



Agnel Charities

Fr. C. Rodrigues Institute of Technology, Vashi

(An Autonomous Institute & Permanently Affiliated to University of Mumbai)

Journal Publications

Sr. No.	Name of the Faculty	Title of the paper	Details of Publication	Indexing
2024-25				
1.	Dr. Lata Ragha	Secured and efficient MLP algorithm based on Sand Cat Swarm Optimization and homomorphic encryption for healthcare data	Progress in Artificial Intelligence , August 2024.	Springer
2.	Dr. Jyoti M	AgentSphere: A Novel Influencer Maximization Algorithm using Agent-Based Modeling in Social Networks	International Journal of Engineering Trends and Technology , Volume 72 Issue 7, 312-318, July 2024	Scopus
		Blockchain Based Intelligent System for Non-Fungible Token: A Novel Approach	International Journal of Engineering Trends and Technology , Volume 72 Issue 7, 312-318, July 2024	Scopus
3.	Mrs. Priyamvada Singh Chauhan	Utility Hub: Bridging the Gap Between Users and Trusted Service Providers	International Journal of Engineering Research in Computer Science and Engineering (IJERCSE) , Volume 11 Issue 08 August 2024	--
4.	Mrs. Snehal Nikalje	Utility Hub: Bridging the Gap Between Users and Trusted Service Providers	International Journal of Engineering Research in Computer Science and Engineering (IJERCSE) , Volume 11 Issue 08 August 2024	--



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Sr. No.	Name of the Faculty	Title of the paper	Details of Publication	Indexing
2023-24				
1.	Dr. Lata Ragha	The Detection of Lung Tumors Using CT scan Images with Feature Extraction and Segmentation Techniques	International Journal of Intelligent Systems and Applications in Engineering , vol. 12, no. 1, 2024, pp. 628–638	Scopus
		DLCT LUNG Detect Net: Leveraging Deep Learning for Lung Tumor Detection in CT scans	Journal of Electrical Systems , vol. 20, no. 2s, 2024, pp. 1290-1308	Scopus
		Vigorous and Efficient Trust Model for Security Enhancement in MANET	International Journal of Engineering Trends and Technology , Volume-71, Issue-10, pp. 82-93, October 2023.	Scopus
		ECBFMBP: Design of an Ensemble deep learning Classifier with Bio-inspired Feature Selection for high-efficiency Multi domain Bug	Journal of Cognitive Science , Volume 24, Issue 3, September 2023, pp. 313-336	Scopus
		Machine Learning-based Extrapolation of Crop Cultivation Cost	Inteligencia Artificial, SCI and Scopus , 27(74), 2024, pp.80-101.	SCI and Scopus
		A framework for Software testing of Blockchain based applications with appropriate tools	International Journal of Intelligent Systems and Applications in Engineering (IJISAE) , 12(3), 2024, pp. 910–921	Scopus
		A Hybrid Approach for Automatic Text Summarization by Handling Out-of-Vocabulary Words Using TextR-BLG Pointer Algorithm	Springer Nature, Scientific and Technical Information Processing , Vol. 51, No. 1, May 2024, pp. 72–83.	Scopus
2.	Dr. Kiruthika M	A Security Enabled Real time Fault Detection and Classification of Power System Conditions	International Journal of Advanced Technology and Engineering Exploration. 2023; 10(107):1260-1278. DOI:10.19101/IJATEE.2022.10100425. Scopus Indexed/ UGC CARE List Group II. (Open Access) https://www.scopus.com/authid/detail.uri?authorId=57506201300	Scopus
		SignEase - Sign Language Interpreter Model (An Indian Sign Language Interpretation Model using Machine Learning and Computer Vision Technology)	International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.538 Volume 12 Issue V May 2024	
3.	Dr. Jyoti M	PETMEDPAL-Pet Healthcare Web Application	International Journal of Research Publication and Reviews , ISSN 2582-7421	



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		Smart Healthcare: Blockchain-Driven Patient Risk Classification with Machine Learning	International Journal of Intelligent Systems And Applications In Engineering , https://ijisae.org/index.php/IJISAE/article/view/6105/4892	Scopus
		Smart City Infrastructure Monitoring using AI and IoT Technologies	International Journal of Intelligent Systems And Applications In Engineering , https://ijisae.org/index.php/IJISAE/article/view/5644	Scopus
4.	Mrs. Kavita Shelke	Smart storage strategies for blockchain: a review of approaches	International Journal of Advanced Technology and Engineering Exploration (IJATEE) , ISSN (Print):2394-5443 ISSN (Online):2394-7454 Volume-11 Issue-115 June-2024 https://www.accentjournals.org/currentIssue.php?journalsId=110	Scopus
5.	Mr. Mritunjay Ojha	College Information Management System	International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.538 Volume 12 Issue V May 2024	
6.	Mrs. Chetana Badgujar	Approach to Trip Planning through innovative Itinerary Planner Website	International Journal of Research Publication and Reviews , Vol 5, Issue 5, ISSN 2582-7421 ,May 2024	
7.	Dr. Pravin Rahate	Landscape – A Dubbing Automation System	International Research Journal of Modernization in Engineering Technology and Science , Volume:06/Issue:04/ Impact Factor- 7.868, April-2024, DOI : https://www.doi.org/10.56726/IRJMETS53510	
8.	Mrs. Bhakti Aher	Mood Analysis and Enhancement using Deepface	International Journal of Research Publication and Reviews , Vol 5, Issue 4, Page 7740-7743, April 2024	
9.	Mrs. Nupur Gaikwad	Surveillance System with Human Intrusion Detection	International Journal of Innovative Science and Research Technology (IJISRT) Volume 9, Issue 4, April-2024	
10.	Mr. Chaitanya Vijaykumar Mahamuni	Improving Cardiopulmonary Resuscitation (CPR): Integrating Internet of Medical Things (IoMT) and Machine Learning (ML) - A Review	Recent Research Reviews Journal (ISSN: 2583-7079) https://irojournals.com/rrrj	
		Smart Hospital Management System: Streamlining Healthcare Operations with SQL Integration	Journal of Trends in Computer Science and Smart Technology , Volume - 6, Issue, 2 June 2024	
11.	Mrs. Rohini Deshpande	Food Waste Management	International Journal of All Research Education and Scientific Methods (IJARESM) , ISSN: 2455-6211, Volume 12,	



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			Issue 4, April-2024, Available online at: www.ijaresm.com	
		Integrated Academic Calendar for Universities with Chatbot	International Journal of All Research Education and Scientific Methods (IJARESM) , ISSN: 2455-6211, Volume 12, Issue 4, April-2024, Available online at: www.ijaresm.com	
		Attendance Management System	International Journal of All Research Education and Scientific Methods (IJARESM) , ISSN: 2455-6211, Volume 12, Issue 3, March-2024, Available online at: www.ijaresm.com	
12.	Mrs. Ujala Patil	Crime Management and Missing Person Finder	International Journal of All Research Education & Scientific Methods, IJARESM , Impact Factor: 8.536, Volume 12 Issue 5, May-2024	
		Automatic Number Plate Recognition System	International Journal of Creative Research Thoughts IJCRT , ISSN: 2320- 2882, Volume 12, Issue 4 April 2024	
13.	Mrs. Vidya Kottari	Smart Shopping Cart	International Journal of All Research Education and Scientific Methods (IJARESM) , ISSN: 2455-6211, Volume 12, Issue 6, June-2024	



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1.	Dr. Lata Ragha	Challenges in making blockchain privacy compliant for the digital world: some measures	Sadhana - Academy Proceedings in Engineering Sciences , 47(3), 168, Aug 2022, Article ID 0168	Scopus Indexed
		MACVTL: Improving Efficiency of Mood Analysis from Text & Facial Cues Using Cross Validation and Transfer Learning	Journal of Cognitive Science (JCS) , Vol.- 24, Issue-1, March 2023, pp: 43-80, DOI: 10.17791/jcs.2023.24.1.43	Scopus, ESCI, EBSCO, KCI Indexed
		A Quantum Resistant Blockchain System for Privacy Protection of Patient Records	International Journal of Engineering Trends and Technology , 71(4), 2023, pp. 79-96	Scopus Indexed
		Lung Tumor Detection using Deep CNN Architecture with the final Layer as Machine Learning: CT Scan Images	Journal of Data Acquisition and Processing , 38(2), April 2023, pp. 1532-1542	Scopus Indexed
2.	Dr. Kiruthika M	Enhancement of detection mechanisms for HTTP based DoS/DDoS attacks	ADBU-Journal of Engineering Technology , AJET, ISSN: 2348-7305, Volume 12, Issue1, June, 2023, 0120103421(8PP).	UGC CARE List (Open Access)-Group I.
3.	Dr. Jyoti More	Meta-Analysis and Vaccination framework for COVID-19	International Journal of Engineering Research & Technology , Vol-12, Issue-3, March 23.	---
		Critical issues in Leveraging Blockchain in Healthcare Sector	International Journal on Recent and Innovation Trends in Computing and Communication , May 2023, Vol 11, no-5, 128-133.	Scopus Indexed
4.	Mrs. Smita Dange	Secure Share : Optimal Blockchain Integration in IOT Systems	Journal of Computer Information Systems , April 2023, DOI : 10.1080/08874417.2023.2193943	SCI Indexed



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2021-22				
1.	Mrs. Kiruthika M	Secured protection of transmission line by distance relay using data mining approach	Indonesian Journal of Electrical Engineering and Computer Science Vol. 23, No. 1, July 2021, pp. 1~13 ISSN: 2502-4752, DOI: 10.11591/ijeecs.v23.i1.pp1-13	Scopus Indexed
2.	Mrs. Shweta Tripathi	Consumer-Service Provider Connect	International Journal of Scientific Research & Engineering Trends Volume 7, Issue 4, July- Aug-2021, ISSN (Online): 2395-566X	--
		Object Detection at Crime Scene	Digital Forensics Journal , Vol.3, Issue 3, August 2021, Pg:21-25	--
3.	Mrs. Kavita	Trust-Aid (Blockchain-based Charity system)	International Research Journal of Engineering and Technology (IRJET) Volume 09, Issue 03 March 2022 e-ISSN:2395-0056 P- ISSN:2395-0072	--
		Air Scribble – Character Recognition Using Pen Tip	A Journal of Physical Sciences and Engineering and Technology , Samriddhi ,Volume No. 14, Issue- 2, ,ISSN [P]2229-7111ISSN[O]24545767 ,April - June 2022	UGC Care
4.	Mrs. Padmashri Vijayave	Car Damage Assessment to automate Insurance Claim	International Research Journal of Engineering and Technology (IRJET), Vol. 9, Issue No. 3 (2021), ISSN (Online): 2395-0056, Mar 2022	--



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2020-21				
1.	Dr. Lata Ragha	Adaptive fuzzy-based message dissemination and micro-artificial bee colony algorithm optimized routing scheme for vehicular ad hoc network	Journal of IET Communications , Volume-14, Issue-6, January 2020, pp. 994-1004	Scopus
		Improving Accuracy of Sentiment Analysis for Depression Recommendation using Multi-Domain Fuzzy Rules	International Journal of Innovative Technology and Exploring Engineering (IJITEE) , Volume-9 Issue-4, February 2020, pp.2434-2438	--
2.	Mr. Amroz S.	Artificial Intelligence Surveillance System	International Journal for Science and Advance Research in Technology , Volume 7, Issue 5 in May 2021, PAPER ID: IJSARTV7I547729	--
		Real-Time WebRTC based Mobile Surveillance System	International Journal of Engineering and Management Research (IJEMR) Volume-11, Issue-3(June 2021) e-ISSN: 2250-0758 p-ISSN: 2394-6962	--
3.	Mrs. Smita D.	Intelligent Lunar Landing Site Recommender	International Journal of Engineering and Management Research e-ISSN: 2250-0758 p-ISSN: 2394-6962 Volume-11, Issue-2 (April 2021) www.ijemr.net https://doi.org/10.31033/ijemr.11.2.26	--
4.	Mrs. Rakhi K.	Eye(I) Still Know! –An App for the Blind Built using Web and AI	International Journal of Engineering and Management Research (IJEMR) Volume -11, Issue-2 (April 2021) ISSN: 2250-0758 p-ISSN: 2394-6962 https://doi.org/10.31033/ijemr.11.2.31	--
5.	Mrs. Kavita S.	Quick Park: An Effective Parking System	International Journal of Advanced Research in Computer and Communication Engineering (IJARCCCE) Indexed by Microsoft Academic, Google Scholar, Mendeley, NAAS Accredited Science Journal	Thomson Reuters ID I-8645-2017
6.	Ms. Dakshayani G	Red-Teaming Labs	India's First Digital Forensics(4N6) Publication Volume: III Issue: II, https://doi.org/10.46293/4n6/2021.03.02.10	--
		Strategic Tower Defense Game	International Journal of Engineering and Management Research e-ISSN: 2250-0758 p-ISSN: 2394-6962 Volume-11, Issue-3 (June 2021) https://doi.org/10.31033/ijemr.11.3.12	--



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7.	Mrs. Padmashri N.	Twitter Bot Detection	International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE) Vol. 10, Issue 4, April 2021 ISSN (Online) 2278-1021 ISSN (Print) 2319-5940 DOI 10.17148/IJARCCE.2021.10417	--
		Gardening for You: A Smart Gardening Tool	International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE) Vol. 10, Issue 4, April 2021 ISSN (Online) 2278-1021 ISSN (Print) 2319-5940 DOI 10.17148/IJARCCE.2021.10422	--



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2019-20				
	Dr. Lata Ragma	Hybrid Spectrum Access Model using Game Theory Approach for Multi-Channel Heterogeneous Mobile Cognitive Radio Wireless Sensor Network	Indonesian journal of Electrical Engineering and Computer Science , Vol. 16, No. 1, October 2019, pp. 116-126.	
		Effective bandwidth prediction through statistical technique over heterogeneous networks	International Journal of Innovative Technology and Exploring Engineering , Volume 8, Issue 12, October 2019, pp. 508-512.	
		Establishing Secure Routing Path Using Trust to Enhance Security in MANET	Journal of Wireless Personal Communications , Vol-110, Issue-1, January 2020, pp. 245-255	Springer
2	Mrs. Kiruthika M	Best Fit Resume Predictor	International Research Journal of Engineering and Technology (IRJET) Volume 6, Issue 8, S.NO:159, e-ISSN: 2395-0056.	
		Classification of Electrical Power System Conditions with Convolutional Neural Networks	Journal of Engineering, Technology & Applied Science Research (ETASR) . Vol. 10 No. 3 (2020): June, 2020. Pages: 5759-5768.	Open Access-Web of sciences
3	Mrs. Shweta Tripathi	The PRNU Algorithm of Video Forensics	Digital Forensics Journal , Vol.4, Issue 2, May 2020, Pg:42-52	
4	Ms. Kavita Shelke	Explicit Content Detection using Faster R-CNN and SSD Mobile Net v2	International Research Journal of Engineering and Technology (IRJET) Volume 7, Issue 3, March 2020 ISSN: 2395-0056	
5	Mr. Rahul Jadhav	Face Reconstruction using PCA and Eigen Faces	International Research Journal of Engineering and Technology (IRJET) Volume: 07 Issue: 09 Sep 2020 e-ISSN: 2395-0056	