency and Prediction of Internet Public Opinion Trend Based on Support Vector Machine Algorithm	Jan-2023			https://doi.org/10.1109/SmartTechCon57526.2023.10391708	Institute of Electrical and Electronics Engineers Inc.	Conference
282	Dr. P. S. Ramesh	Enhancing Human-Robot Collaboration through 5G-Enabled Transformation and Image-Guided Control with TYOLOV5 Algorithms	Jan-2023			https://doi.org/10.1109/ICIIP61524.2023.10537726	Institute of Electrical and Electronics Engineers Inc.	Conference
283	Dr. P. S. Ramesh	Machine Learning Approaches on Pedestrian Detection in an autonomous vehicle	Jan-2023			https://doi.org/10.1109/ICECCT56650.2023.10179836	Institute of Electrical and Electronics Engineers Inc.	Conference
284	Dr. P. S. Ramesh	Prediction of Auto-Detection for Tracking of Sub-Nano Scale Pjournalin 2d and 3d Using Svm-Based Deep Learning	Mar-2023			https://doi.org/19928645	Little Lion Scientific	Journal
285	Dr. P. S. Ramesh	Blockchain Technologies Applications And Cryptocurrencies				https://doi.org/9789355156518	Book Rivers	Book / Book Chapter
286	Dr. P. Sivaprakash	ANFIS Grey Wolf Optimized And Secured Path Selection Algorithm For VANET Applications	Jan-2023			https://doi.org/10.1109/ICEMCE57940.2023.10434045	Institute of Electrical and Electronics Engineers Inc.	Conference
287	Dr. P. Sivaprakash	Detection of Anomalies in Pedestrian Walking Using OpenPose and Bidirectional LSTM	Jan-2023			https://doi.org/10.1109/ICOSEC58147.2023.10275989	Institute of Electrical and Electronics Engineers Inc.	Conference
288	Dr. P. Sivaprakash	Hybrid Fuzzy Assisted RNN Algorithm for Diabetic Retinopathy Identification	Jan-2023			https://doi.org/10.1109/ICEMCE57940.2023.10433952	Institute of Electrical and Electronics Engineers Inc.	Conference

Sl.No	Faculty Name	Title	Month/Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
289	Dr. R. Chithambaramani	A Convolutional Neural Network Approach for Crowd Counting	Jan-2023			https://doi.org/10.1109/IC OSEC58147.2023.10276183	Institute of Electrical and Electronics Engineers Inc.	Conference
290	Dr. R. Chithambaramani	Crop Disease Prediction Using Machine Learning	Jan-2023			https://doi.org/10.1109/IC SCAN58655.2023.10395372	Institute of Electrical and Electronics Engineers Inc.	Conference
291	Dr. R. Chithambaramani	ML Algorithm-Based Healthcare Predictor	Jan-2023			https://doi.org/10.1109/IC SCAN58655.2023.10395775	Institute of Electrical and Electronics Engineers Inc.	Conference
292	Dr. R. Chithambaramani	Neural Network-Based Handwritten Character Detection	Jan-2023			https://doi.org/10.1109/IC SCAN58655.2023.10395072	Institute of Electrical and Electronics Engineers Inc.	Conference
293	Dr. R. Chithambaramani	Regression Method-Based Prediction of Wind Power Generation	Jan-2023			https://doi.org/10.1109/IC SCAN58655.2023.10395783	Institute of Electrical and Electronics Engineers Inc.	Conference
294	Dr. R. Chithambaramani	Storage Network Attached Using Raspberry PI	Jan-2023			https://doi.org/10.1109/IC SCAN58655.2023.10395651	Institute of Electrical and Electronics Engineers Inc.	Conference
295	Dr. R. M. Dilip Charaan	Awake/Sleep Mechanism Using LEACH Protocol in WSN - An Energy Efficient Approach	Jan-2023			https://doi.org/10.1109/IC ECONF57129.2023.10083738	Institute of Electrical and Electronics Engineers Inc.	Conference
296	Dr. R. M. Dilip Charaan	Enabling Energy Efficient Communication between Entities Using 5G Assisted Wireless Sensor Networks	Jan-2023			https://doi.org/10.1109/IC SCAN58655.2023.10395066	Institute of Electrical and Electronics Engineers Inc.	Conference
297	Dr. R. M. Dilip Charaan	Enhancement of IoT based Flood Detection and Prevention using Arduino UNO with WiFi Module	Jan-2023			https://doi.org/10.1109/IC ACCS57279.2023.10112673	Institute of Electrical and Electronics Engineers Inc.	Conference

Sl.No	Faculty Name	Title	Month/Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
298	Dr. R. Megiba Jasmine	Machine Learning and Deep Learning Transforming Healthcare: An Extensive Exploration of Applications, Algorithms, and Prospects	Jan-2023			https://doi.org/10.1109/GCAT59970.2023.10353476	Institute of Electrical and Electronics Engineers Inc.	Conference
299	Mrs.D.Hemalatha	Skin Cancer Detection Using Deep Learning Technique	Apr - 2023			https://doi.org/10.1109/INOCN57975.2023.10101344	Institute Of Electrical And Electronics Engineers Inc.	Conference
300	Dr. R. Thanga Selvi	Advanced ML Techniques for Real-Time Air Quality Prediction in Megacities: A Comparative Study	Jan-2023			https://doi.org/10.1109/ICACRS58579.2023.10404351	Institute of Electrical and Electronics Engineers Inc.	Conference
301	Dr. R. Thanga Selvi	An Optimal Bidirectional Gated Recurrent Neural Network Model for Crop Yield Prediction	Jan-2023			https://doi.org/10.1109/ICSSIT55814.2023.10060890	Institute of Electrical and Electronics Engineers Inc.	Conference
302	Dr. R. Thanga Selvi	Improvement of Graph-Based Assets using Blockchain Quality Control	Jan-2023			https://doi.org/10.1109/ICIDCA56705.2023.10099935	Institute of Electrical and Electronics Engineers Inc.	Conference
303	Dr. R. Thanga Selvi	Privacy-Preserving Data Mining Process in Industry	Jan-2023			https://doi.org/10.1109/IITCEE57236.2023.10091069	Institute of Electrical and Electronics Engineers Inc.	Conference
304	Dr. R. Thanga Selvi	Real-Time Vehicle Speed Monitoring and Alerting System to Prevent Road Accidents	Jan-2023			https://doi.org/10.1109/ICOSEC58147.2023.10276087	Institute of Electrical and Electronics Engineers Inc.	Conference
305	Dr. S. Athinarayanan	An Advanced Strategy for Efficient Agricultural Production using Machine Learning	Jan-2023			https://doi.org/10.1109/ICACRS58579.2023.10405182	Institute of Electrical and Electronics Engineers Inc.	Conference
306	Dr. S. Athinarayanan	Uncertainty-Aware Functional Analysis for Electricity Consumption Prediction Using Multi-Task Optimization Learning Model	Jan-2023			https://doi.org/10.1109/CS ET58993.2023.10346821	Institute of Electrical and Electronics Engineers Inc.	Conference

Sl.No	Faculty Name	Title	Month/Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
307	Dr. S. Athinarayanan	Using Pattern Analysis and Machine Learning to Categorise users of Online Directories based on their Surfing Habits	Jan-2023			https://doi.org/10.1109/ICSCNA58489.2023.10370171	Institute of Electrical and Electronics Engineers Inc.	Conference
308	Dr. S. Durai	Car Defect Detection Using Image Processing	Jan-2023			https://doi.org/10.1109/ICECONF57129.2023.10083542	Institute of Electrical and Electronics Engineers Inc.	Conference
309	Dr. S. Durai	Data Visualization for Corona Patients Globally using Real-Time APIs	Jan-2023			https://doi.org/10.1109/ICSCDS56580.2023.10105077	Institute of Electrical and Electronics Engineers Inc.	Conference
310	Dr. S. Durai	Deep Learning-Based Facial Emotion Analysis	Jan-2023			https://doi.org/10.1007/978-981-99-1745-7_35	Springer Science and Business Media	Conference
311	Dr. S. Durai	Image Classification for Potato Plant Leaf Disease Detection using Deep Learning	Jan-2023			https://doi.org/10.1109/ICSCSS57650.2023.10169446	Institute of Electrical and Electronics Engineers Inc.	Conference
312	Dr. S. Durai	IoMT with Deep CNN: AI-Based Intelligent Support System for Pandemic Diseases	Jan-2023	12	2	https://doi.org/10.3390/electronics12020424	MDPI	Journal
313	Dr. S. Ravikumar	An Elderly Fall Detection System Using Enhanced Random Forest in Machine Learning	Jan-2023			https://doi.org/10.3390/engproc2023059172	Multidisciplinary Digital Publishing Institute (MDPI)	Journal
314	Dr. S. Ravikumar	An Extensive Machine Learning Framework Employing Ensemble Classifiers for Heart Disease Detection	Jan-2023			https://doi.org/10.1109/ICIMIA60377.2023.10426591	Institute of Electrical and Electronics Engineers Inc.	Conference
315	Dr. S. Ravikumar	Animal Intrusion Detection System: Protected Crops and Promoted Safety using Machine Learning	Jan-2023			https://doi.org/10.1109/RMKMATE59243.2023.10368943	Institute of Electrical and Electronics Engineers Inc.	Conference

Sl.No	Faculty Name	Title	Month/Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
316	Dr. S. Ravikumar	Improving E-commerce Fraud Detection via Machine Learning: Comparative Evaluation of Model Effectiveness	Jan-2023			https://doi.org/10.1109/ICSES60034.2023.10465515	Institute of Electrical and Electronics Engineers Inc.	Conference
317	Dr. S. Ravikumar	Methodical Tamil Character Recognition Using Fabricated CNN Model	Jan-2023			https://doi.org/10.1109/ICCCI56745.2023.10128316	Institute of Electrical and Electronics Engineers Inc.	Conference
318	Dr. S. Ravikumar	Predicting and Analysing Lumpy Skin Disease Using Ensemble of Machine Learning Models	Jan-2023			https://doi.org/10.1109/GCITC60406.2023.10425950	Institute of Electrical and Electronics Engineers Inc.	Conference
319	Dr. S. Ravikumar	Prediction of Rental Demands using different Machine Learning Algorithms	Jan-2023			https://doi.org/10.1109/ICCCI56745.2023.10128331	Institute of Electrical and Electronics Engineers Inc.	Conference
320	Dr. S. Ravikumar	ThresholdedReLU Orthogonal Layer Weight Regularized Densely Connected Convolutional Networks CNN for Strawberry Disease Prediction	Jan-2023			https://doi.org/10.1109/INOCN57975.2023.10101003	Institute of Electrical and Electronics Engineers Inc.	Conference
321	Dr.N.R.Rajalakshmi	Dual-channel capsule generation adversarial network based blockchain technology for a secured dynamic optimal routing in mobile ad hoc network	Feb-2023	34	2	https://doi.org/DOI:10.1002/ett.4692	John Wiley and Sons Inc	Journal
322	Dr. S. Saravanan	Research on Optimization Algorithm of Real Estate Enterprise Value Evaluation Based on BP Neural Network	Jan-2023			https://doi.org/10.1109/SmartTechCon57526.2023.10391563	Institute of Electrical and Electronics Engineers Inc.	Conference
323	Dr. S. Saravanan	Image Noise Removal in Ultrasound Breast Images Based on Hybrid Deep Learning Technique	Feb-2023	23	3	https://doi.org/10.3390/s23031167	MDPI	Journal
324	Dr. S. Saravanan	Local-Ternary-Pattern-Based Associated Histogram Equalization Technique for Cervical Cancer Detection	Feb-2023	13	3	https://doi.org/10.3390/diagnostics13030548	Multidisciplinary Digital Publishing Institute (MDPI)	Journal

Sl.No	Faculty Name	Title	Month/Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
325	Dr. S. Saravanan	Grade Classification of Tumors from Brain Magnetic Resonance Images Using a Deep Learning Technique	Mar-2023	13	6	https://doi.org/10.1016/j.bspc.2025.107490	Multidisciplinary Digital Publishing Institute (MDPI)	Journal
326	Dr. S. Saravanan	A Framework of Faster CRNN and VGG16-Enhanced Region Proposal Network for Detection and Grade Classification of Knee RA	Apr-2023	13	8	https://doi.org/10.3390/diagnostics13081385	Multidisciplinary Digital Publishing Institute (MDPI)	Journal
327	Dr. T. B. Sivakumar	Advancing Precision Heart Disease Diagnosis for Proactive Healthcare Management using RF-IGE	Jan-2023			https://doi.org/10.1109/ICIIP61524.2023.10537779	Institute of Electrical and Electronics Engineers Inc.	Conference
328	Dr. T. Saju Raj	Efficient Congestion Control Through Energy and Traffic-Aware Clustering In Future Wireless Sensor Networks	Jan-2023			https://doi.org/10.1109/INCOFT60753.2023.10425744	Institute of Electrical and Electronics Engineers Inc.	Conference
329	Dr. T. Saju Raj	Traffic Aware Clustering for Congestion Control in Future Wireless Sensor Networks	Jan-2023			https://doi.org/10.1109/INCOFT60753.2023.10425256	Institute of Electrical and Electronics Engineers Inc.	Conference
330	Dr. T. Vijayanandh	A Logical Design of Internet of Things Assisted Digital Health Record Monitoring System using Deep Learning Principles	Jan-2023			https://doi.org/10.1109/GCITC60406.2023.10425885	Institute of Electrical and Electronics Engineers Inc.	Conference
331	Dr. V. Jeevanantham	A Concept-based Ontology Mapping Method for Effective Retrieval of Bio-Medical Documents	Jan-2023			https://doi.org/10.1109/ICACCS57279.2023.10113073	Institute of Electrical and Electronics Engineers Inc.	Conference
332	Dr. V. Jeevanantham	Quantifying Functional Connectivity Network Through Synchronization and Graph Theory Approaches for Seizure Prediction	Mar-2023	129	1	https://doi.org/10.1007/s11277-022-10154-w	Springer	Journal
333	Dr. V. Jeevanantham	Wireless Sensor Networks Based on Multi-Criteria Clustering and Optimal Bio-	Mar-2023	13	5	https://doi.org/10.3390/app13052801	MDPI	Journal

Sl.No	Faculty Name	Title	Month/Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
		Inspired Algorithm for Energy-Efficient Routing						
334	Dr. V. Jeevanantham	Scalable and Energy Efficient Cluster Based Anomaly Detection Against Denial of Service Attacks in Wireless Sensor Networks	Apr-2023	129	4	https://doi.org/10.1007/s11277-023-10252-3	Springer	Journal
335	Dr. V. Kalpana	Dimensionality Reduction with DLMNN Technique for Handling Secure Medical Data in Healthcare-IoT Model	Jan-2023			https://doi.org/10.1109/IC AIS56108.2023.10073679	Institute of Electrical and Electronics Engineers Inc.	Conference
336	Dr. Karthick S	A Novel Approach for Integrated Shortest Path Finding Algorithm (ISPSA) Using Mesh Topologies and Networks-on-Chip (NOC)	Jan-2023			https://doi.org/10.17762/ijritcc.v11i1s.5990	Auricle Global Society of Education and Research	Journal
337	Dr. R. Parthasarathy	Safety Wearable Devices for Monitoring and Predicting the Emergency of Civil Workers Using Mobile Application	Jan-2023			https://doi.org/10.1109/IC SES60034.2023.10465493	Institute of Electrical and Electronics Engineers Inc.	Conference
338	Dr.S.Sankara Narayanan	Security and Privacy in Wireless Sensor Networks Using Intrusion Detection Models to Detect DDOS and Drdos Attacks: A Survey	Jan-2023			https://doi.org/10.1109/SC EECS57921.2023.10063057	Institute of Electrical and Electronics Engineers Inc.	Conference
339	Dr. C. Gokulnath	Agreement-Induced Data Verification Model for Securing Vehicular Communication in Intelligent Transportation Systems	Jan-2023	24	1	https://doi.org/10.1109/TI TS.2022.3191757	Institute of Electrical and Electronics Engineers Inc.	Journal
340	Dr. C. M. Chidambaranathan	A Powerful Load Balancing Algorithm for Cloud Performance Evaluation	Jan-2023			https://doi.org/10.1109/ICI RCA57980.2023.10220595	Institute of Electrical and Electronics Engineers Inc.	Conference
341	Dr. C. M. Chidambaranathan	Energetic and Smart Design of Battery Management Scheme to Improve the Lifetime of Electric Vehicles	Jan-2023			https://doi.org/10.1109/IC SCNA58489.2023.10370412	Institute of Electrical and Electronics Engineers Inc.	Conference

Sl.No	Faculty Name	Title	Month/Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
342	Dr. C. Saranya Jothi	The Impact of Hepatitis Disease in Pre-processing Approach Using Fuzzy with May-Fly Optimization and Ensemble Classification	Jan-2023			https://doi.org/10.22266/ijies2023.1231.24	Intelligent Network and Systems Society	Journal
343	Dr. C. Saranya Jothi	Secure video steganography using key frame and region selection technique	Mar-2023			https://doi.org/10.1007/s41870-023-01180-3	Springer Science and Business Media B.V.	Journal
344	Dr. D. Dhinakaran	A Research on Metaverse and its Application	Jan-2023			https://doi.org/10.1109/WCONF58270.2023.10235216	Institute of Electrical and Electronics Engineers Inc.	Conference
345	Dr. D. Dhinakaran	Fish Farm Monitoring System Using IoT	Jan-2023			https://doi.org/10.1109/ICSCAN58655.2023.10395013	Institute of Electrical and Electronics Engineers Inc.	Conference
346	Dr. D. Dhinakaran	Hybrid Feature Extraction for Analysis of Network System Security—IDS	Jan-2023			https://doi.org/10.1007/978-981-99-5080-5_3	Springer Science and Business Media Deutschland GmbH	Conference
347	Dr. D. Dhinakaran	IoT Based Automated Irrigation System for Agricultural Activities	Jan-2023			https://doi.org/10.1109/ICoAC59537.2023.10249426	Institute of Electrical and Electronics Engineers Inc.	Conference
348	Dr. D. Dhinakaran	Levarging Blockchain for Transparency in Agriculture Supply Chain Management Using IoT and Machine Learning	Jan-2023			https://doi.org/10.1109/WCONF58270.2023.10235156	Institute of Electrical and Electronics Engineers Inc.	Conference
349	Dr. D. Dhinakaran	Multiple Precision Arithmetic with Blowfish Crypto Method for Medical Data Storage Using Blockchain Technology	Jan-2023			https://doi.org/10.1109/ICSES60034.2023.10465488	Institute of Electrical and Electronics Engineers Inc.	Conference

Sl.No	Faculty Name	Title	Month/Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
350	Dr. D. Dhinakaran	Optimized Retrieval of Data from Cloud using Hybridization of Bellstra Algorithm	Jan-2023			https://doi.org/10.1109/WCONF58270.2023.10234974	Institute of Electrical and Electronics Engineers Inc.	Conference
351	Dr. D. Dhinakaran	Optimizing Mobile Ad Hoc Network Routing using Biomimicry Buzz and a Hybrid Forest Boost Regression - ANNs	Jan-2023	14	12	https://doi.org/10.14569/IJACSA.2023.0141209	Science and Information Organization	Journal
352	Dr. D. Femi	Automated Moisture Monitoring and Irrigation Vehicle for Smart Agriculture	Jan-2023			https://doi.org/10.1109/ICACRS58579.2023.10404306	Institute of Electrical and Electronics Engineers Inc.	Conference
353	Dr. D. Femi	Plant leaf infected spot segmentation using robust encoder-decoder cascaded deep learning model	Jan-2023			https://doi.org/10.1080/0954898X.2023.2286002	Taylor and Francis Ltd.	Journal
354	Dr. D. Lissy	Breast Cancer Diagnosis in Radiology Images Using Transfer Learning Technique	Jan-2023			https://doi.org/10.1109/ICAMS60113.2023.10526195	Institute of Electrical and Electronics Engineers Inc.	Conference
355	Dr. D. Lissy	Role of IoT in Precision Agriculture and Detecting and Classifying Rice Leaf Diseases using CNN Method of Deep Learning	Jan-2023			https://doi.org/10.1109/RMKMATE59243.2023.10369919	Institute of Electrical and Electronics Engineers Inc.	Conference
356	Dr. E. Sivajothi	A Novel Framework in Scheduling Packets for Energy-Efficient Bandwidth Allocation in Wireless Networks	Jan-2023			https://doi.org/10.1109/ICAAIC56838.2023.10140669	Institute of Electrical and Electronics Engineers Inc.	Conference
357	Dr. E. Sivajothi	Identification of Wheat Leaf Diseases Based on Deep Learning Algorithms	Jan-2023			https://doi.org/10.1109/ICECA58529.2023.10395640	Institute of Electrical and Electronics Engineers Inc.	Conference
358	Dr. G. Mariammal	An Empirical Evaluation of Machine Learning Techniques for Crop Prediction	Jan-2023	8	4	https://doi.org/10.9781/ijimai.2022.12.004	Universidad Internacional de la Rioja	Journal
359	Dr. J. Vimala Ithayan	Unleashing the Potential of IoT in Tackling Ocean Pollution: A Data-Driven Approach for Marine Ecosystem Conservation	Jan-2023			https://doi.org/10.1109/SmartTechCon57526.2023.10391593	Institute of Electrical and Electronics Engineers Inc.	Conference

Sl.No	Faculty Name	Title	Month/Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
360	Dr. K. Antony Kumar	Smart Device to Check Harmful Chemicals in Fruits and Vegetables	Jan-2023			https://doi.org/10.1109/ICCMC56507.2023.10084204	Institute of Electrical and Electronics Engineers Inc.	Conference
361	Dr. K. Antony Kumar	Unveiling Insights: Harnessing AI for Lung Disease Detection and Classification	Jan-2023			https://doi.org/10.1109/RMKMATE59243.2023.10369741	Institute of Electrical and Electronics Engineers Inc.	Conference
362	Dr. K. Antony Kumar	Intelligent Early Diagnosis System against Strep Throat Infection Using Deep Neural Networks	May-2023			https://doi.org/10.17762/ijritcc.v11i5.6519	Auricle Global Society of Education and Research	Journal
363	Dr. K. Kishore Kumar	Energy Proficient and Dependable Cluster Routing in Wireless Sensor Network	Jan-2023			https://doi.org/10.1109/IITCEE57236.2023.10091001	Institute of Electrical and Electronics Engineers Inc.	Conference
364	Dr. K. Kishore Kumar	Harnessing IoT for Road Safety: Intelligent Helmets with Ignition Shut-off	Jan-2023			https://doi.org/10.1109/TECCON59234.2023.10335877	Institute of Electrical and Electronics Engineers Inc.	Conference
365	Dr. K. Nithya	Detection of Malicious Messages from Mobile Computing Devices Using NLP and Slack Integration	Jan-2023			https://doi.org/10.1109/ICSES60034.2023.10465341	Institute of Electrical and Electronics Engineers Inc.	Conference
366	Dr. K. Nithya	A Deep Learning Data Augmentation Experiment to Classify Agricultural Soil Moisture to Conserve Plants	May-2023			https://www.ijisae.org/index.php/IJISAE/article/view/2834	Ismail Saritas	Journal
367	Dr. K. Nithya	Digital Marketing				978-9355854353	Technical Publications, Pune	Book / Book Chapter
368	Dr. K. Prema	A Novel Metaheuristic Algorithm Optimized Deep CNN-LSTM Model for Amla Disease Identification	Jan-2023			https://doi.org/10.1109/ACCAI58221.2023.10200761	Institute of Electrical and Electronics Engineers Inc.	Conference
369	Dr. K. Prema	Parallel Mirrors Based Marine Predator Optimization Algorithm with Deep	Jan-2023			https://doi.org/10.37391/IJEER.110204	Forex Publication	Journal

Sl.No	Faculty Name	Title	Month/Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
		Learning Model for Quality and Shelf-Life Prediction of Shrimp						
370	Dr. K. Prema	Smart Prediction Models for Energy Efficiency in Smart Residential Buildings: A Deep Learning Approach	Jan-2023			https://doi.org/10.1109/ICTEASD57136.2023.10585084	Institute of Electrical and Electronics Engineers Inc.	Conference
371	Dr. K. Prema	A Novel Marine Predators Optimization based Deep Neural Network for Quality and Shelf-Life Prediction of Shrimp	Feb-2023			https://doi.org/10.17762/ijritcc.v11i3s.6156	Auricle Global Society of Education and Research	Journal
372	Dr. N. K. Manikandan	IoT-Based Wearable Devices for Personal Safety and Accident Prevention Systems	Jan-2023			https://doi.org/10.1109/SmartTechCon57526.2023.10391691	Institute of Electrical and Electronics Engineers Inc.	Conference
373	Dr. N. Manjunathan	DCTCADM: Data-Centric Cognitive Agent Decision Making Based an Effective Handoff for Heterogeneous Wireless Communication	Jan-2023			https://doi.org/10.1109/ICRTAC59277.2023.10480862	Institute of Electrical and Electronics Engineers Inc.	Conference
374	Dr. N. Manjunathan	IoT based Gas Leakage Detection System	Jan-2023			https://doi.org/10.1109/ICSCDS56580.2023.10105018	Institute of Electrical and Electronics Engineers Inc.	Conference
375	Dr. P. J. Beslin Pajila	A Comprehensive Survey on Naive Bayes Algorithm: Advantages, Limitations and Applications	Jan-2023			https://doi.org/10.1109/ICOSEC58147.2023.10276274	Institute of Electrical and Electronics Engineers Inc.	Conference
376	Dr. P. J. Beslin Pajila	A Survey on Natural Language Processing and its Applications	Jan-2023			https://doi.org/10.1109/ICESC57686.2023.10193469	Institute of Electrical and Electronics Engineers Inc.	Conference
377	Dr. P. J. Beslin Pajila	Leveraging Machine Learning for Customer Intelligence: An Experimental Analysis Learning Classifiers	Jan-2023			https://doi.org/10.1016/j.procs.2023.12.068	Elsevier B.V.	Conference

Sl.No	Faculty Name	Title	Month/Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
378	Dr. P. Rajesh	Autism Spectrum Disorder Prediction Using Linear Discriminant Analysis	Jan-2023			https://doi.org/10.1109/ICOTL59758.2023.10435316	Institute of Electrical and Electronics Engineers Inc.	Conference
379	Dr. P. Rajesh	“Quo Vadis Diagnosis”: Application of Informatics in Early Detection of Pneumothorax	Apr-2023			https://doi.org/10.3390/diagnostics13071305	Multidisciplinary Digital Publishing Institute (MDPI)	Journal
380	Dr. R. Umanesan	Application of BiLSTM-CRF Approach and its Application for Better Decisions in Human Resource Management Processes	Jan-2023			https://doi.org/10.1109/ICSCNA58489.2023.10370629	Institute of Electrical and Electronics Engineers Inc.	Conference
381	Dr. R. Umanesan	Innovative Method for Predicting Vehicle Speed Detection using Fuzzy Local Information Means and CNN	Jan-2023			https://doi.org/10.1109/ICSCSS57650.2023.10169523	Institute of Electrical and Electronics Engineers Inc.	Conference
382	Dr. R. Umanesan	Optimal Configuration Planning of Multi-Energy Systems using Optimization-based Deep Learning Technique	Jan-2023	51	14	https://doi.org/10.1080/15325008.2023.2199750	Taylor and Francis Ltd.	Journal
383	Dr. S. Jagadeesh	Automated Arrhythmia Classification using Harris Hawks Optimization with Deep Learning Model on IoT Environment	Jan-2023			https://doi.org/10.1109/AIS56108.2023.10073736	Institute of Electrical and Electronics Engineers Inc.	Conference
384	Dr. S. Manoj	Analysis of shift in Indian monsoon and prediction of accumulated cyclone energy in Indian subcontinent using deep learning	Jan-2023	64	4	https://doi.org/10.1080/00051144.2023.2250640	Taylor and Francis Ltd.	Journal
385	Dr. S. Manoj	Prediction of Heat and Cold Wave Events and Analysis of Greenhouse Gas Impacts	Jan-2023			https://doi.org/10.1109/ICES60034.2023.10465579	Institute of Electrical and Electronics Engineers Inc.	Conference
386	Dr. S. Saran Raj	Efficient Resource Allocation to Improve the Quality of Services in Cloud Computing	Jan-2023			https://doi.org/10.1109/RMKMATE59243.2023.10369116	Institute of Electrical and Electronics Engineers Inc.	Conference

Sl.No	Faculty Name	Title	Month/Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
387	Dr. S. Saran Raj	Investigation of Endorsement Guideline Protocol Actuality Problem Using Blowfish AES Algorithm	Jan-2023			https://doi.org/10.1109/INCOFT60753.2023.10425489	Institute of Electrical and Electronics Engineers Inc.	Conference
388	Dr. S. Thylashri	Meta-Classifer Driven Exploration of Large-Scale Wetland Dynamics with Time Series Satellite Imagery	Jan-2023			https://doi.org/10.1109/ICOSEC58147.2023.10275965	Institute of Electrical and Electronics Engineers Inc.	Conference
389	Dr. S. Thylashri	Water Quality Monitoring with Satellite Image Using Convolutional Neural Network	Jan-2023			https://doi.org/10.1109/ICCCNT56998.2023.10306619	Institute of Electrical and Electronics Engineers Inc.	Conference
390	Dr. S. Yazhinian	Whale Optimization-Driven Generative Convolutional Neural Network Framework for Anaemia Detection from Blood Smear Images	Jan-2023	14	7	https://doi.org/10.14569/IJACSA.2023.0140765	Science and Information Organization	Journal
391	Dr. T. Kamaleshwar	A Robust Blind Watermarking Technique for Improved Medical Image Security	Jan-2023			https://doi.org/10.1109/ICSCAN58655.2023.10395203	Institute of Electrical and Electronics Engineers Inc.	Conference
392	Dr. V. Ramkumar	An In-Depth Analysis of Electric Vehicle Charging Station Based on LSTM and SVM Hybrid Model	Jan-2023			https://doi.org/10.1109/ICECA58529.2023.10395692	Institute of Electrical and Electronics Engineers Inc.	Conference
393	Dr. V. Ramkumar	Detection of Burst Header Packet Flooding Attacks via Optimization based Deep Learning Framework in Optical Burst Switching Network	Jan-2023	53	3	https://doi.org/10.33180/InfMIDEM2023.304	Society for Microelectronics, Electric Components and Materials	Journal
394	Dr.N.Noora Alleema	Smart Agricultural Field Monitoring System	Jan-2023			https://doi.org/10.1007/978-981-99-1745-7_48	Springer Science and Business Media Deutschland GmbH	Conference

Sl.No	Faculty Name	Title	Month/Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
395	Dr.N.Noor Alleema	AVQS-NN: Adaptive Virtualization for Quantum Services for application support using Neural Networks	Mar-2023	136		https://doi.org/10.1016/j.asoc.2023.110075	Elsevier Ltd	Journal
396	Dr.P.P.Devi	Analysis of Directional Projection Characteristics Based on Convolution Neural Network Algorithm and Application of Cultural Relics Authenticity Identification	Jan-2023			https://doi.org/10.1109/SmartTechCon57526.2023.10391296	Institute of Electrical and Electronics Engineers Inc.	Conference
397	Dr.R.Anandh	Attacks in Wireless Sensor Networks: Detection and Mitigation using Hybrid Propagation Mitigation Protocol	Jan-2023			https://doi.org/10.1109/ICECA58529.2023.10394841	Institute of Electrical and Electronics Engineers Inc.	Conference
398	Dr. R. Rajesh	Possession of Alliance with Distinct Organization for Contingency Model	Jan-2023			https://doi.org/10.1109/RMKMATE59243.2023.10369230	Institute of Electrical and Electronics Engineers Inc.	Conference
399	Mr. A. Ahamed Haris	Exploring the Efforts of IAN-BGRU Justifications in Food Recommender System and its User Preferences	Jan-2023			https://doi.org/10.1109/ICSSAS57918.2023.10331717	Institute of Electrical and Electronics Engineers Inc.	Conference
400	Mr. A. Arul Prasath	Cloud Server Based Intelligent Health Care Kit using Body Sensor Network	Jan-2023			https://doi.org/10.1109/SmartTechCon57526.2023.10391445	Institute of Electrical and Electronics Engineers Inc.	Conference
401	Mr. A. Arul Prasath	Using the Cooperative Nodes for Diminishing the Packet Drops in Mobile WSN	Jan-2023			https://doi.org/10.1109/ICAIS56108.2023.10073906	Institute of Electrical and Electronics Engineers Inc.	Conference
402	Mr. A. G. Balamurugan	The Role of Edge Computing in Pandemic and Epidemic Situations with Its Solutions	Jan-2023			https://doi.org/10.1007/978-3-031-19752-9_12	Springer Science and Business Media Deutschland GmbH	Book / Book Chapter

Sl.No	Faculty Name	Title	Month/Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
403	Mr. D. Manivannan	Block Chain based Malware Detection System for Smartphone Application	Jan-2023			https://doi.org/10.1109/ICCES57224.2023.10192643	Institute of Electrical and Electronics Engineers Inc.	Conference
404	Mr. D. Manivannan	Analysis On Twitter Sentiment Tweets	Jan-2023			https://doi.org/10.1063/5.0112599	American Institute of Physics Inc.	Conference
405	Mr. D. Manivannan	Detecting Diabetes using Machine Learning Techniques and Python GUI	Jan-2023			https://doi.org/10.1063/5.0111455	American Institute of Physics Inc.	Conference
406	Mr. I. Vasudevan	Leveraging Network Vulnerability Detection using Improved Import Vector Machine and Cuckoo Search based Grey Wolf Optimizer	Jan-2023			https://doi.org/10.1109/ICOTL59758.2023.10435119	Institute of Electrical and Electronics Engineers Inc.	Conference
407	Mr. J. Vivek	Software Design of VerilogHDL Code Generation for Ladder Diagram and Data Acquisition Using LABVIEW	Jan-2023	128	2	https://doi.org/DOI:10.21203/rs.3.rs-663333/v1	Springer	Journal
408	Mr. K. Prbakaran	A NOVEL DESIGN OF A MODEL TO BUILD THE SECURITY LOCK SYSTEMS	Jan-2023			https://doi.org/13104772	Scibulcom Ltd.	Journal
409	Mr. K. Prbakaran	A Novel Wireless Radio Technology Paradigm for Next Generation Wireless Networks	Jan-2023			https://doi.org/10.1109/ICSPC57692.2023.10125889	Institute of Electrical and Electronics Engineers Inc.	Conference
410	Mr. K. Prbakaran	AN EARLY DIABETES DISEASES PREDICTION USING MACHINE LEARNING WITH OPTIMAL FEATURES SELECTION	Jan-2023			https://doi.org/10.1109/RMKMATE59243.2023.10369382	Institute of Electrical and Electronics Engineers Inc.	Conference
411	Mr. K. Prbakaran	Code Smell Detection using Hybrid Machine Learning Algorithms	Jan-2023			https://doi.org/10.1109/ICIRCA57980.2023.10220911	Institute of Electrical and Electronics Engineers Inc.	Conference
412	Mr. K. Prbakaran	Deep learning model for Classifying leaves of Plants using VGG-16	Jan-2023			https://doi.org/10.1109/ICCCNT56998.2023.10307012	Institute of Electrical and Electronics Engineers Inc.	Conference

Sl.No	Faculty Name	Title	Month/Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
413	Mr. K. Prabakaran	Sentiment Analysis of National Eligibility-Cum Entrance Test on Twitter Data Using Machine Learning Techniques	Jan-2023			https://doi.org/10.4028/p-8fy5ca	Trans Tech Publications Ltd	Conference
414	Mr. K. Sankar Ganesh	Introduction to Machine Learning	2023			978-81-19313-68-6	Global Aasan Research	Book / Book Chapter
415	Mr. K. Sri Raman	Enhancing Pedestrian Safety in Autonomous Vehicles through Machine Learning	Jan-2023			https://doi.org/10.1109/ICSCNA58489.2023.10370173	Institute of Electrical and Electronics Engineers Inc.	Conference
416	Mr. M. Dharma Teja	Deep Learning-Based GYM Monitoring System using YOLOv5 and Pose Estimation Algorithm	Jan-2023			https://doi.org/10.1109/ICEA58529.2023.10394921	Institute of Electrical and Electronics Engineers Inc.	Conference
417	Mr. M. Dharma Teja	Wireless Networks	2023			978-93-5757-514-0	Scientific International Publishing House (Siph)	Book / Book Chapter
418	Mr. M. Velmurugan	Evaluation of feature scaling for improving the performance of supervised learning methods	Jun-2023			https://doi.org/10.11591/eei.v12i3.5170	Institute of Advanced Engineering and Science	Journal
419	Mr. N. Siva Rama Lingham	Automation of COVID-19 Disease Diagnosis from Radiograph	Jan-2023			https://doi.org/10.1007/978-3-031-19752-9_3	Springer Science and Business Media	Book / Book Chapter
420	Mr. P. Libinjacob	Machine Learning Algorithms for Detecting Fake Reviews - A Study	Jan-2023			https://doi.org/10.1109/ICTBIG59752.2023.10456019	Institute of Electrical and Electronics Engineers Inc.	Conference
421	Mr. R. Banuprakash	Risk Prediction Modeling for Breast Cancer using Supervised Machine Learning Approaches	Jan-2023			https://doi.org/10.1109/ICACRS58579.2023.10404482	Institute of Electrical and Electronics Engineers Inc.	Conference

Sl.No	Faculty Name	Title	Month/Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
422	Mr. R. Banuprakash	Support Vector Machines: Unveiling the Power and Versatility of SVMs in Modern Machine Learning	Jan-2023			https://doi.org/10.1109/ICI-MIA60377.2023.10426542	Institute of Electrical and Electronics Engineers Inc.	Conference
423	Mr. R. Ganesan	Application of Deep Neural Networks for Weed Detection and Classification	Jan-2023			https://doi.org/10.1109/IC-AAIC56838.2023.10140235	Institute of Electrical and Electronics Engineers Inc.	Conference
424	Mr. R. Ganesan	Customer Perception on Online Cosmetic Product Purchases Using Association Rule Mining Based on Customer Feedback	Jan-2023			https://doi.org/10.1109/IC-SSAS57918.2023.10331647	Institute of Electrical and Electronics Engineers Inc.	Conference
425	Mr. R. Ganesan	Forest Fire Detection using CNN-RF and CNN-XGBOOST Machine Learning Algorithms	Jan-2023			https://doi.org/10.1109/IC-AIS56108.2023.10073910	Institute of Electrical and Electronics Engineers Inc.	Conference
426	Mr. S. Gopi	Plant Disease Classification using CNN-LSTM Techniques	Jan-2023			https://doi.org/10.1109/IC-SSIT55814.2023.10061003	Institute of Electrical and Electronics Engineers Inc.	Conference
427	Mr. S. Venkateswaran	Precise Prediction of Cardiovascular Diseases Using Machine Learning	Jan-2023			https://doi.org/10.1109/IC-STSN57873.2023.10151627	Institute of Electrical and Electronics Engineers Inc.	Conference
428	Mr. T. M. Sivanesan	Automated Personalized Health Analytics using IoT and Machine Learning Algorithms	Jan-2023			https://doi.org/10.1109/IC-AISS58487.2023.10250734	Institute of Electrical and Electronics Engineers Inc.	Conference
429	Mr. T. M. Sivanesan	Secured Dynamic Opportunistic Routing in Ad-hoc Wireless Network	Jan-2023			https://doi.org/10.1109/IC-ECAA58104.2023.10212369	IEEE	Conference
430	Mr. V. Charles Prabu	Performance Evaluation of VPNS over MPLS-Linux Networks	Jan-2023			https://doi.org/10.1109/AC-CAI58221.2023.10199558	Institute of Electrical and Electronics Engineers Inc.	Conference

Sl.No	Faculty Name	Title	Month/Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
431	Mr. V. Jaganraja	A Multivariate Sampling Algorithm for Wireless Sensor Networks	Jan-2023			https://doi.org/10.1109/ACCAI58221.2023.10201013	Institute of Electrical and Electronics Engineers Inc.	Conference
432	Mr.G. Rajesh	Comprehensive Analysis of Various Attacks in The IoT Environment	Jan-2023			https://doi.org/10.1109/RMKMATE59243.2023.10369543	Institute of Electrical and Electronics Engineers Inc.	Conference
433	Mr. Ignatious K Pious	Enhanced Model for Automatic Tamil Text Summarization	Jan-2023			https://doi.org/10.1109/ICSCDS56580.2023.10105055	Institute of Electrical and Electronics Engineers Inc.	Conference
434	Mr. V. Karthikeyan	Code word Based Bi-Server Authentication and Key Exchange Encryption Technique	Jan-2023			https://doi.org/10.1109/ICOTL59758.2023.10435192	Institute of Electrical and Electronics Engineers Inc.	Conference
435	Mrs. T. Kujani	Head movements for behavior recognition from real time video based on deep learning ConvNet transfer learning	Jun-2023			https://doi.org/10.1007/s12652-021-03558-2	Springer Science and Business Media Deutschland GmbH	Journal
436	Mrs. S. Florence	Smart Application for Voice Over Control on Electronic Devices Using NodeMCU	Jan-2023			https://doi.org/10.1007/978-981-19-5845-8_64	Springer Science and Business Media Deutschland GmbH	Conference
437	Ms. E. Chandralekha	Animal Intrusion Detection System using SIFT Features and Transfer Learning with MobileNetV2	Jan-2023			https://doi.org/10.1109/ICIMIA60377.2023.10426584	Institute of Electrical and Electronics Engineers Inc.	Conference
438	Ms. E. Chandralekha	Exploratory Investigation and Alzheimer's Disease Classification Utilizing Ensemble Models in Machine Learning	Jan-2023			https://doi.org/10.1109/AIKIIE60097.2023.10390476	Institute of Electrical and Electronics Engineers Inc.	Conference

Sl.No	Faculty Name	Title	Month/Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
439	Ms. J. Swapna	Hybrid cloud storage system with enhanced multilayer cryptosystem for secure deduplication in cloud	Jan-2023			https://doi.org/10.1016/j.ijin.2023.11.001	KeAi Communications Co.	Journal
440	Ms. M. I. Shanthini Watson Benjamin	Location Optimization of Fresh Agricultural Products Distribution Center Based on Particle Swarm Optimization Neural Network	Jan-2023			https://doi.org/10.1109/SmartTechCon57526.2023.10391105	Institute of Electrical and Electronics Engineers Inc.	Conference
441	Ms. S. Hashini	Sentiment Analysis on Text data: Methods, Applications, Challenges and Future Directions	Jan-2023			https://doi.org/10.1109/EASCT59475.2023.10392868	Institute of Electrical and Electronics Engineers Inc.	Conference
442	Ms. S. Kiruthiga	A New Wide-Angle, Low-Resolution Infrared Array Sensor with Improved DL Algorithm for Activity Detection	Jan-2023			https://doi.org/10.1109/ICAISS58487.2023.10250637	Institute of Electrical and Electronics Engineers Inc.	Conference
443	Ms. S. Kiruthiga	An Efficient IoMT-Based Heart Disease Prediction System Using Cuttlefish Algorithm with Cascaded LSTM	Jan-2023			https://doi.org/10.1109/ICIRCA57980.2023.10220804	Institute of Electrical and Electronics Engineers Inc.	Conference
444	Ms. S. Kiruthiga	Doctormate- An Early Disease Prediction Approach using Multiple Machine Learning Algorithms	Jan-2023			https://doi.org/10.1109/ICEARS56392.2023.10085617	Institute of Electrical and Electronics Engineers Inc.	Conference
445	Ms. S. Prema	AI-Assist tool to enhance the reliability and accuracy of automated speech and writing support for students with disabilities in learning languages	Jan-2023			https://doi.org/10.1109/CEEM60455.2023.00037	Institute of Electrical and Electronics Engineers Inc.	Conference
446	Ms. V. Suganya	An Automated Lion-Butterfly Optimization (LBO) based Stacking Ensemble Learning Classification (SELC) Model for Lung Cancer Detection	Jan-2023			https://doi.org/10.52866/ijcsm.2023.02.03.008	College of Education, Al-Iraqia University	Journal
447	Ms. B .Aishwarya	Swarm Intelligence-Based Clustering and Routing Using AISFOA-NGWO for WSN	Jan-2023	608		https://doi.org/10.1007/978-981-19-9225-4_18	Springer Science and Business Media Deutschland GmbH	Conference

Sl.No	Faculty Name	Title	Month/Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
448	Ms. C. Shyamala Kumari	Effective machine learning-based skin disease diagnosis using PyTorch	Jan-2023			https://doi.org/10.1088/1742-6596/2595/1/012008	Institute of Physics	Conference
449	Ms. C. Shyamala Kumari	FMCG Market Analysis for Wholesalers and Retailers Using Machine Learning	Jan-2023			https://doi.org/10.1109/ICPCSN58827.2023.00059	Institute of Electrical and Electronics Engineers Inc.	Conference
450	Ms. C. Shyamala Kumari	Quality Rating Application for Virtual Recipes Using Facial Analysis	Jan-2023			https://doi.org/10.1007/978-981-19-5845-8_59	Springer Science and Business Media Deutschland GmbH	Conference
451	Ms. D. Hemalatha	Identification of Fake and Spam Users on Social Networking Platforms	Jan-2023			https://doi.org/10.1109/ICCEBS58601.2023.10449109	Institute of Electrical and Electronics Engineers Inc.	Conference
452	Ms. D. Hemalatha	Iris Flower Species Detection using Machine Learning Technique	Jan-2023			https://doi.org/10.1109/CONIT59222.2023.10205566	Institute of Electrical and Electronics Engineers Inc.	Conference
453	Ms. D. Hemalatha	DEEP REINFORCEMENT LEARNING TECHNIQUES AND FUNDAMENTALS	2023			978-81-19980-30-7	SK Research Group Of Companies	Book / Book Chapter
454	Ms. I. Farzhana	LiFiData: A Secured Data Communication over Defense Fields by using Intelligent Visible Light Assisted Transmissions	Jan-2023			https://doi.org/10.1109/ICES60034.2023.10465338	Institute of Electrical and Electronics Engineers Inc.	Conference
455	Ms. S. Hannah	Analysis of Electroencephalographic Signals to Study the Behavior of Brain Frequencies for the Study of Academic Stress	Jan-2023			https://doi.org/10.1109/ICACRS58579.2023.10404760	Institute of Electrical and Electronics Engineers Inc.	Conference
456	Ms. V. Usha	Insights into Diabetes Prediction: A Multi-Algorithm Machine Learning Analysis	Jan-2023			https://doi.org/10.1109/ICOSEC58147.2023.10276223	Institute of Electrical and Electronics Engineers Inc.	Conference

Sl.No	Faculty Name	Title	Month/ Year	Vol. No	Issue No	DOI/ISBN/ISSN	Publisher	Document Type
457	Ms. V. Usha	Optimization Algorithm of Road and Bridge Engineering Construction Management Based on Ant Colony Neural Network	Jan-2023			https://doi.org/10.1109/SmartTechCon57526.2023.10391421	Institute of Electrical and Electronics Engineers Inc.	Conference
458	Dr.S.Amutha	Improved Machine Learning Systems for Android Device Malware Detection	Jul -2024			10.1007/978-981-96-3314-2_4	Springer Science and Business Media	Conference
459	Dr.P.S.Ramesh	Prediction Of Auto-Detection For Tracking Of Sub-Nano Scale Particle In 2D And 3D Using Svm-Based Deep Learning	March-2023	101	5	https://www.jatit.org/volumes/Vol101No5/30Vol101No5.pdf	Little Lion Scientific	Journal