

Publications in Journals by faculty during academic year (2022-2023)

S.N.	Name of Authors	Paper Title	Publication Details with ISSN / ISBN / Vol. / Issue / DOI / Year	Indexing (SCI/Web of Science/ Scopus/ UGC CARE)	Paper Link
1	Dr. K. T. Kahar, Dr. R. S. Dhekekar	MEMS based energy scavenger with inter digitated electrodes	Volume 72, Part 1, 2023, Pages 350-360, DOI- https://doi.org/10.1016/j.matpr.2022.08.106	SCOPUS	https://www.sciencedirect.com/science/article/abs/pii/S2214785322052622
2	Dr. K. T. Kahar, Dr. R. S. Dhekekar	MEMS-based energy scavengers: journey and future	Volume 28, pg:- 1971-1993,(2022),ISSN:- 0946-7076/1432-1858,DOI- https://doi.org/10.1007/s00542-022-05356-y	SCIE	https://link.springer.com/article/10.1007/s00542-022-05356-y
3	Dr. M. N. Tibdewal	Modified restricted Boltzmann machine (mRBM) for denoising of motion artifact-induces MRI scans	Volume 39,pp:-73-83,2023,ISSN/Eissn :2187-5219, DOI- https://doi.org/10.1007/s42600-022-00252-w	1. SCOPUS+E SCI	https://link.springer.com/article/10.1007/s42600-022-00252-w

Publications in conference by faculty (2022-2023)

S.N.	Name of Authors	Paper Title	Conference details	Indexing (SCI/Web of Science/ Scopus/ UGC CARE/)	certificate link/Paper Link
1	Dr. M.N.Tibdewal	Comparison of different denoising networks on motion Artifacts MRI scans.	Print ISBN978-981-99-0084-8, Online ISBN978-981-99-0085-5, DOI- https://doi.org/10.1	Springer Link/Scopus	https://link.springer.com/chapter/10.1007/978-981-99-0085-5_25

			007/978-981-99-0085-5_25		
2	Mr. S P. Badar; Dr. K. B. Khanchandani	Successive Cancellation Polar Decoder Implementation using Processing Elements	SBN Information: Electronic ISBN:978-1-6654-6658-5. Print on Demand(PoD) ISBN:978-1-6654-6659-2, ISSN Information:	IEEE XPLOR E/Scopus	https://ieeexplore. iee.org/docume nt/9864529

Patent/Copyright by faculty (2022-2023)

S.N.	Name of Inventors	Application No. / Publication No.	Title of the Invention	Status Publishe d / Granted	link for proof
1	Dr. S. B. Patil	Application No. 202221003764/Pub lication No:- 30/2023	Endodontic file to avoid fracture in root canal during root canal therapy using machine learning	Publishe d	https://ssgmceaci n- my.sharepoint.co m/:b:/g/personal/h od_extc_ssgmce ac_in/EaCV8nv9 gg5OtG9luMXU Qc8Bhu98Swxle Bly3nvV7- tqUA?e=pnS6D0