

Journal / Book Series Publication 2025-2026

Sr. No.	Name of Faculty	Co-Author Name/s	Title of Paper / Book Chapter / Book	Details of Journal / Book Series					DOI	Indexing
				Name of Journal / Book Series / Publisher	Month & Year of Publication	Volume	Issue	ISSN / ISBN		
1	Ms. Kavita Bathe	Dr.Nita Patil	Flood Detection and Mapping: A Critical Review of Methods, Challenges and Future Prospects	Journal of the Indian Society of Remote Sensing; pages 3511–3542 (2025) Imapct factor 2.2	14th Aug 2025	53	-	0974-3006	https://doi.org/10.1007/s12524-025-02277-x	WoS, SCIE
2	Ms. Nisha Vanjari	Dr. Prasanna Shete	Novel convolution neural network model for dysgraphia affected handwriting classification	IAES International Journal of Artificial Intelligence; Imapct Factor 3.9;	20th Apr 2026	15	2	2089-4872/2252-8938	https://doi.org/10.11591/ijai.v15.i2.pp1418-1427	Scopus
3	Ms. Pradnya Patil	Priyanka Deshmukh, Minal Sonkar	An AI-Driven Multimodal Framework for Language Inclusive STEM Education in Indic Languages	International Journal of Information Technology; Springer (Accepted)	27th Dec 2025	8	-	2511-2104	https://doi.org/10.1007/s41870-025-03009-7	Scopus, Web of Science
4	Ms. Pradnya Patil	Dr. Sunita Patil	Traditional Ecological Knowledge and Modern Science: A Synergistic Approach to Rainfall Prediction and Environmental Sustainability	ECOLOGY, ENVIRONMENTISSN AND CONSERVATION, Publisher: EM Publication (Accepted)	Mar-26	32	-	0971 - 765 X	http://doi.org/10.53550/EEC.2026.v32.i02s.037	Web of Science

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5	Ms. Pradnya Patil	Dr. Sunita Patil	MuSETVGG: A Hybrid Ensemble Framework for Sanskrit–English Translation and Rainfall Prediction from Meghamala Texts	International Journal of Information Technology, Soringer	25th Oct 2025	8	-	2511-2104	https://doi.org/10.1007/s41870-025-02755-y	Scopus
6	Dr. Madhura Phadake	Dr. Shreya Patankar	A CNN-transformer framework for emotion recognition in code-mixed English–Hindi data	Discover Artificial Intelligence, Springer	18th July 2025	5	-	2731-0809	https://doi.org/10.1007/s44163-025-00400-y	Scopus
7	Dr. Madhura Phadake	Priti V. Kale, Narendra M. Kandoi, Aniket K. Shahade, Disha S. Wankhede, Priyanka V. Deshmukh	Adaptive Attention-Based U-Transnet Architecture with Optimized Metaheuristic Classifier for Early Liver Tumor Detection	Journal Européen des Systèmes Automatisés; Impact factor 1.7	31st Aug 2025	58	8	1269-6935, 2116-7087	https://doi.org/10.18280/jesa.580807	Scopus
8	Dr. Madhura Phadake	Ashwini S. Sengar, Amruta V. Patil, Disha S. Wankhede,	AI-Powered Multi-Class Brain Tumor Classification Using PSO-Optimized Deep Learning	Ingénierie des Systèmes d'Information; Impact Factor 3.4; ISSN: 1633-1311 (print); 2116-7125 (online) pp. 921-929	31st March 2026	31	3	2116-7125	https://doi.org/10.18280/isi.310323	Scopus

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		Priyanka V. Deshmukh, Aniket K. Shahade								
9	Dr. Shreya Patankar	Dr. Madhura Phadake	A CNN-transformer framework for emotion recognition in code-mixed English–Hindi data	Discover Artificial Intelligence, Springer	18th July 2025	5	-	2731-0809	https://doi.org/10.1007/s44163-025-00400-y	Scopus
10	Dr. Surekha Janrao	Tavion Fernandes, Ojas Golatkar, Swaraj Dusane	Enhancing the Airbnb Experience: Dynamic Pricing Strategy	IAES International Journal of Artificial Intelligence (IJ-AI)	18th Dec 2025	9	4	2252-8938	DOI: https://doi.org/10.55267/iadt	Scopus
11	Dr. Surekha Janrao	Tavion Fernandes, Ojas Golatkar, Swaraj Dusane	Deep learning approaches for Braille detection and classification: comparative analysis	International Journal of Artificial intelligence; Volume-14, Issue-6; ISSN: 2252-8938,	6th Dec 2025	14	6	2252-8938	DOI: 10.11591/ijai.v14.i6.	Scopus
12	Dr. Nilesh Yadav	Swapnil R. Shinde, Dipti Jadhav, Deepak Dharrao, Anupkumar M.	Enhancing Face Liveness Detection: Novel Deep CNN Architectures for Anti-Spoofing	Engineering, Technology & Applied Science Research (ETASR); Impact factor 2.12	6th Oct 2025	15	5	1792-8036	https://doi.org/10.48084/eta sr.12431	Scopus

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		Bongale								
13	Dr. Nilesh Yadav	Devam Dixit, Aditya Bhavsar, Shreyas Jani	Deep Learning and Image Analytics for Forest Land Management: Classification, and Object Detection	Journal of Computer Science; ISSN: ISSN: 1549-3636 (Print) ISSN: 1552-6607 (Online); Volume 22, Issue- 3, DOI:0.3844/jcssp.2026.1100.1112, Impact factor 6.1	26th March 2026	22	3	1552-6607	DOI: https://doi.org/10.3844/jcssp.2026.1100.1112	Scopus
14	Dr. Abhijit Patil	Ms. Divija Kinger, Mr. Devashish Bhake	Monitoring, Reporting, And Verification (Mrv) For Carbon Offsetting Using Deep Learning Techniques	Journal of Green Building; Impact factor 1.1	15th Sep 2025	20	3	1552-6100	https://doi.org/10.3992/jgb.203.295	SCOPUS, Web of Science
15	Dr. Abhijit Patil	Ayush Bhandari, T rushil Dhokiya, Akash Dhonde	Handwritten Character Generation Using Generative Adversarial Networks (GANs)	INDIAN SOCIETY FOR TECHNICAL EDUCATION, ISSN: 0971-3034, Volume 49 1 Special Issue 1 No. 2 1 January 2026	2nd Jan 2026	49	-	0971-3034	https://ijteonline.in/special_issues	Scopus
16	Dr. Asmita Deshmukh	Dr. Sulochana Madachane , Rupali Sharma, Supriya Waghmare	Smart Health Monitoring System for early Menopause Detection using IOT and Wearable Sensors	Vesper Journal; SJR=.103(4.7IF); pp. 138-170	17th Oct 2025			2704-7598	DOI: 10.5092/vesper.09101233	Scopus

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17	Dr. Asmita Deshmukh	Sanjay Deshmukh, Ojas Chanakya, Om Gabani, Kashish Patni	Design and implementation of QUADRESCUE: A ROS-based quadraped robot for disaster response support	International Journal of Robotics and Automation (IJRA); Impact Factor: 3.9 (Q2); IAES pp. 387~398	2nd Dec 2025	14	4	2722-2586	DOI: 10.11591/ijra.v14i4.pp387-398	Scopus
18	Dr. Asmita Deshmukh	Dr. Anjali Raut , Vedant Deshmukh	Scalable resume screening using large language model Meta AI version 3	IAES International Journal of Artificial Intelligence (IJ-AI); ISSN: 2252-8938; Impact Factor: 3.9; Vol. 15, No. 1, February 2026, pp. 953~961 ISSN: 2252-8938, DOI: 10.11591/ijai.v15.i1.pp953-961	20th Feb 2026	15	1	2252-8938	DOI: 10.11591/ijai.v15.i1.pp953-961	Scopus
19	Dr. Asmita Deshmukh	Sanjay Deshmukh, Ojas Chanakya, Om Gabani, Kashish Patni	Design and implementation of QUADRESCUE: A ROS-based quadraped robot for disaster response support	IAES International Journal of Robotics and Automation (IJRA); ISSN: 2722-2586, Impact Factor: 0.136	25th Dec 2025	14	4	2722-2586	10.11591/ijra.v14i4.pp387-398	Scopus