



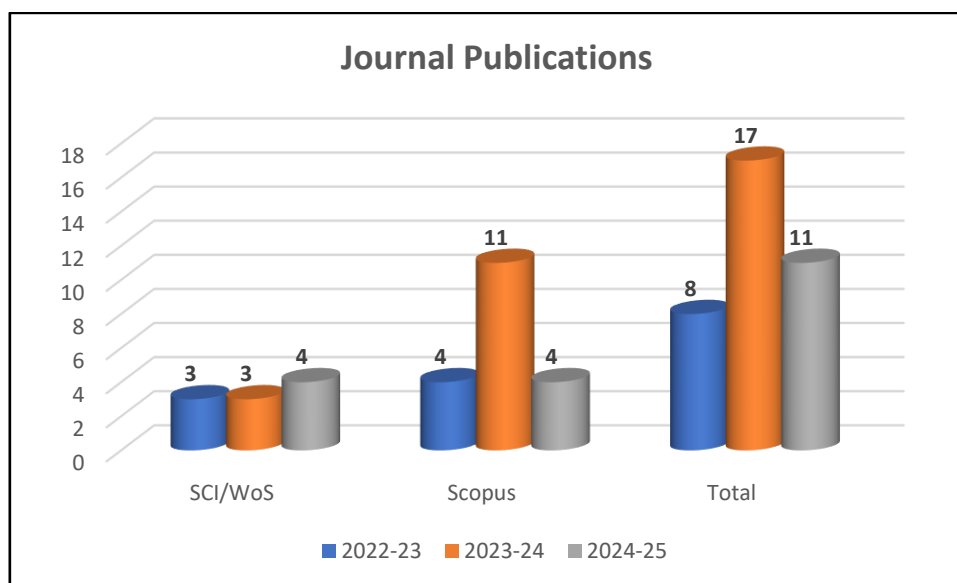
JSPM's
RAJARSHI SHAHU COLLEGE OF ENGINEERING
TATHAWADE, PUNE-33
(An Autonomous Institute Affiliated to Savitribai Phule Pune University, Pune)



Department of Information Technology

Summary of Journal Publications

Sr. No.	Year	SCI/WoS	Scopus	Others	Total
1	2022-23	3	4	1	08
2	2023-24	3	11	3	17
3	2024-25	4	4	3	11



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Research Paper Publications in Journals 2022-23

Sr. No.	Title of paper	Name of the author/s	Name of journal	Year of publication	ISSN number	Link to article/paper /abstract of the article	Indexing
A.Y. 2022-2023							
1.	FCM with Spatial Constraint Multi-Kernel Distance-based segmentation and Optimized Deep Learning for flood detection	Dr. Nihar M. Ranjan	International Journal of Image and Graphics-	2022-2023	1793-6756	https://doi.org/10.1142/S0219467824500414	Scopus
2.	A hybrid meta-heuristic ensemble-based classification technique speech emotion recognition	Dr. Nihar M. Ranjan	Advances in Engineering Software	2022-2023	0965-9978	https://doi.org/10.1016/j.advengsoft.2023.103412	SCI
3.	IoT Attack Detection and Mitigation with Optimized Deep Learning Techniques	Dr. Nihar M. Ranjan	Cybernetics and Systems An International Journal	2022-2023	1087-6553	https://doi.org/10.1080/01969722.2022.2145660	SCI
4.	An Improved Transfer Learning Approach for	Dr. Dipmala T. Salunke	IIETA Traitement du Signal journal.	2022-2023	0765-0019 (print);	https://www.iieta.org/journals/ts/paper/10.18280/ts.390622	SCI

Sr. No.	Title of paper	Name of the author/s	Name of journal	Year of publication	ISSN number	Link to article/paper /abstract of the article	Indexing
	Classification of Types of Cancer				1958-5608 (online)		
5.	Comparative Analysis of edge detection methods using deep learning	Dr. Dipmala T. Salunke	IJETT Journal	2022-2023	2231-5381	Comparative Analysis of Edge Detection Methods using Deep Learning (ijettjournal.org)	Scopus
6.	Pattern Classification using Supervised Hypersphere Neural Network	Dr. Dipmala T. Salunke	International Journal of Emerging Technology and Advanced Engineering	2022-2023	2250–2459	https://ijetae.com/files/Volume12Issue8/IJETAE_0822_25.pdf	Scopus
7.	Anomaly detection system in 5G networks via deep learning model	Dr. Nihar M. Ranjan	Int. J. Wireless and Mobile Computing	2022-2023	1741-1092	https://doi.org/10.1504/ijwmc.2023.131319	Scopus
8.	A Brief Survey of Text Document Classification Algorithms and Processes	Dr. Nihar M. Ranjan	Journal of Data Mining and Management InderScienece	2022-2023	1759-1171	https://doi.org/10.46610/JoDMM.2023.v08i01.002	UGC CARE/OT HERS

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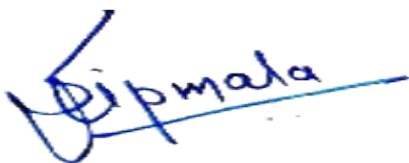
Research Paper Publications in Journals 2023-24

Sr. No.	Title of paper	Name of the author/s	Name of journal	Year of publication	ISSN number	Link to article/paper /abstract of the article	Indexing
A.Y. 2023-2024							
1.	Real Time Dimension Detection using Customized Canny Edge Detection Algorithm	Dr. Nihar M. Ranjan	International Journal of Engg. Trends and Technology	2023-2024	2231-5381	https://ijettjournal.org/archive/ijett-v71i9p233	Scopus
2.	Gradient Bald vulture optimization enabled multi objective unet++ with DCNN for prostate cancer segmentation	Dr. Nihar M. Ranjan	Biomedical Signal Processing and Control (SCI, Q1)	2023-2024	1746-8108	https://doi.org/10.1016/j.bspc.2023.105474	SCI
3.	Real Time Dimension Detection using Customized Canny Edge Detection Algorithm	Dr. Dipmala T. Salunke	International Journal of Engg. Trends and Technology	2023-2024	2231-5381	https://ijettjournal.org/archive/ijett-v71i9p233	Scopus
4.	Using a Clustering Algorithm and a Transform Function, Identify Forged Images	Dr. Jayesh M. Sarwade	International Research Journal of Multidisciplinary Scope (IRJMS)	2023-2024	2582-631X	https://www.irjms.com/wp-content/uploads/2024/01/Manuscript_IRJMS_0299_WS.pdf	Scopus

Sr. No.	Title of paper	Name of the author/s	Name of journal	Year of publication	ISSN number	Link to article/paper /abstract of the article	Indexing
5.	Stationary wavelet transform and SpinalNet trained light spectrum Tasmanian Devil Optimization enabled Deep Learning for diabetic retinopathy detection in fundus images	Dr. Nihar M. Ranjan	Multimedia Tools and Applications	2023-2024	1573-7721	https://doi.org/10.1007/s11042-024-19048-4	SCI
6.	Fractional Pelian Vulture optimization based classification and segmentation of breast cancer using mammogram images	Dr. Nihar M. Ranjan	Imaging Science Journal	2023-2024	1368-2199	https://doi.org/10.1080/13682199.2023.2298111	SCI
7.	FCM with Spatial Constraint Multi-Kernel Distance-based segmentation and Optimized Deep Learning for flood detection	Dr. Nihar M. Ranjan	International Journal of Image and Graphics-	2023-2024	1793-6756	https://worldscientific.com/doi/abs/10.1142/S0219467824500414	Scopus
8.	Real Time Dimension Detection using Customized Canny Edge Detection Algorithm	Dr. Pallavi M. Tekade	International Journal of Engg. Trends and Technology	2023-2024	2231-5381	https://mail.ijettjournal.org/Volume-71/Issue-9/IJETT-V71I9P233.pdf	Scopus
9.	WaveSafe Guardian: Enhanced Security Shield with Wavelet Analysis	Dr. Jayesh M. Sarwade	International Journal of Intelligent Systems and Applications in Engineering	2023-2024	2147-6799	WaveSafe Guardian: Enhanced Security Shield with Wavelet Analysis International Journal of Intelligent Systems and Applications in Engineering (ijisae.org)	Scopus
10.	Agri-Food Supply Chain: A Blockchain-Enabled	Dr. Jayesh M. Sarwade	International Journal of	2023-2024	2147-6799	Agri-Food Supply Chain: A Blockchain-Enabled Framework for	Scopus

Sr. No.	Title of paper	Name of the author/s	Name of journal	Year of publication	ISSN number	Link to article/paper /abstract of the article	Indexing
	Framework for Industry 4.0		Intelligent Systems and Applications in Engineering			Industry 4.0 Applications International Journal of Intelligent Systems and Applications in Engineering (ijisae.org)	
11.	Chaser Priori Wolf Optimization an Improved Optimization technique Video Content Classification and Detection	Dr.Sandeep M. Chaware	International Journal on Recent and Innovation Trends in Computing and Communication	2023-2024	2321-8169	https://www.ijisae.org/index.php/IJISAE/article/view/4152	Scopus
12.	CPW Optimization a Novel Optimization Algorithm to Improve Classification of Objects in Video Content Detection	Dr.Sandeep M. Chaware	International Journal of Intelligent Systems and Applications in Engineering	2023-2024	2147-6799	https://www.ijisae.org/index.php/IJISAE/article/view/4152/2792	Scopus
13.	Exploring Applied Nonlinear Analysis and Machine Learning in the Evolution of Communication Technology	Dr. Nihar M. Ranjan	Communications on Applied Nonlinear Analysis	2023-2024	1074-133X	https://internationalpubls.com/index.php/cana/article/view/284	Scopus
14.	A Comparative Analysis of ARIMA and VARAlgorithms for Performance Analysis of High-Speed Diesel Pumps	Dr. Nihar M. Ranjan	International Journal of INTELLIGENT SYSTEMS AND APPLICATIONS IN ENGINEERING		ISSN:2147-67992147-6799	https://ijisae.org/index.php/IJISAE/article/view/4832/3520	Scopus

Sr. No.	Title of paper	Name of the author/s	Name of journal	Year of publication	ISSN number	Link to article/paper /abstract of the article	Indexing
15.	A Review Of Artificial Intelligence Technique's Used With Renewable Energy Systems	Dr. Sonali P. Rangadale	ANVESHANA'S INTERNATIONAL JOURNAL OF RESEARCH IN ENGINEERING AND APPLIED Sciences	2023-2024	2455-6300	http://publications.anveshanaindia.com/wp-content/uploads/2023/05/A-REVIEW-OF-ARTIFICIAL-INTELLIGENCE-TECHNIQUES-USED-WITH-RENEWABLE-ENERGY-SYSTEMS.pdf	UGC CARE/OTHERS
16.	An Analysis Of Assemble PREDICTION MODELS FOR ENERGY USE IN BUILDINGS USING ARTIFICIAL INTELLIGENCE	Dr. Sonali P. Rangadale	ANVESHANA'S INTERNATIONAL JOURNAL OF RESEARCH IN ENGINEERING AND APPLIED Sciences	2023-2024	2455-6300	http://publications.anveshanaindia.com/wp-content/uploads/2023/05/AN-ANALYSIS-OF-ASSEMBLE-PREDICTION-MODELS-FOR-ENERGY-USE-IN-BUILDINGS-USING-ARTIFICIAL-INTELLIGENCE.pdf	UGC CARE/OTHERS
17.	A Brief Survey on Data Preprocessing Techniques based on Image Represented by a Fuzzy Function using Neural Network	Dr. N. M. Ranjan	International Journal for Research in Applied Science & Engineering Technology	2023-2024	2321-9653	https://www.ijraset.com/research-paper/a-brief-survey-on-data-preprocessing-techniques-based-on-image-represented	UGC CARE/OTHERS



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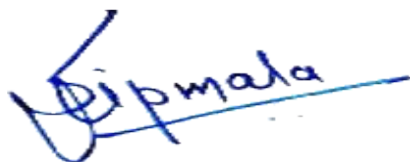
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Research Paper Publications in Journals 2024-25

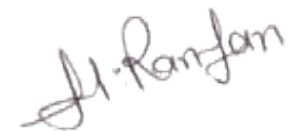
Sr. No.	Title of paper	Name of the author/s	Name of journal	Year of publication	ISSN number	Link to article/paper /abstract of the article	Indexing
A.Y. 2024-2025							
1.	A secure Data Sharing Framework with AESMO Enabled Key Generation in Consortium Blockchain Based E- Government System	Nihar ranjan	Knowledge Based System	2024-2025	1872-7409	https://www.sciencedirect.com/science/article/abs/pii/S0950705125002072	SCI (Q1)
2.	Deep Learning Driven Rainfall Prediction Leveraging Hybrid Child Drawing Development Optimization and Time Series Data	Nihar ranjan	Earth Science Informatics	2024-2025	1865-0481	https://link.springer.com/article/10.1007/s12145-025-01742-y	SCI(Q2)
3.	Deep Learning Modified Reinforcement Learning with Virtual Machine Consolidation for Energy-Efficient Resource	Dipmala Salunke	International Journal of Cooperative Information Systems	2024-2025	1793-6365	https://www.worldscientific.com/doi/10.1142/S0218843024500059	SCI(Q3)

Sr. No .	Title of paper	Name of the author/s	Name of journal	Year of publication	ISSN number	Link to article/paper /abstract of the article	Indexing
	Allocation in Cloud Computing						
4.	Proactive Soyabean Disease Detection through YOLO Leaf Extraction and RseNet-50 Classification to reduce crop loss and Boost Productivity	Jayesh M. Sarwade	International Journal of Engineering Trends and Technology	2024-2025	2231-5381	https://ijettjournal.org/archive/ijett-v73i1p133	Scopus-Q4
5.	The Application of virtual machine placement using Fuzzy Grouping Genetic Algorithm	Jayesh M. Sarwade	Journal of Advances in Information Technology	2024-2025	1798-2340	https://www.jait.us/articles/2025/JAIT-V16N2-189.pdf	Scopus(Q3)
6.	Intelligent Guitar Chord Recognition Using Spectrogram-Based Feature Extraction and AlexNet Architecture for Categorization	Jayesh M. Sarwade	International Journal of Advanced Computer Science and Applications	2024-2025	2156-5570	https://thesai.org/Publications/ViewPaper?Volume=16&Issue=4&Code=IJACSA&SerialNo=75	Scopus (Q3)
7.	Osteoporosis classification using VGG-16 and logistic regression: A radiograph and BMD data approach”	Dipmala Salunke	Intelligent Decision Technologies	2024-2025	1875-8843	https://doi.org/10.3233/IDT-240227	WoS (Q3)
8.	Revolutionizing Healthcare Security: A comprehensive exploration of Blockchain-Based Medical Data Protection	Dipmala Salunke	Frontiers in Health Informatics	2024-2025	2676-7104	https://healthinformaticsjournal.com/index.php/IJMI/article/view/245	Others
9.	WaveSafe Guardian: Enhanced Security Shield with Wavelet Analysis	S P Rangdale	International Journal of Intelligent Systems and	2024-2025	2147-6799	https://ijisae.org/index.php/IJISAE/article/view/5721	Others

Sr. No.	Title of paper	Name of the author/s	Name of journal	Year of publication	ISSN number	Link to article/paper /abstract of the article	Indexing
			Applications in Engineering				
10.	Revolutionizing Healthcare Security: A comprehensive exploration of Blockchain-Based Medical Data Protection	Jayesh M. Sarwade	Frontiers in Health Informatics	2024-2025	2676-7104	https://healthinformaticsjournal.com/index.php/IJMI/article/view/245	Others
11.	Enhancing prediction of crop yield and soil health assessment for sustainable agriculture using machine learning approach	Jayesh M. Sarwade	MethodsX	2024-2025	2215-0161	https://www.sciencedirect.com/science/article/pii/S221501612500264X	Scopus (Q2)



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