

Sr No	Year	Title of paper	Name of the author/s	Name of Journal	Year of publication	ISBN/ISSN number	Included in UGC Care	Scopus Indexed In the publication year (Specify if it is discontinued afterwards)	SCI indexed	Impact factor	H Index of the journal	Quartile	Link to website of the Journal	
1	2025-26	Gender Equity: Essential for sustainable future	Dr. Madhavi Belsare	International Journal for Humanities Education, Vol 14, No. 1, 2026	2025-26	2327-2457	Yes	Yes	No	6.78	5	Q3	https://www.cm-os-cgm.org/422/ijhe/issue-details.php?pid=808	
2	2025-26	Hollow ZnO nanorod in PVDF matrix for high-performance sensing, vibration energy harvesting and wearable application	Pawan Arunkumar Upadhye, Shambo Roy Chowdhury, Vanish Kumar, Rahul Ranjan, Sanjeev Kumar, Sudip Mondal, Junghwan Oh, Mrinmoy Misra	Scientific Reports – Nature Portfolio	2025-26	ISSN: 2045-2322	Yes	Yes	Yes	3.9	347	Q1	https://www.nature.com/articles/s41598-025-04577-1	
3	2025-26	AI-Driven Integrated Robotic Systems for Smart Material Handling and Real-Time Inspection in Fabric Manufacturing	Sagar Giradkar, Pavan Patil, Shubhangi Deshpande, Pawan Upadhye, Rashmi Limaye	GRENZE International Journal of Engineering and Technology	2025-26	ISSN: 2395-5295	NO	NO	NO	4.2	4		https://thegrenze.com/index.php?display=page&view=journalabstract&absid=4478&id=8	
4	2025-26	Crop Doctor: Automated Plant Diseases Diagnosis System	Mahendra Patel, Tejas Ahire, Prathmesh Birle, N. D. Kuchekar	International Journal of Innovative Research of Science, Engineering and Technology (IJRASET), Volume 14, Issue 6, June 2025	2025-26	ISSN: 2347-6710	NO	NO	NO	8.6			https://www.ijraset.com/upload/2025/june/115_Crop%20Doctor.pdf	
5	2025-26	Sign Language Recognition with Deep Learning	Srushti Raskar, Neha Rane, Janhavi Kulkarni, Prof. N. D. Kuchekar	International Journal for Research in Applied Science & Engineering Technology (JRASET) Volume 13 Issue VI June 2025	2025-26	2321-9653	NO	NO	NO	7.5			https://doi.org/10.22214/ijraset.2025.72394	
6	2025-2026	Railway Track Crack Detection System	Omkar Kanse, Sayali Raut, Himanshu Gaikwad, Prof.M.P.Potdar , Prof.K.C.Wanzare,	International Journal of Innovative Research of Science, Engineering and Technology (IJRASET), Volume 14, Issue 6, June 2025	2025-26	2347-6710	NO	No	No	8.699	53	Not Specified		
7	2024-25	ECFO-DCNN:Egocentric Critter Fish Optimization Enabled deep Convolution Neural Network for Brain Tumor Classification	Mahesh P Potadar, Raghunath S Holambe & Rajan H Chile	Biomedical Materials & Devices	2024-25	ISSN 2168-1163	NO	Springer				Q2	https://link.springer.com/article/10.1007/s44174-025-00311-7	
8	2024-25	Automatic Cooking Machine	Dr P G Shete, Karan Zarekar, Vaishnavi Chavan, Siddhi Mandhare	International Journal of Innovative Research in Science, Engineering and Technology, Vol.14, Issue 5, May 2025	2024-25	2319-8753 (Online) & 2347-6710(print)		NO	NO	8.699			https://www.ijraset.com/upload/2025/may/486_Automatic.pdf	
9	2024-25	Lightwave Modulation in Free-Space Optical Communication A Review	Shachi Kadam, Chinchu Joseph, K.J.Kulkarni, A.A.Bazil Raj	International Journal of Engineering Research and Reviews Vol. 12, Issue 3, July - September 2024.	2024-25	2348-697X (Online)							https://doi.org/10.5281/zenodo.13847926	
10	2024-25	Indoor Vehicle Tracking Using GPS and 4G	Shlok Bagmar, Akshada Nangare, Omkar Javarat, Madhavi Belsare	The Indian Journal of Technical Education, Published by ISTE, New Delhi	2024-25	0971-3034	Yes	No	No	Not specified	Not specified	Not specified	https://www.isteonline.in/Datafiles/cms/Special%20Issues/Sp1%20issue%202%20August%202024%20for%20web%20uploading.pdf	NON OPERATIVE
11	2024-25	Turbo Drone for the Removal of Water Hyacinth	Vikrant Pardeshi, Amol Bhole, Sambhaji Waghmare, Abhijit Ghodake, Vaishali Gongane	The Indian Journal of Technical Education, Published by ISTE, New Delhi	2024-25	0971-3034	No	No	No	Not specified	Not specified	Not specified	https://isteonline.org/iste-journal	NON OPERATIVE
12	2024-25	A Comprehensive Review of Direction of Arrival (DoA) Estimation Techniques and Algorithms	Saanvi Kulkarni, Avani Thakur, Samraddhi Soni, Anil Hiwale, Madhavi H. Belsare, A.A. Bazil Raj	Journal of Electronics and Electrical Engineering, December 2024.	2024-25	2972-3280	No	No	No	Not specified	Not specified	Not specified	https://ojs.wiserpub.com/index.php/JEEE	
13	2024-25	Agribot for seed plantation	Janhavi Bora, Siddhi Shinde, Gauri Pacharane, Anand Najan, Madhavi Belsare, Muktak Kanaskar	International Journal of Innovative Research in Science Engineering, Vol 14, Issue 5	2024-25	2319-8753	No	No	No	8.699	Not specified	Not specified	https://www.ijraset.com/upload/2025/may/436_Agribot.pdf	
14	2024-25	A Comprehensive Review of Ground Penetrating Radar: Techniques, Applications and Future Directions	Abhishek Rangole, Sampurna De, Nilesh Kuchekar, A A Bazi Raj	International Journal of Engineering Research and Reviews, Vol. 12, Issue 3, Month: July - September 2024	2024-25	2348-697X	No	No	No	Not specified	Not specified	Not specified	https://doi.org/10.5281/zenodo.13842586	
15	2024-25	Use of Battery Operated Triggers for Anti-Personnel Landmines	Mr. Tejas Raut, Mr. Shirish Sawant, Mr. Siddhant Rathod, Mr. Saurav Jagtap, Prof. Gouri Kulkarni	International Journal of Research Publication and Reviews	2024-25	2582-7421		No					https://ijrpr.com/uploads/V5ISSUE10/IJRPR33856.pdf	
16	2024-25	Data Security For Smart Healthcare System	Mr.Param Malpani,Mr.Niket RRathi , Ms.Rimzim Chandak,K.C.Wanzare	International Journal For Multidisciplinary Reasearch (IJFMR) ,Volume 7,Issue 3 (May-June 2025)	2024-25	2582-2160	No	No	No	9.24	Not Specified	Not Specified	https://www.ijfmr.com/research-paper.php?id=47202	
17	2024-25	A Comprehensive Review on Security in Free Space Optical Communication	Shreya Patil, Chinchu Joseph, D.T. Varpe, A.A. Bazil Raj	International Journal of Engineering Research and Reviews	2024-25	2348-697X	No	No	No	Not specified	Not specified	Not specified	https://www.researchgate.net/publication/384564070_A_Comprehensive_Review_on_Security_in_Free_Space_Optical_Communication	
18	2024-25	Implementing Position Algorithm Using Inclinometer for Commercial Vehicle	Avantika B Tambe, Sakshi Jadhav, Shruti A Patil, Madhavi H Belsare	THE INDIAN JOURNAL OF TECHNICAL EDUCATION, PUBLISHED BY INDIAN SOCIETY FOR TECHNICAL EDUCATION, NEW DELHI	2024-25	0971-3034	Yes	No	No	Not specified	Not specified	Not specified	https://www.isteonline.in/Datafiles/cms/Special%20Issues/Sp1%20issue%202%20August%202024%20for%20web%20uploading.pdf	
19	2024-25	Harnessing the Sun: Advances in MPPT for Efficient Solar Energy Systems	Sujan Dhuri1, Chaitanya Hande2, Uday Sonawane3 and Usha Walke	Grenze International Journal of Engineering and Technology, June Issue	2024-25	Grenze ID: 01.GIJET.11.2.605	No	No	NO	Not specified	Not specified	Not specified	https://thegrenze.com/index.php?display=page&view=journalabstract&absid=4482&id=8	
20	2023-24	Implementation of AI-Based Robotic Self Navigation System	Prof. Pawan Upadhye, Amar Bhosale, Vishal Patil , Prathmesh Jangam, Kranti Chavan, Dr. Atul Wani	International Journal for Research in Applied Science and Engineering Technology (JRASET)	2023-24	ISSN: 2321-9653	Yes	No	No	7.5			https://www.ijraset.com/research-paper/implementation-of-ai-based-robotic-self-navigation-system	
21	2023-24	Optimizing Communication System with Applied Nonlinear Analysis Techniques	Pawan Arunkumar Upadhye, Gauri Ghule, Manjusha Tatiya, Shrinivas T. Shirkande, Shweta M. Kashid, Darshana Bhamare	Communications on Applied Nonlinear Analysis ISSN: 1074-133X	2023-24	ISSN 1074-133X	Yes	Yes	NO	0.25	16	Q4	https://internationalpubs.com/index.php/cana/article/view/277	
22	2023-24	Deep learning driven QoS anomaly detection for network performance optimization	Pawan Aunkumar Upadhye, Madhuri Ghuge, Nidhi Ranjan, Rupali Atul Mahajan, Shrinivas T. Shirkande, Darshana Bhamare	JES (Journal of electrical System)	2023-24	ISSN 1112-5209	Yes	Yes	NO	1.09	22	Q4	https://journal.esrgroups.org/jes/article/view/695	
23	2023-24	Tomato Plant Disease Detection System	U.A.Walke, Parth Jaiswal, Mansi Jadhav, Sabah Bagwan	International Journal of All Research Education and Scientific Methods (IJARESM)	2023-24	2455-6211	Yes	No	No	9.24	-	Not specified	https://www.ijfmr.com/publication-guidelines.php	

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24	2023-24	Optimizing Single Image Super-resolution and upscaling for resource-constrained computing environments	Tanveer Patil, Tanuja Khataavkar, Vaishali Gongane	PICT's International Journal of Engineering and Technology (PIJET), Volume-1, Issue-1, December 2023	2023-24	2584-2668	No	No	No	-	-	-	https://www.pijet.org/papers/volume-1%20issue-1/Final%20revised%20paper_Pijet-2.pdf
25	2023-24	Video Summarization using NLP	Swapnil Andhale , Raghav Malu , Vyankatesh Potdar, Prof Tanuja Sachin Khataavkar	International Journal of Scientific Development and Research	2023-24	2455-2631	No	No	No	9.15	-	-	https://www.ijedr.org/viewpaperforall.php?paper=IJSR2306069
26	2023-24	Design and development of a deep learning model for brain abnormality detection using MRI.	Mahesh P Potadar, Raghunath S Holambe & Rajan H Chile	Taylor & Francis, Computer Methods in Biomechanics & Biomedical engineering-Imaging and Visualization, Volume 12, 2024 - Issue 1, Dec 2023	2023-24	2168-1163 / 2168-1171			Yes				
27	2023-24	Automatic Multi-Class Brain Tumor Classification Using Residual Network-152 Based Deep Convolutional Neural Network	Mahesh Pandurang Potadar and Raghunath Sambhaji Holambe	International Journal of Pattern Recognition and Artificial Intelligence, Vol. 37, No. 04, 2356001 (2023)March 24	2023-24	(print)0218-0014 ISSN (online): 1793-6381			Yes				
28	2023-24	Pneumatic end- effector for precise seeding	Piyush Malpure, Hrishikesh Chowkwale, Abhishek Gore, Aumkar Inamdar, Kunal Kale, Vaishali Gongane	PICT's International Journal of Engineering and Technology (PIJET), Volume-1, Issue-1, December 2023	2023-24	2584-2668	No	NO	No	-	-	-	https://pijet.org/archives
29	2023-24	A survey of explainable AI techniques for detection of fake news and hate speech on social media platforms	Vaishali V Gongane, Mousami V Munot, Alwin D Anuse	Journal of Computational Social Science, Volume 7, March 2024	2023-24	24322717, 24322725	Yes	Yes	Yes	2.3	24	Q2	https://link.springer.com/article/10.1007/s42001-024-00248-9
30	2023-24	Artificial Intelligence Based IT System	Prof. A.J. Saindane, Avdhut Khot, Rushikesh Hegade, Rohan Datar, Shekhar Ghorwade	International Journal of Advanced Research in Computer and Communication Engineering	2023-24	ISSN (O) 2278-1021, ISSN (P) 2319-5940	Yes	No	No	8.102	56		https://ijarce.com/papers/artificial-intelligence-based-it-system/
31	2023-24	Secure Deduplication with User-defined Access Control in Cloud storage	Vivek Solanke, Tushar Tambe, Swapnil Melkande, Prof. Dr. S. R. Litake	International Journal for Research in Applied Science & Engineering Technology	2023-24	2321-9653	No	No	No	8.067			https://www.ijraset.com/research-paper/secure-deduplication-with-user-defined-access-control
32	2022-23	Smart Document Classification	Tanmay Magadum, Priyanka Kumbhar, Shruti Zanzane, Prasanna G Shete	International Journal of Scientific Research in Engineering & Management	2022-23	2582-3930	Yes	No	No				https://ijsrem.com/download/smart-document-classification/
33	2022-23	Brain Tumor Classification using Deep learning	Mohammad Shahbaz Alam, Satyam Katakwar, Neha Mothe, Dr P G Shete	IJSREM '22, VOL 06, Issue 06,	2022-23	2582-3930	Yes	No	No				https://ijsrem.com/download/brain-tumor-classification-using-deep-learning/
34	2022-23	Smart cart billing system using IoT	Mansi Dattatray Nagre , Sayali Patil , Dnyanesh Ajabe , Dr. Madhavi Belsare	International Journal Of Scientific Development And Research	2022-23	2455-2631	No	No	No	9.15	Not specified	Not specified	https://ijsdr.org/1index.php
35	2022-23	Solar Power Monitoring System For Street Light	Rutuza Zare, Janai Patil, Diksha Anbhule, Prof. Dr. Madhavi Belsare	International Journal of Scientific Research in Engineering and Management	2022-23	2582-3930	No	No	No	6.997	Not specified	Not specified	https://ijsrem.com/
36	2022-23	Indoor Air Pollution Monitoring System	Rudresh Suresh Wanve, Bhargao Umap, Prajwal Ghatale, Prof. Dr Madhavi Belsare	International Journal for Multidisciplinary Research	2022-23	2582-2160	No	No	No	9.24	Not specified	Not specified	https://www.ijfmr.com/about-journal.php
37	2022-23	Smart monitoring system for manhole using IOT	Vedika Sanjay Jangam , Shruti Vikram Sohoni , Mayuri Ganpati Vanjole , Varsha Vitthal Date, Mrs. Tanuja Sachin Khataavkar	International Journal of Scientific Development and Research	2022-23	24552631	No	No	No	9.15	-	-	https://ijsdr.org/viewpaperforall.php?paper=IJS DR2305346
38	2022-23	Pomegranate Fruit Disease detection using Deep Learnig	Mukund Nemane, Digvijay Gaikwad, Saurabh Sathe, , Prof. Priya Deshpande	International Journal of Scientific Research in Engineering & Management	2022-23	2582-3930							
39	2022-23	Diagnosis of Diabetic Retinopathy using Fundus Images and Image Processing Methods	Abhishek Deshpande, Chinmay Joshi, Shreyas Babar, Dr. Prasanna G Shete	International Journal for Research in Applied Science & Engineering Technology	2022-23	2321-9653	Yes	No	No	--			https://www.ijraset.com/research-paper/diagnosis-of-diabetic-retinopathy-using-fundus-images
40	2022-23	Detection and moderation of detrimental content on social media platforms: current status and future directions	Prof Vaishali Gongane, Mousami V. Munot & Alwin D. Anuse	Social Network Analysis and Mining 12, 129, Springer(2022)	2022-23	8695450, 18695469	Yes	Yes	Yes	3.5	43	Q1	https://link.springer.com/article/10.1007/s13278-022-00951-3
41	2021 - 22	"Satark": Landslide Prediction System over Western Ghats of India	Prof. Jeevan R. Kulkarni ,Sneha S. Kulkarni , Mitali U. Inamdar,Nitin M. Tamhankar , Spandan B. Waghmare ,Kiran R. Thombare , Paresh S. Mhetre ,Tanuja Khataavkar , Yashodhan Panse ,Amey Patwardhan ,Yogini Soman	MDPI- LAND Journal-Open Access Article	2021 - 22	Land 2022, 11(5), 689; https://doi.org/10.3390/land11050689	-	Yes	Yes	3.2	33	Q1	https://www.mdpi.com/2073-445X/11/5/689
42	2021 - 22	Image Super-Resolution Using an Efficient Sub-Pixel Convolutional Neural Network	Soham Sheth Dr Mrs M P Atre, Prof M P Potadar, Prof Mrs T S Khataavkar	International Journal of Creative Research Thoughts	2021 - 22	23202882	Yes	-	No	7.97	-	-	https://ijcrt.org/papers/IJCRT2111081.pdf
43	2021-22	Automated Hand Dispenser	Manali Joshi , Sakshi Patil , Prajakta Joshi , Prof. S.K. Bavkar	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT), Volume 6, Issue 2,	2021-22	(Online) 2581-9429	No	No	No	7.301	Not specified	Not specified	https://www.researchgate.net/publication/352756027_Automated_Hand_Dispenserr
44	2021-22	Frequency reconfigurable patch antenna using slot,slits and defected ground structures:parametric analysis	Prof Vinaya Deshmukh	Australian Journal of Electrical and Electronics Engineering	2021-22				-	-			
45	2021-22	RFID based petrol pump automation system	Pawan Arunkumar Upadhye, Pooja Mandhare, Rajwardhan Autade, Vishal Gutal, Dr. S. D. Shribahadurkar	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT), Volume 6, Issue 2,	2021-22	ISSN (Online): 2581-9430	No	No	No	4.189			https://ijarsct.co.in/Paper1479.pdf
46	2021-22	Severity of wheeze detection using Hybrid Algorithm	Prachi Sathe, Shivani Dalvi, Madhura Pohnerkar,Dr Prasanna G Shete	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	2021-22	2581-9429	Yes	No	No	-			https://ijarsct.co.in/Paper1440.pdf