

3.3.1 Number of research papers published per teacher in the Journals notified on UGC website during the last five years

SN	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/Scopus/Web of Science/other, mention
1	Critical study of steel beams with web openings	Morkhade, S.G. and Gupta, L.M.	Civil Engineering	Australian Journal of Structural Engineering	2021-22	1328-7982	https://www.tandfonline.com/journals/tsen20	https://www.tandfonline.com/doi/full/10.1080/13287982.2022.2117319	ESCI/SCOPUS
2	Buckling performance evaluation of cellular beams strengthened with flange cover plate	Morkhade, S.G., Jagtap, K.R., Ghorpade, P.S., Ahiwale, D.D., Najm, H.M.	Civil Engineering	Asian Journal of Civil Engineering	2021-22	1563-0854	https://www.springer.com/journal/42107	https://link.springer.com/article/10.1007/s42107-022-00483-3	SCOPUS/UGC Care
3	Effect of web post width on strength capacity of steel beams with web openings: Experimental and analytical investigation.	Morkhade, S.G., Gupta, L.M., Carlos Humberto Martins.	Civil Engineering	Practice Periodical on Structural Design and Construction	2021-22	1084-0680	https://ascelibrary.org/journal/ppscfx	https://ascelibrary.org/doi/10.1061/%28ASCE%29SC.1943-5576.0000688	ESCI/SCOPUS
4	Parametric study of trapezoidally corrugated web beam	Morkhade, S.G. and Gupta, L.M.	Civil Engineering	Materials Today: Proceedings	2021-22	2214-7853	https://www.journals.elsevier.com/materials-today-proceedings	https://www.sciencedirect.com/science/article/pii/S2214785321079037	SCOPUS
5	Optimization of Self-cured High-Strength Concrete by Experimental and Grey Taguchi Modelling	Nayak, C.B., Suryawanshi, N.T., Thakare, S.B, Kate, G.K.	Civil Engineering	Iranian Journal of Science and Technology, Transactions of Civil Engineering	2021-22	2228-6160	https://www.springer.com/journal/40996	https://link.springer.com/article/10.1007/s40996-022-00897-8	SCIE/SCOPUS/UGC Care
6	Use of fly ash cenosphere in the construction Industry: A review	Nayak, C.B., Zanjad, N.S., Pawara, S.	Civil Engineering	Materials Today: Proceedings	2021-22	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/pii/S2214785322017072?via%3Dihub	Scopus
7	Engineering application of organic materials with concrete: A review	Nayak C.B, Bengal, S. N., Pammar, L.S	Civil Engineering	Materials Today: Proceedings	2021-22	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/pii/S2214785322010331?via%3Dihub	Scopus
8	Modal analysis of cracked cantilever beam using ANSYS software	Dhiraj Ahiwale, Harshada Madake, Nikita Phadtare, Amit Jarande, Deepak Jambhale	Civil Engineering	Materials Today: Proceedings	2021-22	2214-7853	https://www.journals.elsevier.com/materials-today-proceedings	https://www.sciencedirect.com/science/article/pii/S2214785322000815	SCOPUS
9	Damage detection of warren truss bridge using frequency change correlation	Varsha Patil, Dhiraj Ahiwale	Civil Engineering	Materials Today: Proceedings	2021-22	2214-7853	https://www.journals.elsevier.com/materials-today-proceedings	https://www.sciencedirect.com/science/article/pii/S2214785321075052	SCOPUS
10	Flexural and shear cracking performance of strengthened RC rectangular beam with variable pattern of the BFRP strips	Narule G.N, Sonawane K. K	Civil Engineering	Innovative Infrastructure Solutions	2021-22	2364-4176	https://www.springer.com/journal/41062	https://doi.org/10.1007/s41062-022-00785-0	SCOPUS
11	Experimental analysis of RC rectangular and square columns confined using carbon fiber composites	Narule,G. N., Bambole, A. N.	Civil Engineering	Materials Today: Proceedings	2021-22	2214-7853	https://www.journals.elsevier.com/materials-today-proceedings	https://doi.org/10.1016/j.matpr.2022.01.238	SCOPUS
12	Experimental investigation on compressive and flexural performance of Forta-fiber reinforced concrete	Narule,G. N., Visapure, A. N.	Civil Engineering	Materials Today: Proceedings	2021-22	2214-7853	https://www.journals.elsevier.com/materials-today-proceedings	https://doi.org/10.1016/j.matpr.2022.01.244	SCOPUS
13	Structural and cracking behaviour of RC T-beams strengthened with BFRP sheets by experimental and analytical investigation	Nayak, C.B, Narule G.N	Civil Engineering	Journal of King Saud University - Engineering Sciences	2021-22	1018-3639	https://www.sciencedirect.com/journal/journal-of-king-saud-university-engineering-sciences	https://www.sciencedirect.com/science/article/pii/S1018363921000015?via%3Dihub	SCOPUS/UGC Care
14	Implementation of Reliability Antecedent Forwarding Technique Using Straddling Path	Dr. Santaji Krishna Shinde	COMPUTER	Wireless Communications and Mobile Computing	2021-22	1530-8677	https://www.hindawi.com/journals/wcmc/about/	https://doi.org/10.1155/2022/6489185	Scopus
15	Mechanical Strengthening of Lightweight Aluminium Alloys through Friction Stir Process	Dr. Santaji Krishna Shinde	COMPUTER	Advances in Materials Science and Engineering	2021-22	1687-8442	https://www.hindawi.com/journals/amse/about/	https://doi.org/10.1155/2022/8907250	Scopus
16	Improving the Efficiency of Photovoltaic Panels Using Machine Learning Approach	Dr. Santaji Krishna Shinde	COMPUTER	International Journal of Photoenergy	2021-22	1687-529X	https://www.hindawi.com/journals/ijp/about/	https://doi.org/10.1155/2022/4921153	Scopus

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17	A SEMANTIC TRANSFER OF ENGLISH WORDS FOR ACCESSING ENGLISH TEXT IN HINDI	Dr. Dinesh Bhagwan Hanchate	COMPUTER	Stochastic Modeling & Applications	2021-22	0972-3641	https://www.mukpublications.com/sma-vol-26-1-2022.php	https://www.mukpublications.com/v26-3-si-2022.php	UGC Approved
18	Integrating Blockchain into Agriculture Supply Chain	Dr. Dinesh Bhagwan Hanchate	COMPUTER	International Journal of Advanced Research in Computer and	2021-22	2278-1021	https://ijarccce.com/	https://ijarccce.com/papers/integrating-blockchain-into-agriculture-supply-chain/	Google Scholar/ORCID Indexing
19	Machine Learning in Horticulture culture Domain: A state-of-art Survey	Dr. Dinesh Bhagwan Hanchate	COMPUTER	Artificial Intelligence in the Life Sciences (Scopus)	2021-22	2667- 3185	https://www.sciencedirect.com/science/article/pii/S2667318521000106?via%3Dihub	https://www.sciencedirect.com/journal/artificial-intelligence-in-the-life-sciences	Scopus/ScienceDirect
20	Medicine Manufacturing Supply Chain Management System Using Blockchain	Gyankamal Jitendrakumar Chhajed	COMPUTER	Journal of Advanced Research in Computer and Communication	2021-22	2278- 1021	https://ijarccce.com	https://ijarccce.com/papers/medicine-manufacturing-supply-chain-management-system-using-blockchain/	Google scholar/researchgate
21	Evaluation of image quality based on visual perception using antagonistic networks in autonomous vehicles	R. K. Shastri	E&TC Engineering	International Journal of Health Sciences	2021-22	2550-6978	https://sciencescholar.us/journal/index.php/ijhs	https://doi.org/10.53730/ijhs.v6nS3.8731	Scopus
22	Effect of Optimized Deep Belief Network to Patch-Based Image Inpainting Forensics	Patil B.H	E&TC Engineering	International Journal of Swarm Intelligence Research	2021-22	1947-9271	https://www.igi-global.com/journal/international-journal-swarm-intelligence-research/1149	https://dl.acm.org/doi/10.4018/IJSIR.304401	ESCI
23	Experimental and numerical study on reinforced concrete deep beam in shear with crimped steel fiber	Nayak, C.B.	Civil Engineering	Innovative Infrastructure Solutions	2021-22	2364-4176	https://www.springer.com/journal/41062	https://link.springer.com/article/10.1007/s41062-021-00638-2	SCOPUS/UGC Care
24	Effect of SiO ₂ and ZnO Nano-Composites on Mechanical and Chemical Properties of Modified Concrete	Nayak, C.B., Taware, P.P, Jagadale, U.T, Jadhav, N.A., Morkhade, S.G.	Civil Engineering	Iranian Journal of Science and Technology, Transactions of Civil	2021-22	2228-6160	https://www.springer.com/journal/40996	https://link.springer.com/article/10.1007/s40996-021-00694-9	SCIE/SCOPUS/UGC Care
25	Determination of Bacterial Concrete Strength Using Bacillus Subtilis and Lightweight Expandable Clay Aggregate	Dhiraj Ahiwale, Rushikesh Khartode	Civil Engineering	American Journal of Agricultural Science, Engineering, and Technology	2021-22	2158-8104 (Online), 2164-0920 (Print)	https://journals.e-palli.com/home/index.php/ajaset/index	https://doi.org/10.54536/ajaset.v5i2.112	Google Scholar, Crossref, INDEX COPERNICUS INTERNATIONAL (ICI), OpenAIRE
26	<u>Diuretic For Hypertension: A Review</u>	<u>Sudhir B.Lande</u>	E&TC Engineering	World Journal of Pharmaceutical Research	2021-22	2277– 7105	https://wjpr.s3.ap-south-1.amazonaws.com/article_issue/10700a9981981a3736196b37aa3bcc57.pdf	https://wjpr.s3.ap-south-1.amazonaws.com/article_issue/10700a9981981a3736196b37aa3bcc57.pdf	Scopus
27	Triple Laplace transforms and its properties	Hiwarekar A. P.	General Sciences and Engineering	Advances and Applications in Mathematical Sciences	2021-22	0974-6803	https://www.mililink.com/journals_ia.php?id=59	https://www.mililink.com/upload/article/1580658340aams_vol_2011_september_2021_a45_p2843-2851_a_p_hiwarekar.pdf	Web of Science & UGC Care
28	Cryptographic method based on Laplace-Elzaki transform	Jadhav Shaila S., Hiwarekar A. P.	General Sciences and Engineering	Journal of the Maharaja Sayajirao University of Baroda	2021-22	0025-0422	https://ugccare.unipune.ac.in/Apps1/Content/Files/pdf/Clone_JournalsPdf/Original20220624T123254.pdf	https://www.researchgate.net/publication/353044110_CRYPTOGRAPHIC_METHOD_BASED_ON_LAPLACE-ELZAKI_TRANSFORM	UGC Care
29	Synthesis of PbS Thin Film by Chemical Bath deposition Method and its Structural Optical Studies	B. S. Maharnavar, M. G. Bagal, Nitin A. Jadhav, A. R. Pardeshi and P C Pingle	General Sciences and Engineering	Journal of Emerging Technologies and Innovative Research	2021-22	2349-5162	https://www.jetir.org/	https://www.jetir.org/papers/JETIR2103352	UGC Care
30	Experimental analysis of effective combustion heat release rate for improving the performance of synthetic biogas-diesel dual-fuel engine	Avinash H. Kolekar, Suneet Singh, Anuradda Ganesh	Mechanical	International Conference on Advances in Engineering &	2021-22	1556-7230	https://www.tandfonline.com/doi/abs/10.1080/15567036.2021.1946214	https://www.tandfonline.com/doi/abs/10.1080/15567036.2021.1946215	Scopus, Web of Science
31	Design & CAD Model of Automatic Drainage	Manisha Lande, Prakash Hadule, Suraj Badekar, Mitali Shinde & Mayuri Tongale	Mechanical	Journal of Huazhong University of Science & Technology, (ISSN-1671-4512) Vol	2021-22	1671-4512	https://www.oriprobe.com/journals/hzgdxsb.html	https://www.researchgate.net/publication/352991143_Design_CAD_Model_of_Automatic_Drainage_Cleaning_Machine	Scopus

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32	Multiple Approach of Smart Intelligent Car Parking System	Manisha Lande, Sneha Jadhav, Sharayu Jadhav, Akshay Kamble & Priya Gaikwad	Mechanical	Journal of Huazhong University of Science & Technology, (ISSN-1671-4512) Vol	2021-22	1671-4512	https://www.oriprobe.com/journals/hzlgdxxb.html	https://www.researchgate.net/publication/353141646_Multiple_Approach_of_Smart_Intelligent_Car_Parking_System	Scopus
33	A Review on Vibrational Characteristics of Aluminium (Al) Matrix Composites	Suraj Kumbhar	Mechanical	Journal of Huazhong University of Science and Technology ISSN-1671-4512, Vol 50	2021-22	1671-4512	https://www.researchgate.net/publication/352932131_A_Review_on_Vibrational_Characteristics_of_Aluminium_Al_Matrix_Composites	https://www.researchgate.net/publication/352932131_A_Review_on_Vibrational_Characteristics_of_Aluminium_Al_Matrix_Composites	Scopus
34	A compact ultra-wideband square and circular slot ground plane planar antenna with a modified circular patch	Patil B.H	E&TC Engineering	International Journal of Microwave and Wireless Technologies	2021-22	1759-0787	https://www.cambridge.org/core/journals/international-journal-of-microwave-and-wireless-technologies	https://doi.org/10.1017/S175907872100129X	Scopus
35	Advanced Deep Learning and Super Optimization Technique based on Classification of Medical Images	Dr. Santaji Krishna Shinde	COMPUTER	International Journal of Mechanical Engineering	2021-22	0974-5823	https://www.scopus.com/sourceid/21101016918	https://kalaharijournals.com/ijme-vol7-issue-jan2022.php	Scopus
36	Experimental and Analytical Investigation of Castellated Steel Beams with Varying Openings Eccentricity.	Morkhade, S.G., Shirke, T., Mansuke, A., Chavan, M. U, Gupta L.M.	Civil Engineering	Journal of The Institution of Engineers (India): Series A	2020-21	2250-2157	https://www.springer.com/journal/40030	https://link.springer.com/article/10.1007/s40030-021-00516-1	SCOPUS/UGC Care
37	A state-of-the-art review of vertical ground motion (VGM) characteristics, effects and provisions	Nayak, C.B.	Civil Engineering	Innovative Infrastructure Solutions	2020-21	2364-4176	https://www.springer.com/journal/41062	https://link.springer.com/article/10.1007/s41062-021-00491-3	SCOPUS/UGC Care
38	Linear Transient Dynamic Analysis of Plates With and Without Cutout	Nayak, C.B., Khante, S.N	Civil Engineering	Arabian Journal for Science and Engineering	2020-21	2191-4281	https://www.springer.com/journal/13369	https://link.springer.com/article/10.1007/s13369-021-05523-9	SCIE/SCOPUS/UGC Care
39	Optimization of sustainable high-strength-high-volume fly ash concrete with and without steel fiber using Taguchi method and multi-regression	Nayak, C.B, Kate, G.K., Thakare, S.B	Civil Engineering	Innovative Infrastructure Solutions	2020-21	2364-4176	https://www.springer.com/journal/41062	https://link.springer.com/article/10.1007/s41062-021-00472-6	SCOPUS/UGC Care
40	Quantification study for roof truss subjected to near-fault ground motions	Dhiraj Ahiwale, Prajкта Shaha, Kamatchi Palaniyandi, Chittaranjan Nayak, Rushikesh	Civil Engineering	Innovative Infrastructure Solutions	2020-21	2364-4184	https://www.springer.com/journal/41062	https://link.springer.com/article/10.1007/s41062-021-00478-0	SCOPUS, UGC Care
41	Structural performance of relief shelf in cantilever retaining wall	Lonkar S., Narule, G. N.	Civil Engineering	Journal of Engineering, Computing and Architecture	2020-21	1934-7197	http://www.journaleca.com/INDEXING/	DOI:17.0002.JECA.2021.V11I5.200786.6008	UGC-CARE Group-II
42	Structural response of storied building for orientation of shear wall	Bhosale P., Narule, G.N.	Civil Engineering	GIS Science Journal	2020-21	1869-9391	http://www.gisscience.net/	DOI:20.18001.GSJ.2021.V8I5.21.37112	UGC-CARE Group-II
43	To Study of Seismic Response of Irregular Shaped Columns using Pushover Analysis	Kamble A., Narule, G.N., Khartode, R.	Civil Engineering	GIS Science Journal	2020-21	1869-9391	http://www.gisscience.net/	DOI:20.18001.GSJ.2021.V8I7.21.37665	UGC-CARE Group-II
44	IR : Backbone of Business Sustainability and Model	Dr. Dinesh Bhagwan Hanchate	COMPUTER	Personnel Today	2020-21	0970- 8405	https://nipm.in/wp-content/uploads/2021/05/NIPM-3rd-Issue-of-Research-Compendium.pdf	NIPM Research Compendium inner pages.cdr	NIPM publications
45	Technological Interface in HR Processes leading to Business Stability	Dr. Dinesh Bhagwan Hanchate	COMPUTER	Personnel Today	2020-21	0970- 8405	https://nipm.in/wp-content/uploads/2021/02/NIPM-Research-Compendium-compressed.pdf	https://nipm.in/wp-content/uploads/2021/02/NIPM-Research-Compendium-compressed.pdf	International Book Publication
46	APPLICATION OF A NOVEL FUZZY LOGIC CONTROLLER	Dr. Dinesh Bhagwan Hanchate	COMPUTER	JETIR	2020-21	2349- 5162	https://www.jetir.org/papers/	https://www.jetir.org/papers/JETIR2107680.pdf	UGC Approved

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47	Employee Engagement In Virtual Industrial Environment	Dr. Dinesh Bhagwan Hanchate	COMPUTER	Turkish Online Journal of Qualitative Inquiry (TOJQI)	2020-21	12627 – 12632	https://www.tojqi.net/index.php/journal/article	https://www.tojqi.net/index.php/journal/article/view/6335	Scopus
48	APPLYING ARTIFICIAL INTELLIGENCE TO KNOWLEDGE MANAGEMENT	Dr. Dinesh Bhagwan Hanchate	COMPUTER	Vidya Bharati International Interdisciplinary Research	2020-21	2319- 4979	https://www.researchgate.net/publication/355570169_APPLICATION_ARTIFICIAL_INTELLIGENCE_TO_KNOWLEDGE_MANAGEMENT	https://www.researchgate.net/publication/355570169_APPLICATION_ARTIFICIAL_INTELLIGENCE_TO_KNOWLEDGE_MANAGEMENT	UGC Approved
49	A Knowledge Container To Build Erp Competencies In A Corporate Environment	Dr. Dinesh Bhagwan Hanchate	COMPUTER	International Journal of Advances in Engineering and Management	2020-21	2395- 5252	https://ijaem.net/issue_dcp/A%20Knowledge%20Container%20To%20Build%20Erp%20Competencies%20In%20A%20Corporate%20Environment.pdf	https://ijaem.net/issue_dcp/A%20Knowledge%20Container%20To%20Build%20Erp%20Competencies%20In%20A%20Corporate%20Environment.pdf	UGC Care List
50	Automatic Voter Identification Intelligence System (VIIS)	Dr. Dinesh Bhagwan Hanchate	COMPUTER	International Journal of Innovative Research in Science, Engineering and	2020-21	2319-8753	http://www.ijirset.com/upload/2021/august/72_Automatic_NC.pdf	http://www.ijirset.com/upload/2021/august/72_Automatic_NC.pdf	UGC Approved
51	Data hiding in binary images for secret and secure communication using decision tree	Gyankamal Jitendrakumar Chhajed	COMPUTER	EAI International Conference on Big Data Innovation for	2020-21	2522-8595	springer.com	https://link.springer.com/content/pdf/bfm:978-3-031-07654-1/1	Scopus/orcid/sci
52	Spatio-temporal deep neural networks for accession classification of Arabidopsis plants using image sequences	S. U. Kolhar	E&TC Engineering	Ecological Informatics, 101334	2020-21	1574-9541	https://www.sciencedirect.com/journal/ecological-informatics	https://www.sciencedirect.com/science/article/abs/pii/S1574954121001254?via=ihub	SCIE
53	Plant Trait Estimation and Classification Studies in Plant Phenotyping Using Machine Vision-A Review	S. U. Kolhar	E&TC Engineering	Information Processing in Agriculture	2020-21	2214-3173	https://www.sciencedirect.com/journal/information-processing-in-agriculture	https://www.sciencedirect.com/science/article/pii/S2214317321000238?via=ihub	Scopus
54	Bibliometric Review on Image Based Plant Phenotyping	S. U. Kolhar	E&TC Engineering	Library Philosophy and Practice (e-Journal), 5065.	2020-21	1522-0222	https://digitalcommons.unl.edu/	https://digitalcommons.unl.edu/libphilprac/5065/	Scopus
55	Smart Monitoring and Controlling of Agriculture System	R. S. PISKE	E&TC Engineering	International Research Journal of Modernization in Engineering	2020-21	2582-5208	https://www.ijrimets.com/pastvolumeissue.php?p=35	https://www.ijrimets.com/paperdetail.php?paperId=37d561e3a5405ec9b6a9bdf10a3a4942&title=Smart+Monitoring+and+Controlling+of+Agriculture+System&authpr=	
56	MS-UNet: A multi-scale UNet with feature recalibration approach for automatic liver and tumor segmentation in CT images	D. T. Kushnure	E&TC Engineering	Computerized Medical Imaging and Graphics	2020-21	0895-6111	https://www.sciencedirect.com/journal/computerized-medical-imaging-and-graphics	https://doi.org/10.1016/j.compmedimag.2021.101885	Scopus
57	Evaluation of Filtering Methods for Extraction of Dolphin Signals	Rajveer Shastri, Arnab Das	E&TC Engineering	Journal of Critical Reviews	2020-21	2394-5125	http://www.jcreview.com/index.php	http://www.jcreview.com/admin/Uploads/Files/61af6d9398fcb8.14935274	Scopus
58	Secret data modification based image steganography technique using genetic algorithm having a flexible chromosome structure	R.S Bichkar	E&TC Engineering	Engineering Science and Technology, an International Journal	2020-21	2215-0986	https://www.sciencedirect.com/journal/engineering-science-and-technology-an-international-journal	https://doi.org/10.1016/j.jestch.2020.11.008	Scopus
59	Grading and sorting technique of dragon fruits using machine learning algorithms	Sudhir B.Lande	E&TC Engineering	Journal of Agriculture and Food Research	2020-21	2666-1543	https://www.sciencedirect.com/journal/journal-of-agriculture-and-food-research	https://doi.org/10.1016/j.jafr.2021.100118	Scopus
60	New Method for Cryptography using Laplace-Elzaki Transform	Jadhav Shaila S., Hiwarekar A. P.	General Sciences and Engineering	Psychology and education	2020-21	1553 - 6939	http://psychologyandeducation.net/pae/index.php/pae	http://www.psychologyandeducation.net/pae/index.php/pae/article/view/5119	Scopus
61	Developing Robot Behavior as Travel Agent for: Social Interaction	Bhagwat K.S	IT	International Journal for Scientific Research & Development	2020-21	2321-0613	https://www.ijsrd.com/articles/IJSRDV9I10144.pdf	https://www.ijsrd.com/articles/IJSRDV9I10144.pdf	Google Scholar

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62	Experimental, analytical and numerical performance of RC beams with V-shaped reinforcement	Nayak, C.B., Jagadale, U.T., Jadhav, K.M., Morkhade, S.G., Kate, G.K., Thakare, S.B.	Civil Engineering	Innovative Infrastructure Solutions	2020-21	2364-4176	https://www.springer.com/journal/41062	https://link.springer.com/article/10.1007/s41062-020-00363-2	SCOPUS/UGC Care
63	Parametric study for long-span roof truss subjected to vertical ground motion	Dhiraj D Ahiwale, Rushikesh R Khartode	Civil Engineering	Asian Journal of Civil Engineering	2020-21	1563-0854	https://www.springer.com/journal/42107	https://link.springer.com/article/10.1007/s42107-020-00320-5	SCOPUS/UGC Care
64	Influence of compressive load on concrete filled steel tubular column with variable thickness	Dhiraj Ahiwale, Rushikesh Khartode, Akshay Bhapkar, Giridhar Narule, Kamalkishor Sharma	Civil Engineering	Innovative Infrastructure Solutions	2020-21	2364-4184	https://www.springer.com/journal/41062	https://link.springer.com/article/10.1007/s41062-020-00390-z	SCOPUS/UGC Care
65	Experimental study on flexural behaviour of light steel hollow flange beam with various stiffening arrangements.	Raut, K.V., Morkhade, S.G., Khartode, R.R., Ahiwale D.D.	Civil Engineering	Innovative Infrastructure Solutions	2020-21	2364-4184	https://www.springer.com/journal/41062	https://link.springer.com/article/10.1007/s41062-020-00345-4	SCOPUS/UGC Care
66	An experimental study on axial behavior of FRP-strengthened RC rectangular columns with variable slenderness ratio	Narule, G. N. and Bambole, A. N.	Civil Engineering	Asian Journal of Civil Engineering	2020-21	1563-0854	https://www.springer.com/journal/42107	https://doi.org/10.1007/s42107-020-00312-5	SCOPUS
67	Photoresponse properties of CdSe thin films photodetector	Nitin T Shelke, S. C Karle, B. R. Karche	General Sciences and Engineering	Journal of Materials Science and Materials in Electronics	2020-21	0957-4522	https://www.springer.com/journal/10854	https://link.springer.com/article/10.1007/s10854-020-04069-0#:~:text=The%20CdSe%20film%20photodetector%20shows,ms%20and%2095%20ms%20C%20respectively.	Scopus
68	Application of graph-theoretic approach for the evaluation of lean-six-sigma (LSS) critical-success-factors (CSFs) facilitating quality-audits in Indian small	Manisha Lande, Dinesh Seth, Rakesh L. Shrivastava	Mechanical	International journal of quality & reliability management, 2019.	2019-20	0265-671X	https://www.emeraldgroupublishing.com/journal/ijqrm	https://www.emerald.com/insight/content/doi/10.1108/IJQRM-05-2019-0166/full/html	Scopus, Web of Science
69	Experimental and numerical investigation on compressive and flexural behavior of structural steel tubular beams strengthened with AFRP	Nayak, C.B.	Civil Engineering	Journal of King Saud University - Engineering Sciences	2019-20	1018-3639	https://www.sciencedirect.com/journal/journal-of-king-saud-university-engineering-sciences	https://www.sciencedirect.com/science/article/pii/S1018363919306646?via=ihub	SCOPUS/UGC Care
70	Structural behaviour of castellated steel beams with reinforced web openings.	Morkhade, S.G., Lokhande, R.S., Gund, U.D., Divate, A.B., Deosarkar, S. V., Chavan,	Civil Engineering	Asian Journal of Civil Engineering	2019-20	1563-0854	https://www.springer.com/journal/42107	https://link.springer.com/article/10.1007/s42107-020-00262-y	SCOPUS/UGC Care
71	Parametric Study of Dome With and Without Opening	Nayak, C.B., Jain, M. A., Walke S. B.	Civil Engineering	Journal of The Institution of Engineers (India): Series A	2019-20	2250-2149	https://www.springer.com/journal/40030	https://link.springer.com/article/10.1007/s40030-020-00447-3	SCOPUS/UGC Care
72	An experimental-based python programming for structural health monitoring of non-engineered RC frame	Nayak, C.B., Jagadale, U.T., Mankar, A., Thakare, S.B., Deulkar, W. N.	Civil Engineering	Innovative Infrastructure Solutions	2019-20	2364-4176	https://link.springer.com/article/10.1007/s41062-020-0260-x	https://link.springer.com/article/10.1007/s41062-020-0260-x	SCOPUS/UGC Care
73	Evaluation Seismic Response for Soft Storey Building Retrofitted with Infill, Steel Bracing and Shear Wall	Dhiraj D Ahiwale, Rushikesh R Khartode	Civil Engineering	Journal of Structural Technology	2019-20	2581-950X	http://matjournals.com/journal-of-Structural-Technology.html	https://doi.org/10.46610/JOST.2020.v05i02.001	Google Scholar, Scientific Journal Impact Factor
74	Seismic response for RC frames on sloping ground using pushover analysis	Dhiraj D Ahiwale, Rushikesh R Khartode, Kaustubh V Raut	Civil Engineering	Journal of Earthquake Engineering and Management	2019-20	2393-877	http://www.stmjournals.com/journal-of-Structural-Engineering-and-Management.html	https://www.researchgate.net/profile/Dhiraj-Ahiwale/publication/344349367_Seismic_Response_for_RC_Frames_on_Sloping_Ground_using_Pushover_Analysis/links/5f6afd6a92851c14bc8e45c6/Seismic-Response-for-RC-Frames-on-Sloping-Ground-using-Pushover-Analysis.pdf	CAS, DRJI, Google Scholar, Citefactor
75	Study of Fly Ash, Rice Husk Ash and Marble Powder as Partial Replacement to Cement in Concrete	Dhiraj Ahiwale, Rushikesh Khartode	Civil Engineering	International Journal of ChemTech Research	2019-20	0974-4290	http://www.sphinxai.com/framesphinxai.htm	http://dx.doi.org/10.20902/IJCTR.2019.130328	Scimago, Google Scholar, doi crossref, CNKI scholar
76	A Personalized Trip Planning using Keyword- based Travel Route Recommendation System	Dr. Santaji Krishna Shinde	COMPUTER	International Journal of Advanced Science and Technology	2019-20	2005- 4238	2207-6360	http://sersc.org/journals/index.php/IJAST/article/view/33001	Scopus

3.3.1 Number of research papers published per teacher in the Journals notified on UGC website during the last five years

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							Link to website of the Journal	Link to article / paper / abstract of the article	Is it listed in UGC Care list/Scopus/Web of Science/other, mention
77	Location-based Social Network Application for Travel Route Recommendation using A Query- based Approach	Dr. Santaji Krishna Shinde	COMPUTER	International Journal of Advanced Science and Technology	2019-20	2005- 4238	2207-6361	http://sersc.org/journals/index.php/IJAST/article/view/33021	Scopus
78	Users Truthfulness Identification & Cryptography in Data Market	Dr.Chaitanya Shrikant Kulkarni	COMPUTER	International Journal of Innovative Research in Science, Engineering and	2019-20	2005- 4238	http://sersc.org	http://sersc.org/journals/index.php/IJAST/article/view/8986	Scopus
79	Review On Uwb Antenna Design With Band Stop Function By Implementing Parasitic Patch Method	Shashank D. Biradar	E&TC Engineering	ICTACT JOURNAL ON MICROELECTRONICS	2019-20	2395-1680 (ONLINE)	https://ictactjournals.in/paper/IJME_Vol_5_Iss_4_Paper_4_8_61_865.pdf	https://ictactjournals.in/ArticleDetails.aspx?id=4025	UGC approved
80	Influence of soil chemical composition on electrical conductivity	A S Disale, P B Undreb, A S Alameenb & P W Khiradeb	General Sciences and Engineering	CSIR-Applied Innovative Research	2019-20	2581-8198	http://op.niscair.res.in/index.php/AIR	10.56042/air.v2i2.28847	Scopus
81	Measurement of Soil Capacitance Using Pulse Width Technique	A S Disale, D. P. Chavan, P B Undre, A S Alameen and P W Khirade	General Sciences and Engineering	Journal of Physics: Conference Series	2019-20	1742-6588	https://iopscience.iop.org/journal/1742-6596	10.1088/1742-6596/1644/1/012044	Scopus
82	Soil Characterization Using Physical and Chemical Properties	A S Disale, D P Chavan, A S Alameen and P B Undre	General Sciences and Engineering	Journal of Physics: Conference Series	2019-20	1742-6588	https://iopscience.iop.org/journal/1742-6596	https://iopscience.iop.org/article/10.1088/1742-6596/1644/1/012026	Scopus
83	Microwave Dielectric characterization of Ayurvedic Medicine using Time Domain Reflectometry Technique	D. P. Chavan, C. T. Londhe, A S Disale and P B Undre	General Sciences and Engineering	Journal of Physics: Conference Series	2019-20	1742-6588	https://iopscience.iop.org/journal/1742-6596	https://iopscience.iop.org/article/10.1088/1742-6596/1644/1/012029	Scopus
84	Nutrient Content Estimation in Agricultural Automation	Bhagwat K.S	IT	IJRSEM	2019-20	2581-5792	http://www.ijresm.com/Vol.3_2020/Vol3_Iss5_May20/IJRESM_V3_I5_146.pdf	http://www.ijresm.com/Vol.3_2020/Vol3_Iss5_May20/IJRESM_V3_I5_146.pdf	Google Scholar
85	A Novel hybrid framework for cuff-less blood pressure estimation based on vital bio signals processing using MI	Shinde S.A	IT	IJATCSE	2019-20	2278-3091	https://www.warse.org/IJATCSE/static/pdf/file/ijatcse999220.pdf	https://www.warse.org/IJATCSE/static/pdf/file/ijatcse99922020.pdf	Google Scholar
86	Investigation of Stress Concentration in Metallic Plates with special shaped cutout and bluntness	Shrikant Mahadik, Sachin M. Bhosle,	Mechanical	International Journal of Mechanical and Production Engineering	2019-20	2249-8001	http://www.tjprc.org/view_paper.php?id=14188	http://www.tjprc.org/view_paper.php?id=14188	Scopus
87	Autonomous Cars: The Sleeping-Giant	Sachin Bhosle, Shrikant Mahadik	Mechanical	International Journal of Mechanical and Production Engineering	2019-20	2249-8001	http://www.tjprc.org/view_paper.php?id=14376	http://www.tjprc.org/view_paper.php?id=14376	Scopus
88	Performance and Emission Analysis of Biomethane-Diesel Dual Fueled CI Engine in the Presence of Exhaust Gas Recirculation	Machindra S. Gaikwad, Keshav M. Jadhav, Avinash H. Kolekar, Mona S. Yadav & Parashuram B.	Mechanical	International Journal of Ambient Energy (Taylor & Francis)	2019-20	2162-8246	https://www.tandfonline.com/doi/abs/10.1080/01430750.2020.1722741	https://www.tandfonline.com/doi/abs/10.1080/01430750.2020.1722741	Scopus
89	A Comprehensive Review on State-of-the-Art Image Inpainting Techniques	Patil B.H	E&TC Engineering	Scalable Computing: Practice and Experience	2019-20	1895-1767	https://www.scpe.org/index.php/scpe/index	https://doi.org/10.12694/scpe.v2i12.1654	ESCI
90	Hybrid image inpainting using reproducing kernel Hilbert space and dragonfly inspired wavelet transform	Patil B.H	E&TC Engineering	International Journal of Nano and Biomaterials	2019-20	1752-8933	https://www.inderscienceonline.com/journal/ijnbm	https://doi.org/10.1504/IJNB.2019.104946	Scopus
91	Behaviour of Castellated Steel Beam: State of the Art Review	Morkhade, S.G. and Gupta, L.M.	Civil Engineering	Electronic Journal of Structural Engg	2019-20	1443-9255	https://ejsei.com/EJSE/index	https://ejsei.com/EJSE/article/view/234	SCOPUS
92	Comparative study of effect of web openings on the strength capacities of steel beam with trapezoidally corrugated web	Morkhade S. G., Baswaraj, S.M., Nayak, C.B.	Civil Engineering	Asian Journal of Civil Engineering	2019-20	1563-0854	https://www.springer.com/journal/42107	https://link.springer.com/article/10.1007/s42107-019-00166-6	SCOPUS/UGC Care
93	Ultimate load behaviour of steel beams with web openings	Morkhade, S.G. and Gupta, L.M.	Civil Engineering	Australian Journal of Structural Engineering	2019-20	1328-7982	https://www.tandfonline.com/journals/tsen20	https://www.tandfonline.com/doi/full/10.1080/13287982.2019.1607448	ESCI/SCOPUS

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94	Analytical study of effect of web opening on flexural behaviour of hybrid beams	Morkhade S.G., Kshirsagar M., Dange R., Patil A.	Civil Engineering	Asian Journal of Civil Engineering	2019-20	1563-0854	https://www.springer.com/journal/42107	https://link.springer.com/article/10.1007/s42107-019-00122-4	SCOPUS/UGC Care
95	Seismic performance of existing water tank after condition ranking using non-destructive testing	Nayak, C.B., Thakare, S.B.	Civil Engineering	International Journal of Advanced Structural Engineering	2019-20	2008-6695	https://link.springer.com/journal/40091/volumes-and-issues	https://doi.org/10.1007/s40091-019-00241-x	Scopus
96	Optimization in Image Fusion Using Genetic Algorithm	R.S Bichkar	E&TC Engineering	International Journal of Image, Graphics and Signal Processing (IJIGSP)	2019-20	2074-9074	https://www.mecspress.org/ijigsp/index.html	10.5815/ijigsp.2019.08.05	Scopus
97	Dual dielectrically modulated electrostatically doped tunnel-FET for biosensing applications	P.K. Kadbe	E&TC Engineering	International Journal on Emerging Technologies	2019-20	2249-3255	https://www.researchtrend.net/ijet/ijet.php	https://www.researchgate.net/profile/Premanand-Kadbe/publication/337673696_Dual_Dielectrically_Modulated_Electrostatically_Doped_Tunnel-FET_for_Biosensing_Applications/links/5e2bfb992851c3aadd7e2b5/Dual-Dielectrically-Modulated-Electrostatically-Doped-Tunnel-FET-for-Biosensing-Applications.pdf	Google Scholar
98	Studies on preparation of fruit bar from papaya and guava	S. B. Lande	E&TC Engineering	Journal of Pharmacognosy and Phytochemistry	2019-20	2278-4136	https://www.phytojournal.com/	https://www.phytojournal.com/archives?year=2019&vol=8&issue=4&ArticleId=9448	Scopus
99	Dielectric Relaxation and FTIR Studies on Molecular Interaction between Ethylene Glycol Monobutyl Ether with Bromobenzene and Chlorobenzene	A. S. Disale, P. B. Undre, S. A. Yaseen, F. A. Saif, A. S. Alameen, S. S. Patil & P. W. Khirade	General Sciences and Engineering	Integrated Ferroelectrics An International Journal	2019-20	1058-4587	https://www.tandfonline.com/journals/ginf20	https://www.tandfonline.com/doi/abs/10.1080/10584587.2019.1674825	Scopus
100	Hydrothermal growth and humidity-dependent electrical properties of molybdenum disulphide nanosheets	Nitin T Shelke, S. C Karle, B. R. Karche	General Sciences and Engineering	Journal of Nanoscience and Nanotechnology	2019-20	1533-4899	http://www.aspbs.com/jnn/	https://pubmed.ncbi.nlm.nih.gov/30913830/	Scopus
101	E Bike Performance Improvement	Devshete M. V, Divase P. D, Dhavale A. D, Shinde S. A and Mahadik S. C,	Mechanical	International Research Journal of Engineering and Technology (IJRET)	2019-20	2395-0056	https://www.ijret.net/archives/V6/i12/IJRET-V6i1274.pdf	https://www.ijret.net/archives/V6/i12/IJRET-V6i1274.pdf	Google Scholar
102	Implementation of DTC Controlled PMSM Driven by A Matrix Converter	S. K. Shinde	Computer	International Journal of Recent Technology and Engineering (IJRTE)	2019-20	2277-3878	https://www.ijrte.org/wp-content/uploads/papers/v8i5/	https://www.scopus.com/sourceid/21100889873	Scopus
103	Remote Operated Floor Cleaner:- An Ease In Floor Cleaning	Mahadik S. C., Tupe Raviraj, Khengare Sharad, Patil Akshay and Doshi Nikhil	Mechanical	International Journal of Research and Analytical Reviews, ISSN(E) 2348-1268	2018-19	2348-1269	https://www.ijrar.org/viewfull.php?&p_id=IJRAR19K2069	https://www.ijrar.org/viewfull.php?&p_id=IJRAR19K2069	Google Scholar
104	Combustion Characteristics of Biomethane-Diesel Dual Fueled CI Engine With Exhaust Gas Recirculation	Macintora S. Gaikwad, Keshav M. Jadhav, Avinash H. Kolekar and Parshuram R. Chitranar	Mechanical	Biofuels, 12 (4), 369-379	2018-19	1759-7277	https://www.tandfonline.com/doi/abs/10.1080/17597269.2018.1479136	https://www.tandfonline.com/doi/abs/10.1080/17597269.2018.1479136	Scopus, Web of Science
105	Thermal performance evaluation of solar air heater using combined square and equilateral triangular rib roughness	V. B. Gawande, A. S. Dhoble, D. B. Zodpe & S. G. Fale	Mechanical	Australian Journal of Mechanical Engineerin, pp- 1-21, ISSN-2204-2253	2018-19	2204-2253	https://www.tandfonline.com/doi/abs/10.1080/14484846.2018.1519986	https://www.tandfonline.com/doi/abs/10.1080/14484846.2018.1519986	Scopus, Web of Science
106	A comparative analysis of thermo-hydraulic performance of a roughened solar air heater using various rib shapes	Vipin B. Gawande, A. S. Dhoble, D. B. Zodpe & Chidanand Mangrulkar	Mechanical	Australian Journal of Mechanical Engineerin, pp- 1-12, ISSN-2204-2254	2018-19	2204-2253	https://www.tandfonline.com/doi/10.1080/14484846.2018.1525171	https://www.tandfonline.com/doi/10.1080/14484846.2018.1525171	Scopus, Web of Science
107	Behavior of RC T-Beam strengthened using basalt fiber reinforced polymer (FRP) sheet	Surwase H.,Narule, G. N.	Civil Engineering	International Research Journal of Engineering and Technology	2018-19	2395-0072	https://www.ijret.net/	https://www.ijret.net/volume6-issue6	UGC approved
108	Diabetic Retinopathy, an Eye Disease Prediction System: Survey	Gyankamal Jitendrakumar Chhajed	COMPUTER	International Journal for Research in Applied Science & Engineering	2018-19	2321- 9653	www.ijraset.com/files/serve.php?FID=19595	http://doi.org/10.22214/ijraset.2019.1035	Google Scholar/researchgate
109	Minimum distortion secured binary image steganography	Gyankamal Jitendrakumar Chhajed	COMPUTER	of Scientific Development and Research	2018-19	2455- 2631	www.ijedr.org	www.ijedr.org/papers/IJSDR1905038.pdf	researchgate
110	Diabetic Retinopathy, an Eye Disease Prediction System: Survey	Gyankamal Jitendrakumar Chhajed	COMPUTER	International Journal for Research in Applied Science & Engineering	2018-19	2321- 9653	www.ijraset.com/files/serve.php?FID=19595	http://doi.org/10.22214/ijraset.2019.1035	Google scholar/researchgate

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111	Diabetic Retinopathy, An Eye Disease Prediction System using Convolutional Neural Network	Gyankamal Jitendrakumar Chhajed	COMPUTER	International Journal for Research in Applied Science & Engineering	2018-19	2321- 9654	www.ijraset.com	www.ijraset.com/files/serve.php?FID=21714	Google scholar/researchgate
112	Binary Image Steganography using Flipping Distortion Technique	Gyankamal Jitendrakumar Chhajed	COMPUTER	International Journal for Research in Applied Science & Engineering	2018-19	2321- 9653	www.ijdsr.org	www.ijdsr.org/papers/IJSDR1905038.pdf	Google scholar/researchgate
113	A computationally efficient model for determining sound speed in shallow tropical freshwater systems with field validation	J. S. Rangole	E&TC Engineering	Lakes and Reser. 2019, Wiley publisher	2018-19	1440-1770	https://onlinelibrary.wiley.com/journal/14401770	https://onlinelibrary.wiley.com/doi/epdf/10.1111/lre.12255	SCOPUS
114	Controller based automatic saline infusion pump	Rajveer Shastri	E&TC Engineering	International Journal of Emerging Technologies and Innovative Research	2018-19	2349-5162	https://www.jetir.org/index.html	http://doi.one/10.1729/Journal.31584	UGC approved
115	Insights of Solar Power System for Home Appliances	Rajveer Shastri	E&TC Engineering	International Journal of Emerging Technologies and Innovative Research	2018-19	2349-5162	https://www.jetir.org/index.html	http://doi.one/10.1729/Journal.31585	UGC approved
116	Genetic Algorithm Based Imperceptible Spatial Domain Image Steganography Technique with High Payload Capacity	R.S Bichkar	E&TC Engineering	International Journal of Recent Technology and Engineering (IJRTE)	2018-19	2277-3878	https://www.ijrte.org/	https://www.ijrte.org/wp-content/uploads/papers/v7i5/E2055017519.pdf	Scopus
117	Studies on nutritional and sensory qualities of foxtail millet chakli	S. B. Lande	E&TC Engineering	International Journal of Food Science and Nutrition	2018-19	2455-4898	http://www.foodsciencejournal.com/	https://www.researchgate.net/profile/U-Chavan/publication/335947311_Studies_on_nutritional_and_sensory_qualities_of_foxtail_millet_chakli/links/5d84f3bfa6d6cc8fd6ff845d/Studies-on-nutritional-and-sensory-qualities-of-foxtail-millet-chakli.pdf	Google Scholar
118	Effect of Sm ³⁺ substitution on the structural and magnetic properties of Ni-Co nanoferrites	M. K. Kokare, Nitin A. Jadhav, Vijay Singh and S. M. Rathod	General Sciences and Engineering	Optics and Laser Technology	2018-19	0030-3992	https://www.sciencedirect.com/journal/optics-and-laser-technology/about/abstracting-and-indexing	https://www.sciencedirect.com/science/article/abs/pii/S0030399218316360	Scopus/ Web of Science
119	Luminescence and ESR study of Gd ³⁺ doped Ca ₃ Al ₂ O ₆ phosphor	Vijay Singh, N. Singh, M. S. Pathak, V. Natarajan, and Nitin A. Jadhav	General Sciences and Engineering	Optik - International Journal for Light and Electron Optics	2018-19	0030-4026	https://www.sciencedirect.com/journal/optik	https://www.sciencedirect.com/science/article/abs/pii/S0030402618313160	Scopus/ Web of Science
120	Photoluminescence and electron paramagnetic resonance properties of UV-B light emitting Gd ³⁺ activated Y ₂ O ₃ phosphor prepared by sol-gel	Vijay Singh, N. Singh, M. S. Pathak S. Watanabe, T. K. Gundu Rao Nitin A. Jadhav and Young-Wan	General Sciences and Engineering	Optik - International Journal for Light and Electron Optics	2018-19	0030-4026	https://www.sciencedirect.com/journal/optik	https://www.sciencedirect.com/science/article/abs/pii/S0030402618311914	Scopus/ Web of Science
121	Hydrothermal growth of MoSe ₂ nanoflowers for photo- and humidity sensor applications	Nitin T Shelke, D. J. Late	General Sciences and Engineering	Sensors and Actuators A Physical	2018-19	0924-4247	https://www.sciencedirect.com/journal/sensors-and-actuators-a-physical	https://www.sciencedirect.com/science/article/abs/pii/S0924424719306685#:~:text=The%20MoSe2%20nanoflowers%20based,were%20observed%20for%20the%20sample	Scopus
122	Optimal Performance of Mechanical Load Factor for the Solar Photovoltaic Electromechanical System	Todkari V. C., Ashwini Kumar, Kaushik V. R.	Mechanical	IRJET, 6,(5), 553-560.	2018-19	2395-0072	https://www.researchgate.net/publication/333033563_Optimal_Performance_of_Mechanical_Load_Factor_for_the_Solar_Photovoltaic_Electromechanical_System	https://www.researchgate.net/publication/333033563_Optimal_Performance_of_Mechanical_Load_Factor_for_the_Solar_Photovoltaic_Electromechanical_System	Google Scholar
123	Heat Transfer and Fluid Flow Characteristics of Three Sides Inclined Roughened Solar Collectors	Todkari V. C., Ashwini Kumar, Kaushik V. R.	Mechanical	JETIR, 6,(5), 10-22	2018-19	2349-5162	https://www.researchgate.net/publication/333103623_Heat_Transfer_and_Fluid_Flow_Characteristics_of_Three_Sides_Inclined_Roughened_Solar_Collectors	https://www.researchgate.net/publication/333103623_Heat_Transfer_and_Fluid_Flow_Characteristics_of_Three_Sides_Inclined_Roughened_Solar_Collectors	Google Scholar
124	IN-VIVO Anti-bacterial Effectiveness of Nanotextured Titanium Implant Surfaces	C R Friedrich, E Baker, Bhole S. M., D Justin	Mechanical	Orthopedic Proceedings (2019), The British Editorial Society of Bone & Joint	2018-19	2049-4416	https://online.boneandjoint.org.uk/doi/abs/10.1302/1358-992X.2019.4.043	https://online.boneandjoint.org.uk/doi/abs/10.1302/1358-992X.2019.4.043	Google Scholar
125	Comparative study of ultimate load for castellated and plain-webbed beams	Morkhade S.G., Shaikh S., Kumbhar A., Shaikh A., Tiwari A.	Civil Engineering	International Journal of Civil Engineering and Technology	2018-19	0976-6308	http://iaeme.com/Home/issue/IJCIET?Volume=9&Issue=8	https://iaeme.com/Home/article_id/IJCIET_09_08_148	SCOPUS
126	Nighttime Vehicle Detection System Using Bio-Inspired Image Enhancement	Gyankamal Jitendrakumar Chhajed	COMPUTER	Journal of Network and Innovative Computing	2018-19	2160-2174	https://docplayer.net/224972254-Nighttime-vehicle-detection-system-using-bio-inspired-image-enhancement-harshada-h-badave-1-gyankamal-j-chhajed-2.html	https://docplayer.net/224972254-Nighttime-vehicle-detection-system-using-bio-inspired-image-enhancement-harshada-h-badave-1-gyankamal-j-chhajed-2.html	Google Scholar/researchgate
127	Automatic Quality Assessment Of Echocardiography In Apical Four Chamber	Gyankamal Jitendrakumar Chhajed	COMPUTER	International Journal for Research in Engineering Application & Technology	2018-19	2454-9150	www.ijream.org	www.ijream.org/papers/ICRET00045.pdf	Google Scholar/researchgate
128	Studies on polarization effect of polyethylene-based polymer electrolyte in dye and quantum dot sensitized solar cells	Karan Surana Nitin A. Jadhav Pramod K. Singh B. Bhattacharya	General Sciences and Engineering	Applied Nanoscience	2018-19	2190-5517	https://www.springer.com/journal/13204	https://link.springer.com/article/10.1007/s13204-018-0887-5	Scopus/ Web of Science

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SN	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/Scopus/Web of Science/other, mention
129	PL and ESR Study on UVB-Emitting Gadolinium-Doped BaMgAl ₁₀ O ₁₇ Hexagonal Phase Obtained by Combustion Synthesis	Vijay Singh, N. Singh, M. S. Pathak, V. Natarajan, and Nitin A. Jadhav,	General Sciences and Engineering	Journal of Electronic Material	2018-19	0361-5235	https://www.springer.com/journal/11664	https://link.springer.com/article/10.1007/s11664-018-6676-9	Scopus/ Web of Science
130	Effect of NiO-Fe ₂ O ₃ Doping on Structural and Magnetic Properties of NiO. 5CoO. 5Fe ₂ O ₄ Nanocrystalline Ferrites Synthesized by Sol-gel Auto Combustion.	M. K. Kokare, Nitin A. Jadhav, Yogesh Kumar, K. M. Jadhav, S. M. Rathod	General Sciences and Engineering	Journal of alloys and compounds	2018-19	0925-8388.	https://www.sciencedirect.com/journal/journal-of-alloys-and-compounds	https://www.sciencedirect.com/science/article/abs/pii/S0925838818310363	Scopus/ Web of Science
131	Analysis of the effects of use of thermal energy storage device (TESD) in solar air heater	Amol Wadhwan, A. S. Dhoble, V. B. Gawande	Mechanical	Alexandria Engineering Journal, pp-1173-1183 ISSN-1110.	2018-19	1110-0168	https://www.sciencedirect.com/science/article/pii/S1110016817301072	https://www.sciencedirect.com/science/article/pii/S1110016817301072	Scopus, Web of Science
132	Crow search algorithm with discrete wavelet transform to aid Mumford Shah inpainting model	Patil B.H	E&TC Engineering	Evolutionary Intelligence	2018-19	1864-5917	https://www.springer.com/journal/12065	https://doi.org/10.1007/s12065-018-0160-6	Scopus
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134	Axial behavior of CFRP wrapped RC columns of different shapes with constant slenderness ratio	Narule, G. N., Bambole, A. N.	Civil Engineering	International Journal of Structural Engineering and Mechanics	2017-18	1225-4568	http://www.techno-press.org/?journal=sem	https://doi.org/10.12989/sem.2018.65.6.679	SCOPUS
135	Improving disease prediction by machine learning	Dr. Dinesh Bhagwan Hanchate	COMPUTER	of Research in Engineering and Technology	2017-18	2395- 0056	https://www.irjet.net/archives/V5/I6/IRJET-V5I6288.pdf	https://www.irjet.net/archives/V5/I6/IRJET-V5I6288.pdf	UGC Approved
136	A survey on Nighttime Vehicle Detection System Using by taillights	Gyankamal Jitendrakumar Chhajed	COMPUTER	International Journal of Computer Engineering and Applications	2017-18	2321-3469	https://www.ijcea.com/	https://www.ijcea.com/survey-nighttime-vehicle-detection-system-taillights/	Google Scholar/researchgate
137	Development of Unsupervised Method for Product Aspect Rating Using Customer Reviews	Gyankamal Jitendrakumar Chhajed	COMPUTER	International Journal for Research in Engineering Application &	2017-18	2454-9150	www.ijream.org	https://ijream.org/papers/IJREAMV04I033952.pdf	Google Scholar/researchgate
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139	Combustion characteristics of biomethane–diesel dual-fueled CI engine with exhaust gas recirculation	Machindra S Gaikwad, Keshav M Jadhav, Avinash H Kolekar, Parashuram R Chitrnanar	Mechanical	Biofuels 12 (4), 369-379	2017-18	1759-7277	https://www.tandfonline.com/doi/abs/10.1080/17597269.2018.1479136	https://doi.org/10.1080/17597269.2018.1479136	Scopus, Web of Science
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143	Rapid Heat Treatment for Anatase Conversion of Titania Nanotube Orthopedic Surfaces	Bhosle S. M., Friedrich C. R.	Mechanical	Journal of Nanotechnology 28:40, Thomson Reuter's Impact	2017-18	0957-4484	https://iopscience.iop.org/article/10.1088/1361-6528/aa8399/meta	https://iopscience.iop.org/article/10.1088/1361-6528/aa8399/meta	Google Scholar
144	Convolutional neural network based encoder-decoder architectures for semantic segmentation of plants	Shrikrishna Kolhar, Jayant Jagtap	E&TC Engineering	Ecological Informatics	2021	1574-9541	https://www.sciencedirect.com/journal/ecological-informatics	https://www.sciencedirect.com/science/article/abs/pii/S1574954121001643	SCIE