

**Journal Publications (A.Y. 2023-2024)**

Sr. No.	Name of Faculty	Title of paper	Name of the Journal	Journal Name, page Nos., vol No. Issue No., Year of publication	ISSN/ISB N No	Impact Factor if any	No. of Co-Authors	Whether Principal Author / Supervisor/Co-supervisor	REMARK UGC approved	DOI
1	Dr. Shubhangi Kharche	PCB Defect Detection Methods: A Review of Existing Methods and Potential Enhancements	Journal of ENgineering Science and Technology Review	2024	1791-2377	0.9	3		UGC	<a href="https://doi.org/10.25103/jestr.171.19">doi:10.25103/jestr.171.19</a>
2	Dr. Shubhangi Kharche	6G Intelligent Healthcare Framework: A Review on Role of Technologies, Challenges and Future Directions	UGC approved, Journal of Mobile Multimedia (scopus Indexed) 2023: Vol 19 Iss 3	2023						
3	Prof. Pranavi Nikam	Voice activated mobility wheel chair powered by solar energy	International Journal of Innovative science and research technology October 2023.	2023	Volume 8 - 2023, Issue 10 - October	7.16				
4	Dr. Shubhangi Kharche	Visualizaton and prediction of real time sensor data	UGC approved Journal JETIR on 6/7/2023	2023	Volume 8 - 2023, Issue 10 - October					
5	Dr. Shubhangi Kharche	Violence detection using human action recognition	UGC approved Journal JETIR on 6/7/2023	2023	Volume 8 - 2023, Issue 10 - October					
6	Pratibha Joshi	Performance and Safety Enhancement in High-Speed Vehicles	UGC approved Journal JETIR on 6/7/2023	2023	Volume 8 - 2023, Issue 10 - October		23-Jul	2023-24	Non-UGC	<a href="https://www.jetir.org/view?paper=JETIR2307229">https://www.jetir.org/view?paper=JETIR2307229</a>
7	Suvarna Chaure	Digital Forensic Framework for Protecting Data Privacy during Investigation		Sep-23	ISSN- 2032-9407	1.3	1	Principal Author		<a href="https://doi.org/10.4108/eetsis.4002">https://doi.org/10.4108/eetsis.4002</a>
8	Namrata P	A. Bioinspired FHE model with recursive revokable selective access control for attribute-based privacy preservation		12-Oct-23		2		Principal Author		<a href="https://doi.org/10.1007/s41870-023-01548-5">https://doi.org/10.1007/s41870-023-01548-5</a>
9	Masooda Modak	Adaptive learning and Correlative assessment of differential usage patterns for students with-or-without learning disabilities via learning analytics.Information Processing,		Nov-23				Principal Author		<a href="https://doi.org/10.1145/3632365">https://doi.org/10.1145/3632365</a>
10	Namrata P	Secure Query Processing of Outsourced Data using Privacy Homomorphism		Oct-23	2319-8508	7.8	3	Co-author		<a href="https://galaxyjournalpersonal.jpeg">galaxyjournalpersonal.jpeg</a>
11	Masooda Modak	Secure Query Processing of Outsourced Data using Privacy Homomorphism		Oct-23	2319-8508	7.8	3	Principal Author		
12	Kalyani P	Secure Query Processing of Outsourced Data using Privacy Homomorphism		Oct-23	2319-8508	7.8	3	Co-author		

13	Nikita Chaudhari, Kaustubh Sonavane,ArathiB	Hand Gesture Control System using Open CV		Oct-23	ISSN No:- 2456-2165				UGC CARE	<a href="https://doc-14-7s-prod-02-apps-viewer.googleusercontent.com/viewer2/prod-02/pdf/ko6misn21qbl7jvfs90ik5pilit8dgg8/kaer35cq3c0ba4p6k1fc1h0vaa1m3k7/1702363200000/3/115866744911424072163/APznzaYzscbbl8xKSNBBOVDwem9suGzrNjDafHb1JC1Rg-cMRSh-QNEu5YpoG-vlJbg7FhrPBH-PAVX1C6Yng8eQw7gim_DA_EWOZ6rUemQFIT9J2LHC-uyWCfi_93p_4_nHKhrA5NYZb0QvCj9_RfhK7kMaj3h8ay0sB0d3nw0xbMawBVdiOTtqGe7uyAL3YCGmZDL2f5PPzM3ChXU8kHH5zTHUfgmv7UszRVgfZUIJPJ94ZrZ8Oez5HGBSRX0n9JQYxFAxE-FQI7gddL2B4GDACuyU_98blFhnrOzGerlzy8WR6lYqaU5xF-i706q4TZ6VWJw1h6tcHkIWRBUOslgdRkaDbPwjt4SsuJaHqa27s21XKqNIEE965Aj5913_Ur72-6vIMm30h85-t87eu3Am3Biimj7pAtm8Q_nT5rQ6H5zpA=?authuser=0&amp;nonce=qosfl3q5arpmm&amp;user=115866744911424072163&amp;hash=77teovdedlud6i21v-ggpcip5o6vOftaj">https://doc-14-7s-prod-02-apps-viewer.googleusercontent.com/viewer2/prod-02/pdf/ko6misn21qbl7jvfs90ik5pilit8dgg8/kaer35cq3c0ba4p6k1fc1h0vaa1m3k7/1702363200000/3/115866744911424072163/APznzaYzscbbl8xKSNBBOVDwem9suGzrNjDafHb1JC1Rg-cMRSh-QNEu5YpoG-vlJbg7FhrPBH-PAVX1C6Yng8eQw7gim_DA_EWOZ6rUemQFIT9J2LHC-uyWCfi_93p_4_nHKhrA5NYZb0QvCj9_RfhK7kMaj3h8ay0sB0d3nw0xbMawBVdiOTtqGe7uyAL3YCGmZDL2f5PPzM3ChXU8kHH5zTHUfgmv7UszRVgfZUIJPJ94ZrZ8Oez5HGBSRX0n9JQYxFAxE-FQI7gddL2B4GDACuyU_98blFhnrOzGerlzy8WR6lYqaU5xF-i706q4TZ6VWJw1h6tcHkIWRBUOslgdRkaDbPwjt4SsuJaHqa27s21XKqNIEE965Aj5913_Ur72-6vIMm30h85-t87eu3Am3Biimj7pAtm8Q_nT5rQ6H5zpA=?authuser=0&amp;nonce=qosfl3q5arpmm&amp;user=115866744911424072163&amp;hash=77teovdedlud6i21v-ggpcip5o6vOftaj</a>
14	Nikita Chaudhari, Kaustubh Sonavane,ArathiB	Leafine: Plant Disease Detection Application		Oct-23	www.jetir. org(ISSN- 2349- 5162)					<a href="https://doc-10-64-prod-01-apps-viewer.googleusercontent.com/viewer2/prod-01/pdf/0k0alns66083agulfu3apprfn0fbjq8/ncumpi4impoi1ujph1nnaure3pfu7jfi/1702363125000/3/115866744911424072163/APznzaZzmJT Bgj_myFLH0jnPxzVxm_msZR2UdWjgg76jMggR8L8pY0-ItY00iwBivYYHt27KjOoeMtJloZfRyWibJqKc1bMz8w91I6V_Fn3EwCvN_sNjyH8UITunCdcFxiH5n1eSiiErc2EuLV3k7-WiHiFcvOrlo8J8Zx19LVfr66xr0s1L1Tpcw4DcDy7Qr-fzTPKllpZxfJklvsKlsagPN7X63Qbe67x-L8e1oHc2UqLLI-yBqGzXmoh21d4uBjtFpkCglWzT-610Yvri7KknIQk-pICNudQeH90f-jdveXKMjIb_jG8sa0YzV5Z7OR_O72Vl08LKAb3g_yzDIYgOTgMQ7NnSW5IM7Fm9t1dA3dUgCvd_eJYF1fbPmUAXnvwpu2zzHOWWyuWhxAm3r4Ue15TRILbg_zsOWux4ulFYDhdPcEd83iw=?authuser=0&amp;nonce=fi21cvgege092&amp;user=115866744911424072163&amp;hash=a5pkfhks88vjcnm7vlrrvb63v66imbro">https://doc-10-64-prod-01-apps-viewer.googleusercontent.com/viewer2/prod-01/pdf/0k0alns66083agulfu3apprfn0fbjq8/ncumpi4impoi1ujph1nnaure3pfu7jfi/1702363125000/3/115866744911424072163/APznzaZzmJT Bgj_myFLH0jnPxzVxm_msZR2UdWjgg76jMggR8L8pY0-ItY00iwBivYYHt27KjOoeMtJloZfRyWibJqKc1bMz8w91I6V_Fn3EwCvN_sNjyH8UITunCdcFxiH5n1eSiiErc2EuLV3k7-WiHiFcvOrlo8J8Zx19LVfr66xr0s1L1Tpcw4DcDy7Qr-fzTPKllpZxfJklvsKlsagPN7X63Qbe67x-L8e1oHc2UqLLI-yBqGzXmoh21d4uBjtFpkCglWzT-610Yvri7KknIQk-pICNudQeH90f-jdveXKMjIb_jG8sa0YzV5Z7OR_O72Vl08LKAb3g_yzDIYgOTgMQ7NnSW5IM7Fm9t1dA3dUgCvd_eJYF1fbPmUAXnvwpu2zzHOWWyuWhxAm3r4Ue15TRILbg_zsOWux4ulFYDhdPcEd83iw=?authuser=0&amp;nonce=fi21cvgege092&amp;user=115866744911424072163&amp;hash=a5pkfhks88vjcnm7vlrrvb63v66imbro</a>
15	Ujwala Ravale	Machine Learning based MOOC Course Recommendation		Vol-1, Issue-3, October- December 2023	ISSN: 2583- 7877	3.46	4	Co-author	Other	<a href="https://www.ijssr.com/files/ugd/df29de_aa89060feccd456d9cca7fe90084142c.pdf?index=true">https://www.ijssr.com/files/ugd/df29de_aa89060feccd456d9cca7fe90084142c.pdf?index=true</a>
16	Rizwana S	AI Shopper E-Commerce App with AI Voice Assistant		Volume 11, Issue 8 August 2023	ISSN: 2320- 2882	7.97	4	Co author	other	<a href="https://ijcrt.org/papers/IJCRT2308768.pdf">https://ijcrt.org/papers/IJCRT2308768.pdf</a>

17	Anindita K	Design of an Optimized Self-Acclimation Graded Boolean PSO with Back Propagation Model and Cuckoo Search Heuristics for Automatic Prediction of Chronic Kidney Disease				1	2	Principal Author		<a href="https://doi.org/10.13052/jmm1550-4646.1962">https://doi.org/10.13052/jmm1550-4646.1962</a>	
18	Urvashi Patkar	A Literature Survey on Drone and related Technologies		volume 12, issue 12	ISSN-2349-5162						
19	Ms. Seema Redekar	Gene co-expression network construction and analysis for identification of genetic biomarkers associated with glioblastoma multiforme using topological findings		Jul-23	ISSN: 2589-0409	1.8	1	Supervisor	Scopus	<a href="https://link.springer.com/article/10.1186/s43046-023-00181-4">https://link.springer.com/article/10.1186/s43046-023-00181-4</a>	
20	Dr. K. Lakshmisudha	Blockchain based document verification system		Jan-24	2630-5046(online)	Cite score 1.1	1	Co-supervisor	Scopus	<a href="https://doi.org/10.32629/jai.v7i3.1010">https://doi.org/10.32629/jai.v7i3.1010</a>	
21	Dr. K. Lakshmisudha	Road Accident Prevention using AIRAVAT: Artificial Intelligence based Real-time Advanced Vehicle Administration Technolog		Mar-24	2147-6799	0.742	1		Scopus	<a href="https://iijisae.org/index.php/IJISAE/article/view/5138">https://iijisae.org/index.php/IJISAE/article/view/5138</a>	
22	Dr. R.S. Nehete	Experimental and Numerical Investigation of Effect of Melter Temperature and Casting Speed on Pull-In (Concavity) of AA1050 Ingot During Direct Chill Casting	Journal of The Institution of Engineers (India): Series C	2024, pp 1-11, Springer India, date 2024/1/5, (Scopus/ Elsevier Indexing).					Scopus	<a href="https://link.springer.com/article/10.1007/s40032-023-00983-4">Experimental and Numerical Investigation of Effect of Melter Temperature and Casting Speed on Pull-In (Concavity) of AA1050 Ingot During Direct Chill Casting</a>	
23		Enhancing Hospital HVAC Efficiency: A Comprehensive study on optimizing system with VRF technology implementation	Industrial Engineering Journal	• Vol. XVII & Issue No. 01 pp 1-9, January - 2024 (UGC approved) (ISSN 0970-2555).					UGC care list 1	off print	
24		solar powered Tricycle wheelchair for the disabled	JETIR	vol 11, issue 3 ISSN-2349-5162							<a href="https://www.jetir.org/view?paper=JETIR2403635">https://www.jetir.org/view?paper=JETIR2403635</a>
25		Numerical investigation of pull in control of rectangular AA1050 rolling ingot through design of convex mould during direct chill casting process	Engineering Research Express	2024, date 2024/1/3, (Scopus/ Elsevier Indexing).						Sopus Q2	<a href="https://link.springer.com/article/10.1007/s40032-023-00983-4">Numerical investigation of pull in control of rectangular AA1050 rolling ingot through design of convex mould during direct chill casting process</a>
26	Dr. L.M. Gaikwad	Application Engineering of Automotive Flexible bellow for Exhaust System using Six Sigma tools: A case study approach	Institution of engineers series C- Spriger	the Journal of Institution of engineers series: C, Springer, Doi: 10.1007/s40032-023-00983-4, 2nd August 2023					Scopus	<a href="https://link.springer.com/article/10.1007/s40032-023-00983-4">https://link.springer.com/article/10.1007/s40032-023-00983-4</a>	
27	Dr.Pooja Singh	Reliability Analysis of Safety-Critical Systems using Optimized Petri Nets	2023-24	Online ISSN: 0149-1970		2.7	3	Co Author	SCI index	<a href="https://doi.org/10.1016/j.pnucene.2023.104841">https://doi.org/10.1016/j.pnucene.2023.104841</a>	
28	Dr.Pooja Singh	Security measurement of instrumentation systems: A case study of NPP	2023-24	Online ISSN: 0149-1970		2.7	1	Author	SCI index	<a href="https://doi.org/10.1016/j.pnucene.2023.104906">https://doi.org/10.1016/j.pnucene.2023.104906</a>	