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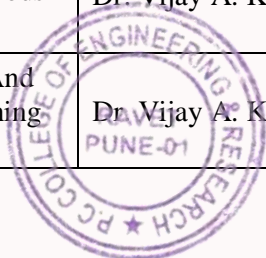
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## Research Paper Publication by Faculty (SCI/WoS/Scopus/UGC Care)

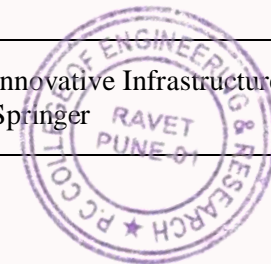
### (Academic Year: 2022-23)

#### Link for supporting documents

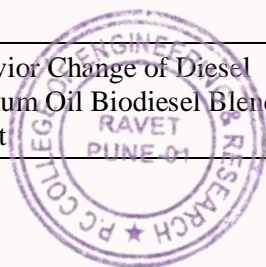
Sr. No.	Title of the Paper Published	Name of the Author	Name of the Department	Name of the Journal	Type of the Journal	Link
1	Enhancement of properties of laterite soil used as subgrade using xanthan gum biopolymer	Dr. Arun Wamanrao Dhawale	Civil	Multiscale and Multidisciplinary Modeling, Experiments and Design	Scopus	<a href="#">Click Here</a>
2	Diesel engine performance with nickel-oxide-doped Calophyllum oil biodiesel under varying injection timings	Dr. Rahul Krishnaji Bawane	Mechanical	Taylor & Francis International Journal of Ambient Energy	Scopus	<a href="#">Click Here</a>
3	Development and Characterization of Advanced Fiberglass Composites	Prof. N. S. Vele	Mechanical	Journal of Emerging Technologies and Innovative Research	UGC Care	<a href="#">Click Here</a>
4	Fully automatic segmentation of LV from echocardiography images and calculation of ejection fraction using deep learning	Dr. Pallavi Adke	E&TC	Int. J. Biomedical Engineering and Technology	Scopus	<a href="#">Click Here</a>
5	Fast anomaly detection in video surveillance system using robust spatiotemporal and deep learning methods	Dr. Vijay A. Kotkar	Computer	Multimedia Tools and Applications	SCI	<a href="#">Click Here</a>
6	Assessment And Attainment Of Course Outcome And Program Outcome For A Course In Teaching Learning Process For Effective Outcome Based Education	Dr. Vijay A. Kotkar	Computer	Dogo Rangsang Research Journal	UGC Care	<a href="#">Click Here</a>



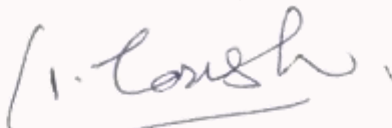
7	Pulse charging based intelligent battery management system for electric vehicle	Dr. Rahul Mapari	E&TC	Bulletin of Electrical Engineering and Informatics	Scopus	<a href="#">Click Here</a>
8	A novel pulse charger with intelligent battery management system for fast charging of electric vehicle	Dr. Rahul Mapari	E&TC	Bulletin of Electrical Engineering and Informatics	Scopus	<a href="#">Click Here</a>
9	Experimental Investigation for serviceability of ferrocete slab	Akshay Bharat Rahane	Civil	GIS SCIENCE JOURNAL	UGC Care	<a href="#">Click Here</a>
10	Liver Segmentation using marker controlled watershed transform	Kiran Napte	E&TC	International Journal of Electrical and Computer Engineering (IJECE)	Scopus	<a href="#">Click Here</a>
11	Deep Learning based Liver Segmentation: A Review	Kiran Napte	E&TC	Revue d'intelligence Artificielle	Scopus	<a href="#">Click Here</a>
12	Speech Emotion Recognition Based on Multiple Acoustic Features and Deep Convolutional Neural Network	Kishor Barasu Bhangale	E&TC	Electronics MDPI	SCI	<a href="#">Click Here</a>
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14	A Comparative Analysis of FinFET Based SRAM Design	Vijayalaxmi Kumbhar	E&TC	International Journal of Electrical and Electronics Research (IJEER)	Scopus	<a href="#">Click Here</a>
15	Enhancement of thermal energy storage using phase changing material	Dr. Rupali Patil	Mechanical	AIP Proceedings Scopus	Scopus	<a href="#">Click Here</a>
16	Performance Evaluation of Soil and Water Conservation Constructed Structures in Drought Prompt Areas of Satara, India	Dr. Sudarshan Sampatrao Bobade	Civil	Journal of Performance of Constructed Facilities	SCI	<a href="#">Click Here</a>
17	Optimization of conjunctive use of surface and groundwater by using LINGO and PSO in water resources management	Ranjeet Sabale	Civil	Innovative Infrastructure Solutions, Springer	Scopus	<a href="#">Click Here</a>



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24	Enhancement of properties of laterite soil used as subgrade using xanthan gum biopolymer	Dr Arun Wamanrao Dhawale	Civil	Multiscale and Multidisciplinary Modeling, Experiments and Design	SCI	<a href="#">Click Here</a>
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