



PIMPRI CHINCHWAD EDUCATION TRUST'S
PIMPRI CHINCHWAD COLLEGE OF ENGINEERING & RESEARCH

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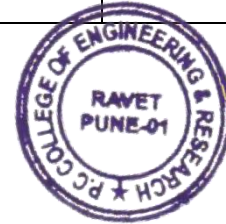
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Research Paper Publication by Faculty (UGC Care/ Scopus/SCI/WoS) (Academic Year : 2023-24)

Sr. No.	Title of paper	Name of the author/s	Department	Name of journal	Year of publication	Type of Journal	Link
1	Development and Characterization of Advanced Fiberglass Composites	Prof. Nandkumar S. Vele	Mechanical	Journal of Emerging Technologies and Innovative Research	2023-24	UGC Care	
2	Impact of Variations In Geotechnical Properties of Backfill Material on The Serviceability of Cantilever Earth Retaining Structure: A Case Study	Dr. Sudarshan Sampatrao Bobade	Civil	European Chemical Bulletin	2023-24	Scopus	
3	Laterite soil stabilization using cellulose biopolymer	Dr Arun W Dhawale	Civil	Materials Today: Proceedings	2023-24	Scopus	
4	Certain Analytical Aspects of Power Systems in the Presence of Facts Controllers - SVC and TCSC	Amita Anandrao Mane	FE	International Journal of Engineering Trends and Technology	2023-24	Scopus	
5	Laterite soil stabilization using cellulose biopolymer	Dr Arun W Dhawale	Civil	Materials Today: Proceedings	2023-24	Scopus	
6	Morphometric Analysis of Sina River Basin At Midsangavi Using RS & GIS	Dr. Sahil Sanjeev Salvi	Civil	European Chemical Bulletin	2023-24	Scopus	

7	Experimental Investigation on Water Treated Sludge	Dr. Sahil Sanjeev Salvi	Civil	European Chemical Bulletin	2023-24	Scopus	
8	A Fibre Base Waste Fishnet Sheet Replacement with Asbestos	Dr. Sahil Sanjeev Salvi	Civil	European Chemical Bulletin	2023-24	Scopus	
9	An optimized framework for VANET routing: A multi-objective hybrid model for data synchronization with digital twin	Madhuri Husan Badole	Computer	International Journal of Intelligent Networks	2023-24	Scopus	
10	Enhancing Endodontic Precision: A Novel AI-Powered Hybrid Ensemble Approach for Refining Treatment Strategies	Vaishali Prasad Latke	Computer	Enhancing Endodontic Precision: A Novel AI-Powered Hybrid Ensemble Approach for Refining Treatment Strategies	2023-24	Scopus	
11	Comprehensive Study of Automatic Speech Emotion Recognition Systems	Rupali Kawade	E&TC	International Journal on Recent and Innovation Trends in Computing and Communication	2023-24	Scopus	
12	Performance evaluation and comparative analysis of CrowWhale-energy and trust aware multicast routing algorithm	Dr. Dipali Shende	E&TC	Web Intelligence	2023-24	Scopus	
13	Speech emotion recognition using the novel PEmoNet (Parallel Emotion Network)	Kishor Barasu Bhangale	E&TC	Applied Acoustics Elsevier	2023-24	SCI	
14	Traffic Congestion Charging and Implementation Issues	Dr Arun W Dhawale	Civil	European Chemical Bulletin	2023-24	Scopus	
15	Terrazyme Soil Stabilization Results and Factors Influencing	Dr Arun W Dhawale	Civil	European Chemical Bulletin	2023-24	Scopus	
16	Impact of Variations In Geotechnical Properties of Backfill Material on The Serviceability of Cantilever Earth Retaining Structure: A Case Study	Dr Arun W Dhawale	Civil	European Chemical Bulletin	2023-24	Scopus	

17	Automatic Liver Cancer Detection Using Deep Convolution Neural Network	Kiran Napte	E&TC	IEEE Access	2023-24	SCI	
18	Polymer coated drug eluted stent for cardiovascular diseases	Jayashri Chopade	Mechanical	Journal of Biomedical Engineering	2023-24	Scopus	
19	GridBoost: A classifier with Increased Accuracy to Detect Anomaly in Social Media Networks	Sonali Sagarmal Lunawat	Computer	Journal of Engineering Science and Technology Review (JESTR)	2023-24	Scopus	



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