

3.3.1 Number of research papers published per teacher in the Journals notified on UGC website during the last five years									
SR.NO.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal /Digital Object Identifier (doi) number		
							Link to website of the Journal	Link to article / paper / abstract of the article	Is it listed in UGC Care list
1	Performance improvement and CO and HC emission reduction of variable compression ratio spark-ignition engine using n-pentanol as a fuel additive	Dr. Chandrakant B. Kothare	Mechanical Engineering	Alexandria Engineering Journal	2023	1110-0168	https://www.sciencedirect.com/journal/alexandria-engineering-journal	https://www.researchgate.net/publication/371977809_Performance_improvement_and_CO_and_HC_emission_reduction_of_variable_compression_ratio_spark-ignition_engine_using_n-pentanol_as_a_fuel_additive	Yes
2	Servomotor Pitching Control Method for H-Type Darrieus Turbine	Dr. Chandrakant B. Kothare	Mechanical Engineering	Electric Power Components and Systems	2023	1532-5008	https://www.tandfonline.com/journals/uemp	https://www.tandfonline.com/doi/abs/10.1080/15325008.2023.2242850	Yes
3	Heat transfer and pressure drop analysis of a microchannel heat sink using nanofluids for energy applications	Dr. Chandrakant B. Kothare	Mechanical Engineering	Kerntechnik 2023; AOP	2023	4576-9318	https://www.scopus.com/authid/detail.uri?authorid=55193579100	https://www.researchgate.net/publication/373868887_Heat_transfer_and_pressure_drop_analysis_of_a_microchannel_heat_sink_using_nanofluids_for_energy_applications	Yes
4	CFD Analysis of 210 MW Boiler's Economiser for Detecting Area and Causes of Tube Failure	Dr. Chandrakant B. Kothare	Mechanical Engineering	International Journal of Power and Energy System (Open Access Paper)	2023	1078-3466	https://www.actapress.com/Content_of_Journal.aspx?journalID=260#Open_Access_Papers	https://www.actapress.com/PDFViewer.aspx?paperId=55540	Yes
5	Experimental investigation of N-Butanol as a fuel additive for Spark Ignition (S.I.) Engine	Dr. Chandrakant B. Kothare	Mechanical Engineering	Materials Today	2023	2214-7853	https://www.sciencedirect.com/journal/materials-today	https://www.sciencedirect.com/science/article/abs/pii/S2214785322074363#:~:text=Adding%20butanol%20to%20gasoline%20increases,performance%20%26%20emissions%20%5B19%5D.	Yes
6	Design of Sewerage System by Dynamic Programming and Optimization Technique	Prof. S.R.Nagoshe	Civil Department	High Technology Letters	2023	1006-6748	https://gjstx-e.cn/	https://www.digitalxplore.org/up_proc/pdf/73-1399966324120-125.pdf	YES
7	Implementation of code cleanup and code standard Refactoring with PMD and UCD Tool	Dr. R. M. Tugnayat	E&TC	Int J Curr Eng Technol	2020	E-ISSN 2277-4106,P-ISSN 2347-5161	https://inpressco.com/category/ijcet/	https://link.springer.com/chapter/10.1007	Yes
8	Framing and Sentiment : Cumulative effect	Dr. R. M. Tugnayat	E&TC	Int J Curr Eng Technol	2019	E-ISSN 2347-2693	https://inpressco.com/category/ijcet/	https://www.researchgate.net/publication	Yes