VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY, ERODE-12.
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
FACULTY - JOURNAL PUBLICATION DETAILS
ACADEMIC YEAR : 2021-2022

S.No.	Name of the Faculty	Title of the Paper	Name of the Journal	National /International Journal	Month and Year	ISSN No.	Vol. & Issue No. & pg.no.	Indexing
1	Dr.S.Jabeen Begum	Evolutionary Algorithm Based Adaptive Load Balancing (EA-ALB) in Cloud Computing Framework	Intelligent Automation & Soft Computing, Tech Science Press	International	May 2022	2326-005X, doi:10.32604/iasc.2022.025137	Vol.34, No.2, 2022, pp.1281-1294	SCIE, Scopus, Annexure 1
2	Dr.V.Latha Jothi	Dengue prediction using machine learning	International Research Journal of Modernization in Engineering Technology and Science	International	May 2022	2582-5208	Vol. 04, Issue 05 pp.4751-4755	Google Scholar
3		Segmentation and Classification of Alzheimer's Using RCNN	International Journal of Research in Engineering and Science	International	2022	2320-9364	Vol. 10, Issue 5, pp.07-10	Google Scholar
4	Dr.S.Sadesh	Data access control model with cipher- text authentication	International Research Journal of Modernization in Engineering Technology and Science	International	May-2022	2582-5208	Vol. 04 Issue 05, pp 321-325	Google Scholar
5	Dr.S.Kayalvili	IoT Based Covid-19 Patient Health Monitoring System Using Wi-Fi	International Journal of Innovative Research in Science and Engineering	International	2022	2454-9665	Vol. 8, Issue 4, pp.118-123	Google Scholar
6		Image Detection and Feature Retrieval using CBIR	International Research Journal of Modernization in Engineering Technology and Science	International	May-22	2582-5208	Vol. 4, Issue 5, pp. 931-935	Google Scholar
7		An Efficient Network Security on SDN Wireless Environment	Vidyabharati International Interdisciplinary Research Journal - Special Issue on Engineering Technologies and Management	International	June 2021	2319-4979	pp 1796-1802	Web of Science

8	Dr.S.Gokulraj	Towards Block chain for Suitable Efficiency and Data Integrity of IoT Ecosystem Transactions	International Journal of Recent Advances in Multidisciplinary topics	International	May 2022	2582-7839	Vol. 3, Issue 5, pp.168-170	Google Scholar
9		Medical Healthcare System with Hybrid Block based Predictive models for Quality preserving in Medical Images using Machine Learning Techniques	IEEE Xplorer	International	April 2022	978-1-6654-9515-8	IEEE No: #54488, DOI: 10.1109/ICACT A54488.2022.97 53355	Scopus
10		Analysis of road traffic fatal accidents using data mining techniques	International Journal for Research & Development in Technology	International	June 2022	2349-3585	Vol. 17, Issue 6, pp.10-16	Academia, CiteFactor
11	Dr.M.Deepa	Data integrity auditing with private key based online and offline verification for secure cloud storage	International Research Journal of Modernization in Engineering Technology and Science	International	May 2022	2582-5208	Vol. 04, Issue 05 pp.4147-4150	Google Scholar
12		Hospital secured data access management with privacy protection using blockchain technique	International Research Journal of Modernization in Engineering Technology and Science	International	May 2022	2582-5208	Vol. 04, Issue 05 pp.3939-3943	Google Scholar
13		Prediction of chronic kidney disease-a machine learning perspective	International Journal for Research & Development in Technology	International	May 2022	2349-3585	Vol. 17, Issue 5, pp.6-11	Academia, CiteFactor
14		Lung Cancer Prediction and Classification Using Recurrent Neural Network	International Journal of Research in Engineering, Science and Management	International	November 2021	2581-5792	Vol. 4, Issue 11, pp 8-10	Google Scholar
15	M.MohanaSundari	Improved face recognition using Convolutional Neural Network with unaided learning	IEEE Xplorer	International	January 2022	978-1-6654-3524-6	IEEE Xplore Part Number: CFP21J88-AR DOI: 10.1109/ICECA	Scopus
16		A content based e-learning using classification algorithms	International Research Journal of Modernization in Engineering Technology and Science	International	May 2022	2582-5208	Vol. 04, Issue 05 pp.2621-2625	Google Scholar

17		Detection and prevention mechanisms for DDOS attack in cloud computing environment	International Research Journal of Modernization in Engineering Technology and Science	International	May 2022	2582-5208	Vol. 04, Issue 05 pp.4566-4569	Google Scholar
18	K.Vijaya	Cloud-edge for task deployment and load balancing	International Research Journal of Modernization in Engineering Technology and Science	International	May-22	2582-5208	Vol. 4, Issue 5, pp. 4577-4783	Google Scholar
19		Progressed Machine Learning method for deduplication in Cloud Computing	International Journal of All Research Education and Scientific Methods	International	May-22	2455-6211	Vol. 10, Issue 5, pp.2712-2715	Google Scholar
20	S.Vivekanandan	Invulnerable data transfer using interplanetary file system (IPFS)	International Research Journal of Modernization in Engineering Technology and Science	International	Apr-22	2582-5208	Vol. 4, Issue 4, pp. 1-6	Google Scholar
21		Semantic segmentation of satellite images using deep learning	International Research Journal of Modernization in Engineering Technology and Science	International	May-22	2582-5208	Vol. 4, Issue 5, pp. 2134-2138	Google Scholar
22	C.Kotteeswari	Joint resource allocation for device-to-device communication assisted fog computing	International Research Journal of Modernization in Engineering Technology and Science	International	May-22	2582-5208	Vol. 4, Issue 5, pp. 1-7	Google Scholar
23	D.Lavanya	Overcoming jamming using NOMA	International Research Journal of Modernization in Engineering Technology and Science	International	May-22	2582-5208	Vol. 4, Issue 5, pp. 3397-3341	Google Scholar
24		Diagnosing the prostate cancer using deep learning	International Research Journal of Modernization in Engineering Technology and Science	International	May-22	2582-5208	Vol. 4, Issue 5, pp. 4570-4576	Google Scholar

25	S.Subathra	Predicting the faults in industrial metals using support vector machine	International Research Journal of Modernization in Engineering Technology and Science	International	Apr-22	2582-5208	Vol. 4, Issue 4, pp. 2245-2249	Google Scholar
26	S.Nithya	An efficient method to enhance and deblur image using two dimensional discrete wavelet transform	International Research Journal of Modernization in Engineering Technology and Science	International	May-22	2582-5208	Vol. 4, Issue 5, pp. 4151-4158	Google Scholar
27	M.Thilagarani	An automated framework: Ensemble based house price prediction system	International Research Journal of Modernization in Engineering Technology and Science	International	May-22	2582-5208	Vol. 4, Issue 5, pp. 4116-4122	Google Scholar
28		Detection of facemask and social distancing using SSD object detection algorithm	International Research Journal of Modernization in Engineering Technology and Science	International	May-22	2582-5208	Vol. 4, Issue 5, pp. 1340-1347	Google Scholar
29		Effective visualization and forecasting of crime data using data mining	International Research Journal of Modernization in Engineering Technology and Science	International	May-22	2582-5208	Vol. 4, Issue 5, pp. 4653-4656	Google Scholar
30	M.Thilagarani S.Keerthika	Bbrp21 technique used to store and secure the data in cloud storage database	Journal of University of Shanghai for Science and Technology	International	Nov-21	1007-6735	Vol. 23, Issue 11, pp13-19	UGC CARE-II, Scopus
31	A.P.Gopu	Predicting the mode of childbirth using random forest with label encoding	International Journal for Research & Development in Technology	International	May 2022	2349-3585	Vol. 17, Issue 5, pp.46-49	Academia, CiteFactor
32	R.Vishalakshi	An optimized blockchain-topoguard framework for resource management	International Research Journal of Modernization in Engineering Technology and Science	International	May-22	2582-5208	Vol. 4, Issue 5, pp. 2000-2003	Google Scholar
33		Arrhythmia classification on electrocardiogram	International Research Journal of Modernization in Engineering Technology and Science	International	Apr-22	2582-5208	Vol. 4, Issue 4, pp. 1966-1970	Google Scholar

34	M.Priyavarshini	A data mining approach for predicting subscription status of twitch users	International Research Journal of Modernization in Engineering Technology and Science	International	May-22	2582-5208	Vol. 4, Issue 5, pp. 4683-4687	Google Scholar
35		A machine learning based cyber security intrusion detection system	International Research Journal of Modernization in Engineering Technology and Science	International	May-22	2582-5208	Vol. 4, Issue 5, pp. 1993-1997	Google Scholar
36	S.Keerthika	Predicting at-risk students in virtual learning environment using support vector machine	International Research Journal of Modernization in Engineering Technology and Science	International	Apr-22	2582-5208	Vol. 4, Issue 4, pp. 2250-2254	Google Scholar
37		Software vulnerability classification using deep and artificial neural networks	International Research Journal of Modernization in Engineering Technology and Science	International	May-22	2582-5208	Vol. 4, Issue 5, pp. 1993-1997	Google Scholar
38		Tenant-led ciphertext information flow control for cloud virtual machines	International Research Journal of Modernization in Engineering Technology and Science	International	May-22	2582-5208	Vol. 4, Issue 5, pp. 3413-3418	Google Scholar

No. of Faculty Published journals : 17
No. of Journal Papers Published : 38
No. of Journals in Scopus/ Web of Science / UGC/ SCI : 5