Conference Publications A.Y 2024-25

Sr. No.	Title of Conference Proceeding	Name of the author/s	Department of the teacher	Academic Year of publication	Publication Name/ISBN number
1	Analytical study of Cr doped new ferroelectric Ba5Ti2O7Cl4 single crystal	Dr. Vivek Korde	Engineering Science	2024-25	Conference Proceeding Mass-2024 ISBN: 978-81-972555- 7-1
2	Role of Materials in Enhancing the Performance of Biosensors	Dr. Prajakta Deshmukh, Dr. Vivek Korde, Mahendra Pansare	Engineering Science	2024-25	ICITET -2025 Conference Proceeding. ISBN: 978-93-343-2006-0
3	Evaluation of moisture content in DendrocalamusStrictus bamboo specimens using standardized oven drying technique-	Prof. Prajwal Gaikwad, Dr. Santosh Patil, Dr. Atul Pujari, Prof. SehamKhaleel, Prof. BabasahebThore	Engineering Science	2024-25	ICITET -2025 Conference Proceeding. ISBN: 978-93-343-2006-0
4	Recent Advances in Mathematical Modelling of Fluid and Ecological Systems: A Review of MHD Flows, Predator- Prey Dynamics, and Nonlocal Interactions -	Asha Jadhav	Engineering Science	2024-25	ICITET -2025 Conference Proceeding. ISBN: 978-93-343-2006-0
5	Real-Time Face Recognition Attendance System Using Python, OpenCV, and face recognition	Aryaan Shaikh, Affanshaikh, Swarajakhade	Engineering Science	2024-25	ICITET -2025 Conference Proceeding. ISBN: 978-93-343-2006-0

Sr. No.	Title of Conference Proceeding	Name of the author/s	Department of the teacher	Academic Year of publication	Publication Name/ISBN number
6	A Comparative Study of Quasi-Newton and Gradient DescentMethods for Regression Model Optimization	SangitaThakre, PravinThakre, N.S. Mujumdar	Engineering Science	2024-25	ICITET -2025 Conference Proceeding. ISBN: 978-93-343-2006-0
7	Rohan Gardi, SandipSahane	Fire Fighting Robots: A Review of Trends and Technologies	Engineering Science	2024-25	ICITET -2025 Conference Proceeding. ISBN: 978-93-343-2006-0
8	Footstep Power Generation System: A Comprehensive Review of Techniques, Applications, and Future Prospects	SurabhiVelhal, RiteshShastri, Abhishek Taware	Engineering Science	2024-25	ICITET -2025 Conference Proceeding. ISBN: 978-93-343-2006-0
9	Decentralized Anti-Collision System for Drones via Swarm Intelligence	Vikas D. Raskar, Sushilkumar S. Salve, Punam Gaikwad	Engineering Science	2024-25	ICITET -2025 Conference Proceeding. ISBN: 978-93-343-2006-0
10	Artificial Intelligence And Environmental Sustainability Analysis In India: A Comprehensive Review With Case Studies An Environmental Ai Impact Index (Eaii)	Prof.SehamKhaleel, Prof.Vidyadhar S Dixit,Prof.Vishal R Bhoi,Prof.Nilesh T Salunke	Engineering Science	2024-25	ICITET -2025 Conference Proceeding. ISBN: 978-93-343-2006-0
11	Single Axis Solar Tracking Technique	Nihal Singh, ShriyashShriname, Hema S. Koli	Engineering Science	2024-25	ICITET -2025 Conference Proceeding. ISBN: 978-93-343-2006-0

Conference Publications A.Y 2023-24

Sr. No.	Title of Conference Proceeding	Name of the author/s	Department of the teacher	Academic Year of publication	Publication Name/ISBN number

1	Piezoelectric materials for energy generation-A study	Dr. Vivek Korde	Engineering Science	2023-24	Conference Proceeding ICITE-2024 ISBN: 978-93-91535-73-5
2	A systematic review of Piezoelectric materials for energy generation	Dr. Vivek Korde	Engineering Science	2023-24	Conference Proceeding ICMA-2024 ISBN: 9788119671403

Journal Publications A.Y 2022-23

Sr. No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Academic Year of publication	ISSN number
1	Performance Evaluation of Electric Discharge Machining of Titanium alloy-a review	R.D. Rathod	Mechanical Engineering	Journal of Engineering and Applied Science	2022-23	
2	Big Data Analytics In Healthcare Using AI	Dr. Nikita Kulkarni	Computer Engineering	Journal of Harbin Institute of Technology	2022	1005-9113
3	A Novel UniversalCom Algorithm to handle XMPP and CoAP Protocols in the Industrial IOT Middleware	Dr. Nikita Kulkarni	Computer Engineering	International Journal of mechanical engineering	2022	0974-5823
4	Detection of Fishing Sites using ML	Rohini Agawne	Computer Engineering	International Journal of Innovative Research in Computer and Communication Engineering	2022	ISSN:2320-9801

5	Voice Assistant Navigation System for Visually impared	Bogiri N.	Computer Engineering	YMER	2022	ISSN:0044 -0477
6	A Thought Review on Med Boat using Deep Learning	Bogiri N.	Computer Engineering	International Research journal of Engineering and Technology	2022	ISSN:2395 -0056
7	e learning analysis using machine learning algorithm	Vajid Khan	Computer Engineering	NeuroQuantology	2022	2550-6978
8	Health care and Meditation Assestive System using IOT	Vajid Khan	Computer Engineering	NeuroQuantology	2022	2550-6978
9	Road Accident Prediction Model Using Data Mining Techniques	Vajid Khan	Computer Engineering	NeuroQuantology	2022	1303-5150
10	Skin Disease Classification Using Machine Learning Algorithms	Vajid Khan	Computer Engineering	NeuroQuantology	2022	1303-5150
11	Mindset detection of human using machine learning algorithms	Vajid Khan	Computer Engineering	NeuroQuantology	2022	1303-5150
12	A Research on Efficient Spam Detection Technique for IOT Devices using Machine Learning	Vajid Khan	Computer Engineering	NeuroQuantology	2022	1303-5150
13	Machine Learning Methode for Automatic Potato Disease Detection	Vajid Khan	Computer Engineering	NeuroQuantology	2022	1303-5150
14	Analysis ofStudent Performance Prediction in Online Courses Using Machine Learning	Vajid Khan	Computer Engineering	NeuroQuantology	2022	1303-5150
15	Accessing EResorces Using Iot Based System	Vajid Khan	Computer Engineering	NeuroQuantology	2022	1303-5150
16	BLOCKCHAIN TECHNOLOGY FOR SECURE AND TRUSTWORTHY DECENTRALIZED APPLICATIONS	Prof. Jyoti Sandur & Prof. Poonam Gham	E & TC Engineering	Papers on Social Representations	2023	1021-5573
17	Investigation of Highly Sensitive Surface Plasmon Resonance Biosensor Employing Black Phosphorous and Graphene Hybrid Structure	Prof.Poonam Gham	E & TC Engineering	Plasmonics	April-2023	1557-1955

18	Noise Temperature in Single Injection Cylindrical Current Flow in Insulator at Low and High Injection Level of Current.	Dr. Neha Shahare	E & TC Engineering	Journal of Survey in Fisheries Sciences	2023	2368-7487
19	An image compression model via adaptive vector quantization: hybrid optimization algorithm	Dr. Pramod Chavan	E & TC Engineering	THE IMAGING SCIENCE JOURNAL	Dec-2022	1936-4954
20	Deep learning for classification and prograssion of alzheimer disease- A review	Pooja Chaudhari, Dr. S. S. Khot Ranjana Kedar	E & TC Engineering	International Jiournal of Advanced Research in Science and Engineering	July-2022	ISSN:2319-8354
21	An automatic detection of microcalcification in mammogram images using neuro-fuzzy classifier	Dr. Neha Shahare	E & TC Engineering	International Journal of Biomedical Engineering and Technology	Aug-2022	1752-6418
22	Analysis of Image Parameters in 3D Camera Using Regression Algorithm	Dr. Neha Shahare	E & TC Engineering	NeuroQuantology	Sept-2022	25506978
23	Extract roi from mammogram images using morphological and k-means clustering	Dr. Neha Shahare	E & TC Engineering	International Journal of Health Sciences	June-2022	2550-6978
24	A Review Paper on Garbage Level Monitoring System for Smart Cities	Dr. Neha Shahare	E & TC Engineering	Mathematical Statistician and Engineering Applications	Dec-2022	ISSN: 2094-0343
25	Visual Cryptography Scheme using Novel Secret Sharing Technique	Dr. Neha Shahare	E & TC Engineering	Mathematical Statistician and Engineering Applications	Dec-2022	ISSN: 2094-0343
26	Security System with Voice Recognition and Autodialing	Dr. Neha Shahare	E & TC Engineering	Mathematical Statistician and Engineering Applications	Dec-2022	ISSN: 2094-0343
27	Channel Estimation for DS-CDMA Rake Receiver using Sparse Recovery Approach	Dr. R. G. Zope	E & TC Engineering	International Journal of Recent	May-2022	ISSN: 2277-3878

				Technology and Engineering (IJRTE)		
28	Magnetic Levitation	Prajakta Deshmukh	First Year	International Journal of Science Technology & Management	2022	2397-1537
29	Face mask detection using python	Sandip Sahane	FE	International journal of innovative trends in engineering and technology	2022-23	2395-2946
30	Magnetic laviation	Dr. Prajakta Deshmukh	FE	International journal of science technology and management	2022-23	2394-1529