

Sr.No	Name Of the Staff	Title of the paper published (UGC/Scopus)	Name of the journal/Publisher	Year of publication
1	Dr S.M.Handore	Segmentation and Classification of Primary Brain Tumor using Multilayer Perceptron	International Conference on Computational vision Bio inspired Computing (ICCVBC-2019) , 25 September 2019, proceedings available in forthcoming series (Springer) https://www.springer.com/gp/book/9783030372170 P.P. 779-787	2019
		IoT Based Power Management System	Fourth World Conference on Smart Trends in Systems, Security and Sustainability (WorldS4), London, UK (Scopus)	2020
		Segmentation and classification of primary brain tumor using multilayer perceptron	<u>Computational Vision and Bio-Inspired Computing</u> part of the : <u>Advances in Intelligent Systems and Computing book series</u> https://link.springer.com/chapter/10.1007/978-3-030-37218-7_86	2020
		Cost effective anonymous data sharing with forward security using improved authentication	Indonesian Journal of Electrical Engineering and Computer Science (Scopus)	2023
		Searching Encrypted Data over Cloud using Expressive Keyword Search with Efficiency and compression	NOVYI MIR Research Journal	2023
		Plant Disease Detection using Deep Learning	Industrial Engineering Journal UGC Care Approved, Group I, Peer Reviewed Journal , with IF=6.82	2024
		Optimizing EV battery performance: active cell balancing using PIC18f4550 BMS	Industrial Engineering Journal UGC Care Approved, Group I, Peer Reviewed Journal , with IF=6.82	2024
		AIML based emotion detection.	UGC CareInternational Journal of Advance Research and Innovative Ideas in Education, DOI: 16.0415/IJARIIIE-23375 Peer Review Journal	2024
Smart Quill Technology	International Journal of All Research Education & Scientific Methods An ISO & UGC Certified Peer-Reviewed/ Refereed Journal UGC Journal No. : 7647	2024		
2	Prof.Pratibha Chavan	A Novel Approach to Design Optimized Codebook By Adaptive VQ for Image Compression using PSO Algorithm	International Congress on Engineering and Technology	2019
		Role of DCT in image processing	ePGPEX-ACOE, Sangamner	2021
		Implementation of DCT and Fractal Compression Technique	5th International Conference ICECA	2021
		Advance Antennas System for 5G Wireless Technology	ICESC 2021	2021
		Design and analysis of HF antenna for 5G Technology	ePGPEX-2021, ACOE, Sangamner	2021
3	Prof. Anil G. Sawant	Implimentation of Simon & Speck algorithm	International Journal of Emerging Technologies and Innovative Research an Open Access Journal UGC Approved 5.87 Impact Factor, Vol. 6 Issue 01, January 2019 ISSN 2349-5162	2019
		Twofish Algorithm for Encryption and Decryption	International Journal of Emerging Technologies and Innovative Research an Open Access Journal UGC Approved 5.87 Impact Factor, Vol. 6 Issue 01, January 2019 ISSN 2349-5162	2019
		Design and Implementation of PRSENT BLOCK CIPHER Algorithm	International Journal of Emerging Technologies and Innovative Research an Open Access Journal UGC Approved , Impact Factor5.87 , Vol. 6 Issue 01, January 2019 ISSN 2349-5162	2019
		Spartan-6 FPGA Implementation of AES Algorithm	International conference on Communication and Cyber Physical Engineering (ICCCE-19), on 1-2 nd February 2019 Springer Nature Lecture Notes in Electrical Engineering , Vol 570 ISSN 1876-1100 https://doi.org/10.1007/978-981-13-8715-9 (Scopus Index Springer Conference).	2019
		Spartan-6 FPGA Implementation of SIMON Light Weight Block Cipher Algorithm on 45 nm and 90 nm Technology	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET) e-ISSN: 2319-8753, p-ISSN: 2320-6710 www.ijirset.com Impact Factor: 7.569 Volume 10, Issue 8, August 2021 DOI:10.15680/IJIRSET.2021.1008001	2021
		AES and SIMON Algorithms in 45 nm and 90 nm Technology implemented on Spartan-6 FPGA	International Conference on Recent Advances in Science, Engineering & Technology (ICRASET-2023) , Scopus Index Taylor & Francis Conference. https://doi.org/10.1201/9781003527442	2023

		Student Attendance Tracking System Using AWS Connectivity	UGC Care Industrial Engineering Journal Volume : 53, Issue 5, No.7, May : 2024, UGC Care Approved, Group I, Peer Reviewed Journal with IF=6.82, ISSN 0970-2555.	2024
		Solar Powered Smart Irrigation System	Indian Institution of Industrial Engineering UGC Care Industrial Engineering Journal Volume : 53, Issue 5, No. 7, May : 2024 UGC Care Approved, Group I, Peer Reviewed Journal with IF=6.82, ISSN 0970-2555.UGC Care	2024
		Free Space Optical Laser Based Data Transmission System for Smart Communication	International Journal of Advanced Technology in Engineering and Science (IJATES) ,Volume : 12, Issue 04, April : 2024 Peer Reviewed Journal with IF=6.7, ISSN 2348-7550	2024
		Exploring Web Development: Design, Implementation, and Challenges	International Journal of Advance Research and Innovative Ideas in Education Peer Reviewed Journal ,Volume : 10, Issue 03, 2024 Page No 869-876 ISSN 2395-4396. Peer Reviewed Journal	2024
		Online Placement Management System With 'AWS' Connectivity	Indian Institution of Industrial Engineering UGC Care Industrial Engineering Journal Volume : 53, Issue 5, No.5, May : 2024, UGC Care Approved, Group I, Peer Reviewed Journal with IF=6.82, ISSN 0970-2555.	2024
4	Prof. Pranjali Deshmukh	Codebook Optimization using Hybrid Image Compression Models	International conference on Data Acquisition, Processing and Communication, Industrial Engineering Journal, ISSN: 0970-2555,Volume : 53, Issue 2, No. 2, (UGC Care)	2024
		Machine Learning Techniques for Crop Prediction and Leaf Disease Detection	2nd International conference ICITET on Innovative Trends in Engineering and Technology,ISBN: 978-93-91535-73-5	2024
		Vibro-Volt: Harnessing Motion for Power Generation	International Journal of Research Publication and Reviews, Vol 5, no 5, pp 602-606	2024
		Aiml Based Emotion detection.	International journal of advance research and innovative ideas in education , ISSN(O) : 2395-4396, Paper Id : 23375,volume 10, Issue 2, 2024	2024
		Grass Cutter Using Solar Panel With Battery Backup	International Journal of Scientific Research in Engineering and Management (JSREM), Volume: 08 Issue: 05 , SJIF Rating: 8.448, ISSN: 2582-3930	2024
		Advancements in Voice-Controlled Mobility: Design and Simulation of an ESP32-Based Wheelchair System: A REVIEW"	International Journal of Scientific Research in Engineering and Management (IJRSET), Volume 13, Issue 5	2024
5	Prof. Ritu Rani	Development and Evaluation of a Portable Audiometer with Remote Health Care Facility	International Journal of All Research Education & Scientific Methods, ISSN No: 2455-6211", Impact Factor : 2.287, in the current Issue, Volume 4, Issue 5,	2016
		Portable Audiometer for detecting hearing disorder at an early stage for cancer patient	International Conference on Automatic Control and Dynamic Optimization Techniques (ICACDOT) DOI: 10.1109/ICACDOT.2016.7877563 , Publisher: IEEE (Date Added to IEEE Xplore: 16 March 2017 Date of Conference: 09-10)	2016
		Trust Management Strategies for Ensuring Data Integrity in Multi-Hop WSN Environments	International Journal for Advance Research In Science & Technology , ISSN:2457 0362, Volume 11, Issue 12, ISSN 2457 – 0362	2021
		Challenges & Solutions in Securing Data Transmission Across Multi- Hop WSN	International Journal for Innovative Engineering &Management Research, ISSN:2456 5083, Vol 11 Issue 12,	2022
		Hybride Techniques for image compression a compressive review	2nd International conference on innovative trends in Engineering & Technology ICITE-2024 , ISBN:- 978-93-91535-73-5	2024
6	Prof.Ashwini Deshmukh	The Future of Smart Waste Management in Urban Areas: A Holistic Review	International Conference on Next Generation Electronics (NEleX) 10.1109/NEleX59773.2023.10420931, Vellore, India (IEEE Explorer: 2023)	2024
		Hotel Booking System Using Web Development	International Journal on Advance Research and Innovative Ideas in Education, ISSN(O):2395-4396, volume 10, Issue 2, 2024	2024
7	Prof.Deepti Pande	Content-Aware Video Analysis of Sport Videos using Machine Learning	SARC International Conference, Pune, India. ISBN: 978-93-90150-31-1	2022
		Diabetic Retinopathy Detection System by Deep Learning	International Research Journal of Modernization in Engineering Technology and Science Volume:05/Issue:04/April-2023	2023
		Content-Aware Video Analysis of Sport Videos Using Machine Learning	International journal of creative research ,	2023
		Transfer Learning for Object Detection in Remote Sensing Images with YOLO	Journal Of Electrical System,Scopus	2024
		Free Space Optical Laser Based Data Transmission System for Smart Communication	2nd International conference ICITET on Innovative Trends in Engineering and Technology, ISBN: 978-93-91535-73-5	2024

		Free Space Optical Laser Based Data Transmission System for Smart Communication	International Journal of Advanced technology in Engineering and Science	2024
		The real time vehicle tracking system	Industrial Engineering Journal ISSN: 0970-2555 Volume : 53, Issue 5, May : 2024	2024
8	Prof.Radhika Bodhe	Hotel Booking System Using Web Development	International journal of advance research and innovative idea in education volume 10 issue 2	2024
		IOT based remote monitoring system (RMS) for solar water pumping system	Industrial Engineering Journal ISSN: 0970-2555 Volume : 53, Issue 2, No.2 Feb : 2024	2024