

3.2.1 Number of papers published per teacher in the Journals notified on UGC website during the last five years (5)

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	List 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/Scopus/Web of
2020-21								
"Computational Fluid Dynamics of Rectangular External Loop Airlift Reactor"	Dr. Shivanand Teli	Chemical Engineering	Chemical Reactor Engineering	2020-21	1542-6580	https://www.degruyter.com/j	https://doi.org/10.1016/j.biort	YES
Insights into kinetics, reaction mechanism, and thermodynamic analysis of pyrolysis of rice straw from rice bowl of India	Shyam Tekade	Chemical Engineering	Bioresource Technology Reports	2020-21	ISSN:2589-014X	https://www.sciencedirect.co	http://dx.doi.org/10.1016/j.bite	YES
Pyrolysis of waste polyethylene under vacuum using zinc oxide	Shyam Tekade, S H Gharat	Chemical Engineering	Energy Sources Part A: Recovery, Utilization and Environmental Effects	2020-21	ISSN:1556-7036	https://www.tandfonline.com	https://doi.org/10.1080/15567	YES
Hydrogen generation through water splitting reaction using waste aluminum in presence of gallium	Shyam Tekade	Chemical Engineering	International Journal of Hydrogen Energy	2020-21	ISSN:0360-3199	https://www.sciencedirect.co	https://www.sciencedirect.com	YES
Kinetics of co-gasification of rice husk biomass and high sulphur petroleum coke with oxygen as gasifying medium via TGA	Shyam Tekade	Chemical Engineering	Bioresource Technology Reports	2020-21	ISSN:2589-014X	https://www.sciencedirect.co	https://doi.org/10.1016/j.biteb	YES
Intensification of hydrogen generation through liquid metal gallium in water splitting reaction using aluminum in presence of potassium hydroxide	Shyam Tekade	Chemical Engineering	Chemical Engineering Communications	2020-21	0098-6445	https://www.tandfonline.com	https://www.tandfonline.com/0	YES
Experimental investigation of segregation of granular mixtures during heap formation	Sandip H Gharat	Chemical Engineering	EPJ Web of Conferences	2020-21	ISSN:2100-014X	https://www.epi-conferences	https://doi.org/10.1051/epicon	YES
Sonochemical, photocatalytic and sonophotocatalytic oxidation of flonicamid pesticide solution using different catalysts	Sudesh D. Ayare	Chemical Engineering	Chemical Engineering & Processing: Process Intensification	2020 (2020-21)	0255-2701	https://www.sciencedirect.co	https://doi.org/10.1016/j.cep.2	YES
Sonophotocatalytic oxidation based treatment of phthalocyanine pigment containing industrial wastewater intensified using oxidising agents	Sudesh D. Ayare	Chemical Engineering	Separation and Purification Technology	2020 (2020-21)	1383-5866	https://www.sciencedirect.co	https://doi.org/10.1016/j.seppu	YES
Sunil Kulkarni, Synthesis, Characterization and Performance of Low-Cost Unconventional Adsorbents Derived from Waste Materials,	Sunil J Kulkarni	Chemical Engineering	Interface Res. In Applied Chemistry,	2020 (2020-21)	2069-5837	https://www.scopus.com/sou	https://biointerfaceresearch.co	YES
"Effect of MWCNT on Mechanical behavior of Glass Laminate Aluminum Reinforced Epoxy Composites"	V Khalkar	Mechanical Engineering	Polymer Composites, Wiley publications	2020 (2020-21)	1548-0569	Wiley Online Library Scientif	http://dx.doi.org/10.1002/pc.2	YES
" The Consequence of Silicon Additive in Isothermal Decomposition of Hydrides LiH, NaH, CaH2 and TiH2"	Rohan R. Kalamkar	Mechanical Engineering	International Journal of Hydrogen Energy	2020 (2020-21)	0360-3199	https://www.sciencedirect.co	https://doi.org/10.1016/j.ijhyd	YES
Data-based evaluation of paleoclimate records from the terrestrial Indian region: Opportunities and gaps	Nikita Kaushal, Y. R. Kulkarni, P. Srivastava, S. Rawat	Department of Civil Engineering	Past Global Changes (PAGES) Magazine	2020 (2020-21)	NA	https://pastglobalchanges.org	DOI: https://doi.org/10.22498/	YES
2019-20								
Reflection of Human Values through Business Communication and Professional Ethics	Dr. N. A. Kolekar	Applied Science and Humanities	Ajanta: An International Multidisciplinary Quarterly Research Journal (Vol: IX, Issue: 1) (Peer Reviewed Referred and UGC Listed Journal No. 40776)	2020 (2019-20)	2277-5730	https://publons.com/journal/525270/an-international-multidisciplinary-quarterly-resea/	https://drive.google.com/file/d/15dvNkviNEwRSPTeOF8u47kdaBeTagA3s/view?usp=sharing	YES

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Sonocatalytic treatment of phosphonate containing industrial wastewater intensified using combined oxidation approaches	S D Ayare	Chemical Engineering	Ultrasonics - Sonochemistry	2019 (2019-20)	1350-4177	https://www.sciencedirect.com	DOI: 10.1016/j.ultsonch.2018.1	YES
Sonophotocatalytic oxidation based treatment of phthalocyanine pigment	S D Ayare	Chemical Engineering	Separation and Purification Technology	2020 (2019-20)	1383-5866	https://www.sciencedirect.com	https://doi.org/10.1016/j.seppu	YES
The effect of crack geometry on mode shapes of a cracked cantilever beam	V Khalkar	Mechanical Engineering	Australian Journal of Mechanical Engineering	2020 (2019-20)	1448-4846	Australian Journal of Mechanical Engineering Taylor & Francis Online (tandfonline.com)	https://doi.org/10.1080/14484	YES
Fatigue properties of adhesively bonded teakwood filled circular hollow steel tube in rotary bending application	B Danawade	Mechanical Engineering	Materials today proceedings journal	2020 (2019-20)	2214-7853	https://link.springer.com/boo	https://link.springer.com/chapt	YES
Big Data: Perceptions and Analytics	Dr. Mangore A K	Computer Engineering	International Journal of Advanced Science and Technology	2020 (2019-20)	2207-6360	http://sersc.org/journals/inde	http://sersc.org/journals/index	YES
Identification of Carbon Monoxide Levels	Dr. R R Bane	Computer Engineering	International Journal of Innovative Technology and Exploring Engineering	2019 (2019-20)	2278-3075	https://www.ijtee.org/	Volume-9 Issue-4 - Internationa	YES
Solid Waste Generation Data Variability in India—An Unnoticed Hurdle	R Hujare	Civil Engineering	Recent Developments in Waste Management	2020 (2019-20)		https://www.springer.com/se	https://link.springer.com/chapt	YES
Synthesis and Antibacterial Activity of Novel 3-Hydroxy Benzoic Acid Hybrid Derivatives [Part II]	M S Satpute	ASH Department	Rasayan Journal of Chemistry	2019 (2019-20)	0976-0083,0974-1496	https://rasayanjournal.co.in/	http://rasayanjournal.co.in	YES
Mercury Removal From Wastewater By Physicochemical, Biological And Combined Methods: A Review	S J Kulkarni	Chemical Engineering	Pollution Research	2019 (2019-20)	0257-8050	http://www.envirobiotechjou	http://www.envirobiotechjou	YES
An Insight Into Selected Literature On Disasters, Hazards And Safety In Laboratories And Industries	S J Kulkarni	Chemical Engineering	International Journal of Scientific & Technology Research	2019 (2019-20)	2277-8616	https://www.ijstr.org/	http://www.ijstr.org	YES
Trans esterification for biodiesel/a review	S J Kulkarni	Chemical Engineering	International Journal of Advanced Trends in Computer Science and Engineering	2019 (2019-20)	2278-3091	https://www.warse.org/IJATC	10.30534/ijatcse/2019/2281.62	NO
Experimental and Computational Studies of Aerated Stirred Tank with Dual Impeller	S M Teli	Chemical Engineering	International Journal of Chemical Reactor Engineering	2019 (2019-20)	1542-6580	https://www.degruyter.com/i	https://www.degruyter.com	YES
Hydrodynamic studies in sectionalised external loop air lift reactors	S M Teli	Chemical Engineering	Indian Chemical Engineer	2019 (2019-20)	0975-007X, 0019-4506	https://www.tandfonline.com	https://doi.org/10.1080/00194	YES
Computational Fluid Dynamics of Rectangular External Loop Airlift Reactor	S M Teli	Chemical Engineering	International Journal of Chemical Reactor engineering	2019 (2019-20)	1542-6580	https://www.degruyter.com/i	https://www.degruyter.com	YES
Design & Manufacturing of wood filled steel tube for structural Applications	B Danawade	Mechanical Engineering	Materials TodayProceedings	2019 (2019-20)	2214-7853	https://www.journals.elsevier	10.1016/j.matpr.2019.07.357	YES
Wear characteristics of aluminium 7075 reinforcement with zro2	V Khalkar	Mechanical Engineering	Journal of Xidian University	2020 (2019-20)	1001-2400	Home (xadzkid.cn)	https://doi.org/10.37896/jxu14	YES
2018-19								
Paradigm for Natural Frequency of an UnCracked Simply Supported Beam and its Application to Single Edged and MultiEdged Cracked Beam	Dr. V Khalkar	Mech. Engg.	Vibrations in Physical Systems	2018-19	0860-6897	https://vibsys.put.poznan.pl	https://vibsys.put.poznan.pl/	YES
The effect of crack geometry on nondestructive fault detection of EN 8 and EN 47 cantilever beam	Dr. V Khalkar	Mech. Engg.	Noise and Vibration worldwide	2019 (2018-19)	0957-4565	Noise & Vibration Worldwide: SAGE Journals (sagepub.com)	https://doi.org/10.1177%2F095	YES

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Synthesis Antibacterial Activity of Novel Vanillic Acid Hybrid Derivative (Part III)	Prof. Satpute M.S.	Applied science and Humanities	International Journal for Research in Science Engineering Technology	2018 (2018-19)	0974-1496	https://rasavanjournal.co.in/	http://www.rasavanjournal.co.in/	YES
Methyl Vanillate Ether Derivatives for future Potential Drug	Prof. Satpute M.S.	Applied science and Humanities	International Journal for Research in Science Engineering Technology	2018 (2018-19)	2395-602X	http://ijrst.com/	DOI:10.32628/IJSRST19616	YES
Synthesis And Antibacterial Activity Of Novel 3 Hydroxy Benzoic Acid Hybrid Derivatives [Part II]	Prof. Satpute M.S.	Applied science and Humanities	Rasayan Journal of Chemistry	2019 (2018-19)	2395-602X	http://ijrst.com/	10.32628/IJSRST18401159	YES
Intensification of the production of 2-ethylhexyl acrylate: Batch kinetics and reactive distillation	Dr. V. D. Talnikar	Chemical Engineering	International Journal. Chemical Reactor Engineering	2018 (2018-19)	1542-6580	https://www.degruyter.com/journal/key/ijcre/html	https://www.degruyter.com/document/doi/10.1515/ijcre-2017-0202	YES
Optimization of Distillation Columns	Dr. V. D. Talnikar	Chemical Engineering	International Journal of Advanced Engineering Research and Applications (IJAERA)	2019 (2018-19)	2454-2377	https://www.ijaera.org/	https://www.ijaera.org	YES
Potassium Hydroxide Activated Hydrogen Generation	Mr. S.P. Tekade	Chemical Engineering	International Journal of Chemical Reactor Engineering	2019 (2018-19)	1542-6580	https://www.degruyter.com/journal/key/ijcre/html	https://www.degruyter.com/document/doi/10.1515/ijcre-2017-0202	YES
Hydrogen Generation in an Annular Microreactor: an Experimental Investigation of Water Splitting Reaction Using Aluminum in Presence of Potassium Hydroxide	Mr. S.P. Tekade	Chemical Engineering	International Journal of Chemical Reactor Engineering	2019 (2018-19)	1542-6580	https://www.degruyter.com/journal/key/ijcre/html	https://doi.org/10.1515/ijcre-2017-0202	YES
Sonocatalytic treatment of phosphonate containing industrial waste water intensified using combined oxidation approaches	Mr. S.D. Ayare	Chemical Engineering	Ultrasonics Sonochemistry	2019 (2018-19)	1350-4177, 1873-2828	https://www.sciencedirect.com/journal/ultrasonics	DOI: 10.1016/j.ultsonch.2018.11.017	YES
The effect of crack geometry on stiffness of spring steel cantilever beam	Dr. V. Khalkar	Mechanical Engineering	Journal of low frequency noise, vibration and active control	2018 (2018-19)	1461-3484	https://journals.sagepub.com/journalInfo/10.1177/1461348418765959	10.1177/1461348418765959	YES
Experimental Investigation of Mechanical Properties of Impact Modified Polyvinyl Chloride-Fly Ash Composites	Dr. P. S. Joshi	Mechanical Engineering	Journal of Minerals and Materials Characterization and Engineering	2019 (2018-19)	2327-4085	https://www.scirp.org/index.php/jmmce	10.4236/jmmce.2019.71003	YES
Experimental analysis of solar fish dryer using phase change material	Mr. V. M. Swami	Mechanical Engineering	Journal of energy storage	2018 (2018-19)	2352-152X	https://www.sciencedirect.com/journal/journal-of-energy-storage	https://www.sciencedirect.com/journal/journal-of-energy-storage	YES
Portrayal of Alter Ego in Ellen Hopkins's Identical (2008)	Dr. N. A. Kolekar	ASH	Aayushi International Interdisciplinary Research Journal (AIIRJ)	2019 (2018-19)	2349-638x	https://aiirjournal.com/	https://aiirjournal.com/upload/Articles/2019/04/3709_04_Dr.%20Nitin%20A.%20Kolekar.pdf	YES
2017-18								
Hydrogen generation in an annular microreactor: An experimental investigation and reaction modeling by Shrinking Core Model (SCM)	Dr. S. Tekade	Chemical Engineering	International Journal of Chemical Reactor Engineering	2018 (2017-18)	1542-6580	https://www.degruyter.com/journal/key/ijcre/html	https://doi.org/10.1515/ijcre-2017-0202	YES
Verification of mathematical model of a cantilever beam to U-shape cracks	Dr. V. Khalkar	Mechanical Engineering	Asian research publishing network	2017 (2017-18)	1819-6608	ARPJ Journals- Home Page	https://www.google.com/url?sa=t&url=https://www.arpnjournals.com/ijcr/v17i01/1819-6608.pdf	YES
Investigation of the effect of two open cracks on characteristics roots of a steel single-sided cracks in a cantilever beam	Dr. V. Khalkar	Mechanical Engineering	Materials today proceedings	2018 (2017-18)	2214-7853	Materials Today: Proceedings	DOI:10.1016/j.matpr.2017.11.017	YES

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Paradigm for Natural Frequency of an Un-Cracked Simply Supported Beam and its Application to Single-Edged and Multi-Edged Cracked Beam	Dr. V Khalkar	Mechanical Engineering	Journal of vibrations in Physical systems	2018 (2017-18)	0860-6897	https://vibsys.put.poznan.pl	https://vibsys.put.poznan.pl/	YES
Analysis of the effect of V-shape and Rectangular shape cracks on the natural frequencies of a spring steel cantilever beam	Dr. V Khalkar	Mechanical Engineering	Materials today proceedings journal	2018 (2017-18)	2214-7853	https://www.journals.elsevier.com/materials-today-proceedings	http://dx.doi.org/10.1016/j.matpr.2018.08.001	YES
Vibration characteristics of teak-wood filled steel tubes	Dr. B Danawade	Mechanical Engineering	AIP Conference Proceedings	2018 (2017-18)	0243243X	AIP Conference Proceedings (scitation.org)	https://aip.scitation.org	YES
Slope Bottom Tuned Liquid Dampers for Suppressing Horizontal Motion of Structures	Prof. Amardeep D. Bhosale	Civil Engineering	International Journal of Engineering Technology Science & Research (IJETSR)	2017(2017-18)	2394-3386	IJETSR:Home	1497897460 8-cdac197 ijetsr.com	NO
Expt. Investigation of Effectiveness of Slope Bottom Tuned Liquid Damper	Prof. Amardeep D. Bhosale	Civil Engineering	International Journal of Engineering Technology Science & Research (IJETSR)	2017(2017-18)	2394-3386	IJETSR:Home	1496075841 ietep284 ijetsr.com	NO
Design STP & to increase efficiency of existing sewage Treatment Plan By Modification in the conventional Design	Prof. V.D. Kamble	Civil Engineering	International Research Journal of Engineering & Technology(IRJET)	2018(2017-18)	2395-0056	www.irjet.net	IRJET-V5I4698.pdf	NO
Performance of Hollow sections with and without infill under compression and Flexure	Prof. M.D. Ghadage	Civil Engineering	International Journal of Engineering Science Invention(IJESI)	2018(2017-18)	2319- 6734	AQCI	www.ijesi.org	NO
Reuse of Natural Waste material(Coconut waste)for making Light weight Bricks	Prof. V R Kasar	Civil Engineering	International Research Journal of Engineering & Technology(IRJET)	2018(2017-18)	2395-0056	www.irjet.net	IRJET-V5I4367.pdf	NO
Characteristics of English for Science and Technology	Dr. Mane S S	ASH	International Journal of English Language, Literature in Humanities	2017(2017-18)	2321-7065	http://esp-world.info/	https://drive.google.com/file/d/1j4jELkiUSUIZ7_O-29DiG4qW1umYAdt3/view?usp=sharing	NO
Role of Media and Nation's Development	Dr. Mane S S	ASH	Bulletin of Indian Society and Culture	2017(2017-18)	2395-3748	http://www.vishwabharati.in	https://drive.google.com/file/d/1wci_zUyU5KvbJ8_vlvOwBcTVpSbkaPFH/view?usp=sharing	NO
The Status of English as a Second Language in Indian Classroom	Dr. Mane S S	ASH	Aayushi International Interdisciplinary Research Journal	2018(2017-18)	2349-638x	UGC Approved - HOME AIIRJ	2995_38.Mr.SatyawanSureshI	YES
Photodegradation of Spent Wash, a Sugar Industry Waste, Using Vanadium-doped TiO2 Nanoparticles	Prof. Howal S A	ASH	RSC Advances	2018(2017-18)	20394-20405	Photodegradation of spent wash, a sugar industry waste, using vanadium-doped TiO2 nanoparticles - RSC Advances (RSC Publishing)	https://doi.org/10.1039/C8RA02869A	YES
Social Perspectives in Dissociative Identity Order	Dr. Kolekar N A	ASH	Aayushi International Interdisciplinary Research Journal	2018(2017-18)	2349-638x	http://www.aairjournal.com/	https://www.aairjournal.com/	YES
Analysis of Estimation of Direction of Arrival by Comparative Study	Prof. S.R.Khedekar	EXTC	Materials Today Proceedings,	2018(2017-18)	2214-7853	https://www.sciencedirect.com	https://doi.org/10.1016/j.matpr.2018.08.001	YES
The effect of crack geometry on stiffness of a cracked cantilever beam	Dr. V Khalkar	Mechanical Engineering	Journal of low frequency noise vibration and active control	2017(2017-18)	1461-3484	Journal of Low Frequency Noise, Vibration and Active Control: SAGE Journals (sagepub.com)	The effect of crack geometry on	YES

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Development of experimental setup for measurement of stored hydrogen in solid by volumetric method	Prof. Kalamkar R. R.	Mechanical Engineering	Techno- Societal, International Conference Proceeding, Springer Publication	(2017-18)		Techno-Societal 2020 I Spring	https://www.researchgate.net/	YES
Dynamics of granular segregation in quasi 2D system	Dr. Gharat S.H.	Chemical Engineering	European Physical Journal	(2017-18)		EPJ Web of Conferences (epj-c	https://ui.adsabs.harvard.edu/	YES
Application of artificial neural networks and response surface methodology approaches for the prediction of oil agglomeration process	Dr. Wadhvani P. A.	Chemical Engineering	FUEL	(2017-18)	ISSN: 0016-2361	https://www.sciencedirect.com/	https://www.sciencedirect.com/	YES
Hydrogen Generation in Water Splitting Reaction Using Aluminum: Effect of NaOH Concentration and Reaction Modelling Using SCM	Dr. S Tekade	Chemical Engineering	International journal of chemical reactor engineering	(2017-18)	ISSN:1542-6580	https://www.degruyter.com/	https://doi.org/10.1515/ijcre-2016-2017	YES
2016-2017								
The effect of curing methods on compressive strength and durability of concrete	S G Suryavanshi	Civil Engineering	Engineering	2016 (2016-17)	E-ISSN No : 2454-9916	https://www.iiser.org/	https://issuu.com/thewriterspu	NO
A mid- to late-Holocene record of vegetation decline and erosion triggered by monsoon weakening and human adaptations in the south-east Indian Peninsula	Y R Kulkarni	Civil Engineering	The Holocene	2017 (2016-17)	9596836	https://journals.sagepub.com/	https://doi.org/10.1177%2F095	YES
Experimental Investigation of Effectiveness of Slope Bottom Tuned Liquid Damper	A D Bhosale	Civil Engineering	International Journal of Engineering Technology Science and Research	2017 (2016-17)	ISSN 2394 – 3386	http://www.ijetsr.com/	1496075841_ietep284_ijetsr.p	NO
Sedimentary and Geomorphic Signatures of a Cloud burst and triggered flash floods in the Indus valley of Ladakh Himalaya	Y R Kulkarni	Civil Engineering	Himalayan Geology	2017 (2016-17)	0971-8966	https://www.himgeology.com/	https://www.researchgate.net/	YES
Analysis of estimation of direction of arrival by comparative study	S R Khedekar	EXTC Engineering	Materials Today: Proceedings	2016 (2016-17)	2214-7853	Analysis of Estimation of Direc	https://doi.org/10.1016/j.matp	YES
DOA by Antenna Array Plane Rotation Minimizes Antenna Elements and Phase Error	S R Khedekar	EXTC Engineering	International Journal of Control Theory and Applications	2016 (2016-17)	0974-5572	International Journal of Control	I:\2016==GR Sharma formatting	NO
Digital beam forming to reduce antenna side lobes and minimize DOA error.	S R Khedekar	EXTC Engineering	2016 International Conference on Signal Processing, Communication, Power and Embedded System (SCOPUS)	2016 (2016-17)		https://art1lib.org/	Z-Library (art1lib.org)	NO
Comparative vibration study of EN 8 and EN 47 cracked cantilever beam	V Khalkar	Mechanical Engineering	Journal of Vibroengineering	2017 (2016-17)	1392-8716	Journal of Vibroengineering (s	https://doi.org/10.21595/ive.20	YES
Free vibration study of v-shape and rectangular shape double-sided cracks in a cantilever beam	V Khalkar	Mechanical Engineering	Journal of Vibroengineering	2017 (2016-17)	1392-8716	Journal of Vibroengineering (s	https://doi.org/10.21595/ive.20	YES