



VIVEKANANDHA
COLLEGE OF ENGINEERING FOR WOMEN (AUTONOMOUS)
Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai.
Elayampalayam, Tiruchengode – 637205.

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3.4.3 Number of research papers per teacher in the Journals notified on UGC website during the year of 2022-2023

3.4.3.1: Number of research papers in the Journals notified on UGC website during the year of 2022-2023

Sl.No.	Title of the Paper	Name of the author/s	Department of the teacher	Name of the Journal	ISSN number	Link to Document
1.	Artificial Intellience Based Sign Lanuage Prediction by Using the Twin Delayed Deep Reinforcement Memory Network Architecture	Dr.M.Sayeekumar	CST	International Journal of Intelligent Systems and Applications in Engineering	2147-6799	View
2.	Automated classification of emphysema using data augmentation and effective pixel location estimation with multi-scale residual	Mr. T. Manikandan	ECE	Neural Computing and Applications	1433-3058	View

	network					
3.	Chemical detection for land mining using remote sensing based deep learning	Dr.P.T.Kalaivaani	ECE	Eur. Chem. Bull.	2063-5346	View
4.	Digital filters optimization using residual learning model digital filters for coherent optical receivers	Dr.P.T.Kalaivaani	ECE	ICTACT Journal n Microelectronics	2395-1680	View
5.	Multimode Textile Array Antenna for Millimeter Wave Wearable Applications	Dr. R.Nirmala	ECE	Journal of Communications	1796-2021	View
6.	Colon cancer stage detection in colonoscopy images using YOLOv3 MSF deep learning architecture	Dr. R.Nirmala	ECE	Biomedical Signal Processing and Control	1746-8094	View
7.	Fuzzy Logic Based Handover Authentication in 5g Telecommunication Heterogeneous Networks	Mr.J. Divakaran	ECE	Computer Systems Science and Engineering	0267-6192	View
8.	A Smart Wearable for Sudden Infant Death Syndrome Monitoring	Mr.J. Divakaran	ECE	International Journal of New Innovations in Engineering and Technology	2319-6319	View
9.	IOT and cloud based real time outdoor and indoor air	Dr V M Senthilkumar	ECE	ICTACT Journal On Microelectronics	2395-1680	View

	quality health monitoring for asthma patients with alerts					
10.	Information flash board using IOT	R.Selvaraj	ECE	Journal of Information technology and digital world	2582-418x	View
11.	Identification and recognition of leaf disease using enhanced segmentation techniques	Dr. P.T. Kalaivaani	ECE	ICTACT Journal on Image and Video Processing	0976-9102	View
12.	A Lightweight Energy-Efficient Algorithm for mitigation and isolation of Internal Rank Attackers in RPL based Internet of Things	Prof.S.Kuppusamy	CSE	Computer Networks	1389-1286	View
13.	Enhanced Rank Attack Detection Algorithm (E-RAD) for securing RPL-based IoT networks by early detection and isolation of rank attackers	Prof.S.Kuppusamy	CSE	The Journal of Supercomputing	0920-8542	View
14.	Object Recognition from Video Using Yolo Algorithm	Dr.L.Malathi	CSE	International Journal of Innovative Research in Engineering	2582-8746	View

15.	Security Multikeyword Mapping And Search Over Encrypted Cloud Data	1.Mrs.B.Ananthi 2.Mr.R.T.Dinesh kumar	CSE	International Research Journal of Engineering and Technology	2395-0072	View
16.	Retinal Image Classification Using Neural Network Based On A Cnn Methods	1.Mrs.G.Sasikala, 2.Mrs.A.Tharamaraiselvi	CSE	International Research Journal of Engineering and Technology	2395-0072	View
17.	Efficient Identification And Reduction Of Multiple Attacks Add Victimisation Trailing Algorithmic Rule In Iot	1.Mr.M.Ramesh 2.Mr.T.Viswanath Kani	CSE	International Research Journal of Engineering and Technology	2395-0072	View
18.	Future Prediction Using Supervised Machine Learning For COVID-19	1.Dr.N.Mohanapriya 2.Ms.K.Sivapriya	CSE	International Research Journal of Engineering and Technology	2395-0072	View
19.	Face Counting Using Open Cv & Python For Analyzing Unusual Events In Crowds	1.Mr.P.S.Prakash 2.Mr.R.Dhamodharan	CSE	International Research Journal of Engineering and Technology	2395-0072	View
20.	Distributed Multi-hop Clustering Approach with Low Energy Consumption in WSN	Dr.R.Nithya	CSE	Computer Systems Science and Engineering	0267-6192	View
21.	ECG signal Classification using Machine Learning	1.Dr.L.Malathi 2.Dr.N.Mohanapriya	CSE	International Journal of Research in Engineering and Science	2320-9364	View

22.	VEI Transport Attendance management	Dr.C.Poongodi	CSE	International Journal for Science and Advance Research in Technology	2395-1052	View
23.	The Survey On Reference Model For Open Storage Systems Interconnection Mass Storage With Key Documented	Mrs.B.Ananthi Dr. N. Mohanapriya	CSE	International Research Journal of Engineering and Technology	2395-0056	View
24.	A Machine Learning Methodology for Predicting chronic Kidney Disease	Dr. N. Mohanapriya	CSE	International Journal of Advances in Engineering and Management	2395-5252	View
25.	Predicting Sleep Quality In Osteoporosis Patient	Mrs.D.Radhika	CSE	International Journal Of Current Engineering And Scientific Research	2394-0697	View
26.	Crop Yield Recommendation Using Machine Learning Techniques	Mr.K.Mathivanan	CSE	International Journal of Innovative Research in Science, Engineering and Technology	2347-6710	View
27.	Fake Media Detection Based On Natural Language Processing	Ms.S.Sinduja	CSE	International Journal of Current Science (IJCS PUB)	2250-1770	View
28.	Smart Vacuum Cleaner Robot	Ms.S.Sinduja	CSE	International Journal of Scientific Development and Research	2455-2631	View

29.	Tomato Leaf Disease Detection Using Machine Learning	Mr.T.Viswanath Kani	CSE	International Journal of Research and Analytical Reviews	2349-5138	View
30.	Student Automatic Correction Using Natural Language Processing	Ms.A.Saranya	CSE	International Journal of Modern Developments in Engineering and Science	2583-3138	View
31.	Detection Of Skin Cancer Using Cnn Based Hybrid Method	Mr.M.Ramesh	CSE	International Journal of Research and Analytical Reviews	2349-5138	View
32.	Detection of Cyber bullying on Social Media Using Machine Learning	Mrs.K.Soniyalakshmi	CSE	International Journal of Advances in Engineering and Management (IJAEM)	2395-5252	View
33.	A Deep Learning Based Tire Quality Inspection System	Mrs.B.Ananthi	CSE	International Journal of Advances in Engineering and Management	2395-5252	View
34.	Prediction of Covid-19 Confirmed, Death and Cured Cases in India	Mrs.P.Yogashree	CSE	International Journal of Research in Engineering and Science	2320-9364	View
35.	Home Automation Using Nodemcu and cayenne application	Mrs.A.Saranya	CSE	International Journal of Current Science	2250-1770	View
36.	Early Detection of Alzheimer's Disease with	Mr.T.Viswanath Kani	CSE	International Journal of Modern Developments in	2583-3138	View

	Blood Plasma Using aSupport Vector Machine			Engineering and Science		
37.	Fronesis: Digital Forensics- Based Early Detection of Ongoing Cyber-Attack	Mrs.P.Yogashree	CSE	International Journal for Science and Advance Research in Technology	2395-1052	View
38.	An Experimental Investigation On Analysis of Osteoarthritis Using An Adaptive Multi-Resolution Detail-Preserving Filter	Dr.R.Nithya	CSE	International Journal of Advances in Engineering and Management	2395-5252	View
39.	Traffic Prediction For Intelligent Transportation System Using Machine Learning	Mrs.G.Sasikala	CSE	International Journal of Current Engineering and Scientific Research	2394-0697	View
40.	Camera Vision Based Animal Beat Back System For Agriculture Using Machine Learning	Mrs.K.Sivapriya	CSE	International Journal of Current Engineering and Scientific Research	2394-0697	View
41.	Cryptocurrency Price Prediction Based On Machine Learning	Mr.R.Dhamodharan	CSE	International Journal of Current Engineering and Scientific Research	2394-0697	View
42.	Cricket Team Prediction Using Machine Learning	Mr.B.Sakthivel	CSE	International Journal of Current Engineering and	2394-0697	View

				Scientific Research		
43.	Identification Of Soil Characteristics For Crop Production Using Lora	Mr.B.S.Prakash	CSE	International Journal of Current Engineering and Scientific Research	2394-0697	View
44.	Lung Cancer Detection Using Deep Learning	Mrs.C.Poongodi	CSE	International Journal of Current Engineering and Scientific Research	2394-0697	View
45.	Breast Cancer Prediction Using Deep Learning	Mrs.K.Soniyalakshmi	CSE	International Journal of Current Engineering and Scientific Research	2394-0697	View
46.	Agricultural Crop Recommendations Based On Productivity And Season Using Rainfall	Mrs.T.Kavitha	CSE	International Journal of Current Engineering and Scientific Research	2394-0697	View
47.	Ensembling of Diabetes Pretiction Using Machine Learning Classifiers	Dr.S.Balu	CSE	International Journal of Current Engineering and Scientific Research	2394-0697	View
48.	Plant Species Recognition Using Deep Learning	Mrs.K.Sivapriya	CSE	International Journal of Current Engineering and Scientific Research	2394-0697	View
49.	Credit Card Fraud Detection Using Machine Learning	Dr.R.Nithya	CSE	International Journal of Current Engineering and Scientific Research	2394-0697	View
50.	Heart Disease Prediction Using Machine Learning Classification	Mr.R.Dhamodharan	CSE	International Journal of Current Engineering and Scientific Research	2394-0697	View

51.	Point-Of-Care Kidney Function Health Monitoring System	Mrs.E.Sowmiya	CSE	International Journal of Current Engineering and Scientific Research	2394-0697	View
52.	Predictive analysis of Food sales forecasting	Mrs.T.Kavitha	CSE	International Journal of Current Engineering and Scientific Research	2394-0697	View
53.	Optimal sizing method with sensitivity analysis for hybrid energy storage system in electric vehicle using hybrid technique	Dr.P.Kannan, Dr.K.Venkataramanan	EEE	Journal of Intelligent & Fuzzy Systems	1064-1246	View
54.	A Hybrid technique for grid connected solar wind hybrid system with Electric vehicles	Dr.P.Kannan	EEE	Energy and Environment	231153933	View
55.	A hybrid IMFO-fuzzy algorithm for performance enhancement of micro grid under uncertainty via DGs integration and reconfiguration	Dr.K.Thenmalar	EEE	Journal of Intelligent & Fuzzy Systems	1064-1246	View
56.	Various PSO methods investigation in renewable and non-renewable sources	Dr.K.Thenmalar	EEE	International Journal of Power Electronics and Drive Systems (IJPEDS)	2088-8694	View

57.	Dynamic Optimal distributed resource planning for renewable energy based interconnected micro grid using teaching and learning algorithm	Dr.K.Thenmalar	EEE	Journal of Intelligent & Fuzzy Systems	1064-1246	View
58.	Optimization of Lipso to Monitor Power Quality Problem in Hybrid System	K.Thenmalar, S.B.Kayalvizhi	EEE	PERIODICO di MINERALOGIA	0369-8963	View
59.	Hydro power station load frequency control using Fuzzy logic Controller	D.Santhosh Kumar	EEE	PERIODICO di MINERALOGIA	0369-8963	View
60.	An Optimization of Power Quality Development Using ANFIS Controller based Custom Devices	D.Santhosh Kumar, A.Preethi	EEE	PERIODICO di MINERALOGIA	0369-8963	View
61.	Online Gate pass Management Systems	Mr.E.Thangadurai	IT	International Journal for Science and Advance Research In Technology	2395-1052	View
62.	Secured Information Transmission using	Mr.T.Saravanan	IT	International Journal for Science and Advance	2395-1052	View

	Biometric System			Research In Technology		
63.	Placement Hub	Ms.T.Janani	IT	International Journal for Science and Advance Research In Technology	2395-1052	View
64.	A Review: Food Fortification and their Role in Iron Fortification	Vijay Pradhap Singh M	BT	International Journal Of Innovative Research In Technology	2349-6002	View
65.	Optimization of process variables for diclofenac removal by sorption from synthetic solution	Mrs. M. Rajamehala	BT	Gradiva review journal	0363-8057	View
66.	Porous nanocomposites for sorptive elimination of ibuprofen from synthetic	Mrs. M. Rajamehala	BT	Environmental Research	0013-9351	View
67.	Synthesis of metal-based functional nanocomposite material and its application for the elimination of paracetamol from synthetic wastewater	Mrs. M. Rajamehala	BT	Chemosphere	0045-6535	View
68.	Current and prognostic overview on the strategic exploitation of anaerobic digestate: A review	Dr. S. Chozhavendhan	BT	Environmental Research	0013-9351	View

69.	Isotherm and kinetic studies on sorption of diclofenac using $\text{TiO}_2/\text{Fe}_2\text{O}_3/\text{chitosan}$ nanocomposite	Dr.A. Muthu Kumara Pandian	BT	Gradiva review journal	0363-8057	View
70.	Approaches, attributes and applications of matrix nanocomposites – a review	Mrs. M. Rajamehala	BT	Cogent Engineering	2331-1916	View
71.	Phosphonium grounded ionic liquid influenced in graphene oxide enabled to magnetic polysulfone (GO/ Fe_3O_4 @PSF) for the elimination of 2,4-Dichlorophenol	Dr.M.S. Manoj Kumar	BT	Asian Journal of Chemistry	0970-7077	View
72.	Physical and chemical characterization of alkaline protease from <i>Bacillus subtilis</i> VBC7 using agro waste as substrate	Dr. N. Prabhu	BT	Journal of Microbiology, Biotechnology and Food Sciences	1338-5178	View
73.	Biosynthesis of Zinc oxide nano particles using Royal poinciana leaf extract and evaluating its biomedical	Dr. K. Gilbert Ross Rex	BT	Journal of Science and Technology	2456-5660	View

	potential against biological agents					
74.	In vitro Antioxidant and Antimicrobial Activities of Flowers Extract of Aegle marmelos	Mr. Vijay PradhapSingh.	BT	Research J. Pharm. and Tech	0974-3618	View
75.	Magneto recyclable, green fabricated Fe ₃ O ₄ nanorods on photo responsive of textile dye degradation and identification products by LC-MS	Dr.M.S.Manojkumar	BT	Journal of the Indian Chemical Society	2667-2847	View