

Department of Civil Engineering

S. N.	Faculty Name	Paper Title	Journal / Conference Name	Published Year	Indexed	ISSN/ISBN number	DOI
1	Dr. Shwetha Prasanna	Strength analysis of soil blocks admixed with sugarcane bagasse ash	Sustainability, Sustainability, Agri, Food and Environmental Research	2022	UGC	ISSN: 0719-3726	https://doi.org/10.7770/safer-V10N1-art2534
2	Dr. Shwetha Prasanna	Application of geosynthetic inclusions in cohesion less soil reinforcement	Materials Today: Proceedings	2022	Scopus	ISSN 2214-7853	https://doi.org/10.1016/j.matpr.2021.10.178
3	Dr. Shwetha Prasanna	Application of jute fiber in soil stabilization	Sustainability, Sustainability, Agri, Food and Environmental Research	2023	UGC	ISSN: 0719-3726	http://dx.doi.org/10.7770/safer.v11i1.2790
4	Dr. Shwetha Prasanna	A review paper on partial replacement of fine aggregate by different allied materials	Sustainability, Sustainability, Agri, Food and Environmental Research	2023	UGC	ISSN: 0719-3726	http://dx.doi.org/10.7770/safer-V12N1-art2792
5	Mr. Satyesh Kakodkar	Utilization of ceramic waste as a partial	Materials Today: Proceedings	2023	Scopus	ISSN 2214-7853	https://doi.org/10.1016/j.matpr.2023.06.453

		replacement for cement in concrete manufacturing					
6	Dr. Shwetha Prasanna	Experimental Study on Waste Rubber Chips and Brick Powder for Soil Stabilization	Sustainable Design and Eco Technologies for Infrastructure, Lecture Notes in Civil Engineering	2024	Scopus	ISSN 2366-2557	https://doi.org/10.1007/978-981-99-8465-7_11
7	Dr. Shwetha Prasanna	Flood Analysis and Mapping for Mandovi River Basin	Sustainable Design and Eco Technologies for Infrastructure, Lecture Notes in Civil Engineering	2024	Scopus	ISSN 2366-2557	https://doi.org/10.1007/978-981-99-8465-7_22
8	Mr. Kaushik Pai Fondekar	Experimental Study on Waste Rubber Chips and Brick Powder for Soil Stabilization	Sustainable Design and Eco Technologies for Infrastructure, Lecture Notes in Civil Engineering	2024	Scopus	ISSN 2366-2558	https://doi.org/10.1007/978-981-99-8465-7_11

Department of Computer Engineering

Sr. N.	Faculty Name	Paper Title	Journal / Conference Name	Published Year	Indexed	ISSN/ISBN number	DOI
1	Dr. Amrita Naik	Lung Nodule Classification on Computed Tomography Images Using Deep Learning	Wireless Personal Communication	2021	SCI		https://doi.org/10.1007/s11277-020-07732-1
2	Dr. Amrita Naik	Lung Nodule Classification on Computed Tomography Images Using Fractalnet	Wireless Personal Communication	2021	SCI		https://doi.org/10.1007/s11277-021-08258-w
3	Dr. Amrita Naik	Prediction of malignancy in lung nodules using combination of deep, fractal, and gray-level co-occurrence matrix features	Big Data	2021	SCI		https://doi.org/10.1089/big.2020.01
4	Dr. Amrita Naik	Lung Nodule Classification Using Combination of CNN, Second and Higher Order	Journal of Intelligent & Fuzzy Systems	2021	SCI		https://doi.org/10.3233/JIFS-189847

		Texture Features					
5	Amey Shet Tilve	Building semantically annotate corpus for Text classification of defence articles	International journal of Information Technology	2021	Springer		10.1007/s41870-021-00679-x
6	Dr. Norman Dias	A systematic approach towards enhancing of security and usability of graphical password through cognitive computing and data mining	Indian Journal of Computer Science and Engineering,	2021	Scopus	e- ISSN:0976-5166 p- ISSN:2231-3850	https://doi.org/10.21817/indjcse/2021/v12i6/211206147
7	Dr. Amrita Naik	Prediction of Malignant Lung Nodules in CT Scan Images Using CNN and Feature Selection Algorithms	International Conference on Applied Artificial Intelligence and Computing	2022			10.1109/ICAAIC53929.2022.9792680
8	Dr. Amrita Naik	A Deep Feature	International Conference on	2022		978-3-030-82469-3	https://doi.org/10.1007/978-3-030-82469-3_19

		Concatenation Approach for Lung Nodule Classification	Machine Learning and Big Data Analytics (ICMLBDA) 2021				
9	Amey Shet Tilve	Corpus Creation & annotation framework for sentiment analysis of Hindi News articles	Evolutionary Computing & Mobile Sustainable Network	2022	Springer		10.1007/978-981-16-9605-3_53
10	Amey Shet Tilve	IOT Based Platform for Smart Automobile Systems	Information and Communication Technology for Competitive Strategies	2023	Springer		https://link.springer.com/chapter/10.1007/978-981-19-9638-2_32
11	Janhavi Naik	Hyperlocal Marketplace - Transforming unorganized localized marketplace with Future Tech	Advances in Computing, Communication Control and Networking.	2023	IEEE	979-8-3503-3086-1 online , ISBN : 979-8-3503-3087-8	https://ieeexplore.ieee.org/document/10541378
12	Dr. Norman Dias	Deep Learning based graphical password authentication	Multi agent Grid systems”	2023	SCIE	ISSN 1574-1702(P) ISSN 1875 9076 (E)	https://doi.org/10.3233/MGS-23002

		approach against shoulder surfing					
13	Dr. Amrita Naik	Weighted ensemble CNN for lung nodule classification: an evolutionary approach	Multimedia Tools and Application	2024	SCI		https://doi.org/10.1007/s11042-023-17996-x
14	Maria Christina Barretto	A Novel Approach for Non-Invasive, Brain-Computer Interaction Using Electroencephalogram Signals."	SSRG International Journal of Electronics and Communication Engineering	2024	Scopus	2348-8549	
15	Dr. Gaurang S Patkar	A Novel Approach for Non-Invasive, Brain-Computer Interaction Using Electroencephalogram Signal	SSRG International Journal of Electronics and Communication Engineering	2024	Scopus	2348-8549	https://www.internationaljournalssrg.org/IJECE/paper-details?Id=661

16	Dr. Norman Dias	Natural language processing and stable diffusion model based graphical authentication using passphrase	Intelligent Decision Technologies	2024	SCIE	ISSN 1872-4981 (P) ISSN 1875-8843 (E)	https://doi.org/10.3233/IDT-230279
17	Dr. Norman Dias	A Novel Approach for Non-Invasive, Brain-Computer Interaction Using Electroencephalogram Signal	SSRG International Journal of Electronics and Communication Engineering	2024	Scopus	2348-8549	https://www.internationaljournalssrg.org/IJECE/paper-details?Id=661
18	Amey Shet Tilve	Smart Talent Sourcing Through Advanced Skill Profiling	Journal of Computer Science	2025	Scopus	1549-3636 (Print), 1552-6607 (Online)	https://doi.org/10.3844/jcssp.2025.336.346
19	Janhavi Naik	Smart Talent Sourcing Through Advanced Skill Profiling	Journal of Computer Science	2025	Scopus	1549-3636 (Print), 1552-6607 (Online)	https://doi.org/10.3844/jcssp.2025.336.346
20	Merwyn D'Souza	Smart Talent Sourcing Through	Journal of Computer Science	2025	Scopus	1549-3636 (Print), 1552-6607 (Online)	https://doi.org/10.3844/jcssp.2025.336.346

		Advanced Skill Profiling					
21	Dr. Gaurang S Patkar	Smart Talent Sourcing Through Advanced Skill Profiling	Journal of Computer Science	2025	Scopus	1549-3636 (Print), 1552-6607 (Online)	https://doi.org/10.3844/jcssp.2025.336.347

Department of Mechanical Engineering

Sr. N.	Faculty Name	Paper Title	Journal / Conference Name	Published Year	Indexed	ISSN/ISBN number	DOI
1	Ajit Salunke	A review of unboiled arecanut drying process and its correlation with mechanical properties	Materials Today: Proceedings (3rd International Conference on Contemporary Advances in Mechanical Engineering)	2022	Scopus	2214-7853	https://doi.org/10.1016/j.matpr.2021.10.186
2	Dr. Chetan D Gaonkar	Double-tuning and experimental validation of rotated-offset inlet-outlet circular chamber muffler	Applied Acoustics	2022	SCI	0003-682X	https://doi.org/10.1016/j.apacoust.2022.108948

3	Dr. Avil Allwyn Dsa	Tribological Aspects Affecting Surface Durability of Tooth-Sum Altered Spur Gears: A Load Sharing Approach	Advances in Technology Innovation	2023	Scopus		https://doi.org/10.46604/aiti.2023.9562
4	Ajit Salunke	Development of a true density-based automated quality grading device for unboiled arecanut kernels	African Journal of Food, Agriculture, Nutrition and Development	2024	Scopus	1684-5374	doi.org/10.18697/ajfand.133.24400
5	Dr. Chetan D Gaonkar	Effect of Mean Flow on the Transmission Loss of a Doubly Tuned Flow Reversal Muffler	Advances in Technology Innovation	2024	Scopus	2415-0436	https://doi.org/10.46604/aiti.2024.13620
6	Dr. Chetan D Gaonkar	Advances in Muffler Acoustics: From Conventional Material to Acoustic Metamaterial	High-performance Sustainable Materials and Structures	2024	Scopus	978-3-031-72527-2	https://doi.org/10.1007/978-3-031-72527-2_29

7	Ajit Salunke	Determination of the volume of unboiled arecanut kernels using image processing	Acta Technological Agriculture	2025	Scopus	eISSN:1338-5267	https://doi.org/10.2478/ata-2025-0001
8	Ajit Salunke	Estimation of physical properties of unboiled type arecanuts using load cell and ellipsoid approximation	IEEE Xplore, Proceedings of the 3rd International Conference on Mechatronics, Control and Robotics (ICMCR 2025), National University of Singapore	2025	Scopus	979-8-3315-4454-6	10.1109/ICMCR64890.2025
9	Gaurish Mahabaleswar Sawant, Sudip Faldesai & Suraj R Marathe	An Investigation Into The Surface Roughness (Ra) Of 3d Printed Components Fabricated Through Both Dlp And Fdm Techniques.	Industrial Engineering Journal,	2025	UGC		

Department of Electronics and Computer Science

S. N	Faculty Name	Paper Title	Journal / Conference Name	Published Year	Indexed	ISSN/ISBN number	DOI
1	Yeshudas Muttu, Flavia Leitao	Design & Implementation of Library management Robotic System	IEEE Bombay Section Signature Conference	2021	Scopus	978-1-6654-1758-7	10.1109/IBSSC53889.2021.9673427
2	Shreyas Simu	Semantic Segmentation of PolSAR Images for Various Land Cover Features	2021 IEEE International Geoscience and Remote Sensing Symposium IGARSS	2021	Scopus	2153-7003	https://doi.org/10.1109/IGARSS47720.2021.9554297
3	Mohini Naik	Compact Four Port MIMO Antenna for Millimeter Wave Applications	Bulletin of Electrical Engineering and Informatics	2022	Scopus	ISSN: 2089-3191, e-ISSN: 2302-9285	https://doi.org/10.11591/eei.v11i2.3689
4	Shreyas Simu	Development of a generalized model to classify various land covers for ALOS-2 L-	Advances in Space Research	2022	SCI	0273-1177	https://doi.org/10.1016/j.asr.2022.07.078

		Band images using semantic segmentation.					
5	Shreyas Simu	Water Pollution Monitoring and Decision Support System	IEEE 2022 INTERNATIONAL CONFERENCE OF EMERGING TECHNOLOGIES	2022	Scopus	978-1-6654-9499-1	https://doi.org/10.1109/INCET54531.2022.9824110
6	Mohini Naik	Phased Array of Microstrip Patch Antenna for Millimeter Wave Applications	IEEE International Conference on Smart Technologies and Systems for Next Generation Computing	2023	Scopus	979-8-3503-4800-2	https://doi.org/10.1109/ICSTSN57873.2023.10151663
7	Mohini Naik	Design of Microstrip Smart Antenna with DENLMS Beam Steering Algorithm for Millimetre-Wave Frequency Application	Wireless Personal Communications	2023	SCI	Electronic ISSN1572-834X	https://doi.org/10.1007/s11277-023-10409-0

8	Shreyas Simu	Disability-friendly Website Design with Recommendation System	IEEE North Karnataka Subsection Flagship International Conference	2023	Scopus		10.1109/NKCon59507.2023.10396590
9	Yeshudas Muttu	Implementation and Performance Analysis of 8-bit Digital Parallel Array Multipliers	International Conference on Intelligent Computing and Sustainable Innovations in Technology (IC-SIT)	2024	Scopus	979-8-3503-6917-5	10.1109/IC-SIT63503.2024.10862414
10	Yeshudas Muttu, Mohini Naik	Design and Implementation of Caretaker Robotic System for Hospitals	IJTE Journal	2024	UGC-Care	0971-3034	NA
11	Mohini Naik	Direction of Arrival (DOA) Estimation using Switched Beam Antenna with Butler Matrix at mm-Wave Frequenc	Nano Communication Networks	2024	SCI	1878-7789 (Print) and 1878-7797 (Online)	https://doi.org/10.1016/j.nancom.2024.100514

12	Yeshudas Muttu, Mohini Naik	Design and Implementation of Caretaker Robotic System for Hospitals	IJTE Journal	2024	UGC-Care	0971-3034	NA
13	Shreyas Simu	Accurate prediction of electric vehicles mileage for proactive battery management in varied conditions using multi-criteria approach.	Computers and Electrical Engineering	2024	SCI	0045-7906	https://doi.org/10.1016/j.compeleceng.2024.109504

Department of Science and Humanities							
Sr. No.	Faculty Name	Paper Title	Journal / Conference Name	Published Year	Indexed	ISSN/ISBN number	DOI
1	Dr. Kala R. Nayak	Statistical inference on stress-strength reliability of multicomponent system under Weibull-Pareto type distributions	Stochastic Modeling and Applications	2021		0972-3641	

2	Milindraaj Paigankar	Assessment of Potability of Spring water from Veling, Mardol, Goa, India	Journal of Indian Water Works Association	2023	UGC	ISSN-0970-275X	
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