Criterion 3

3.3 Research Publication and Awards

3.3.1 Number of Research Papers Published per Teacher in the Journals Notified on UGC Care List during the Last Five Years

Sr. No.	Parameter	Academic Year	Number of Research papers
1		2022-23	18
2		2021-22	07
3	Research Papers	2020-21	01
4		2019-20	12
5		2018-19	10

Academic Year 2022-2023

Sr. No.	Title of Paper	Name of the Author/s	Name of Journal	ISSN	Link to Paper Published of the Journal
1	Health Monitoring of Milling Tool Inserts Using CNN Architectures Trained by Vibration Spectrograms	Mrs. Sonali S. Patil	Computer Modelling in Engineering and Sciences	1526-1492	https://www.techscience.com/CMES/v136n1/51215
2	Effects of machining parameters on dry turning operation of Nickel 200 alloy	Dr. Sachin Mutalikdesai	International Journal on Interactive Design and Manufacturing	1955-2513	https://link.springer.com/article/10.1007/s12008-023-01442-1#:~:text=The%20maximum%20level%20of%20spindle,induces%20a%20higher%20cutting%20force.
3	Spatio–Temporal Attention based Real-Time Environmental Monitoring Systems for Landslide Monitoring and Prediction	Dr. Anjali Joshi	Spatial Information Research	2366-3294	https://link.springer.com/article/10.1007/s41324-023-00532-2
4	Impact of Variation in Geotachnical Properties of Backfill Material on the Serviceability of Cantilever Earth Retaining Structure : A Case Study	Mr. Atul P. Khatri	European Chemical bulletin	2063-5346	https://www.eurchembull.com/uploads/paper/0718e35278e18db29d4a1b1d52e3f8c9.pdf
5	Fusion-Based Representation Learning Model for Multimode User-Generated Social Network Content	Dr. Anjali Joshi	Journal of Data and Information Quality	1936-1963	https://dl.acm.org/doi/10.1145/3603712

Sr. No.	Title of Paper	Name of the Author/s	Name of Journal	ISSN	Link to Paper Published of the Journal
6	A Secure Storage Management & Auditing Scheme for Cloud Storage	Mr. Subhash G. Rathod	International Journal on Recent and Innovation Trends in Computing and Communication	2321-8169	https://ijritcc.org/index.php/ijritcc/article/view/6765
7	A Secure Storage Management & Auditing Scheme for Cloud Storage	Mr. Ashish K. Bhise	International Journal on Recent and Innovation Trends in Computing and Communication	2321-8169	https://ijritcc.org/index.php/ijritcc/article/view/6765
8	A Secure Storage Management & Auditing Scheme for Cloud Storage	Mr. Nisar S. Shaikh	International Journal on Recent and Innovation Trends in Computing and Communication	2321-8169	https://ijritcc.org/index.php/ijritcc/article/view/6765
9	A Secure Storage Management & Auditing Scheme for Cloud Storage	Mr. Yogesh B. Dongare	International Journal on Recent and Innovation Trends in Computing and Communication	2321-8169	https://ijritcc.org/index.php/ijritcc/article/view/6765

Sr. No.	Title of Paper	Name of the Author/s	Name of Journal	ISSN	Link to Paper Published of the Journal
10	A Secure Storage Management & Auditing Scheme for Cloud Storage	Mr. Suhas R. Kothavle	International Journal on Recent and Innovation Trends in Computing and Communication	2321-8169	https://ijritcc.org/index.php/ijritcc/article/view/6765
11	Sub-zero Quasi-static and Fatigue Behaviour of SAE 1040 Automotive Anti-roll Bars in Flexure	Mr. Amol S. Bhanage	SAE International Journal of Passenger Vehicle Systems	2770-3479	https://saemobilus.sae.org/content/15-16-02-0010/
12	Security for Shared Data Over Public Cloud for Maintaining Privacy	Mr. S. G. Rathod	Mathematical Statistician and Engineering Applications	2094-0343	https://www.philstat.org/index.php/MSEA/article/view/1336
13	Experimentation with Novel Factors Affecting Earth Resistance using Taguchi Method	Mrs. M. R. Yashwante (Bhosale)	Journal of The Institution of Engineers (India): Series B	2250-2106	https://doi.org/10.1007/s40031-023-00856-5
14	An Optimal Design for Grounding Grid Configuration with Unequal Conductor Spacing	Mrs. M. R. Yashwante (Bhosale)	Advances in Engineering Software	1873-5339	https://doi.org/10.1016/j.advengsoft.2022.103367

Sr. No.	Title of Paper	Name of the Author/s	Name of Journal	ISSN	Link to Paper Published of the Journal
15	A Novel Approach for Grounding Resistance Estimation Approach for Grounding Resistance Estimation	Mrs. M. R. Yashwante (Bhosale)	Indonesian Journal of Electrical Engineering and Computer Science	2502-4752	http://doi.org/10.11591/ijeecs.v27.i2.pp583-591
16	Dynamic Soil-Structure Interaction of Multi- Story Buildings using the Finite Element Method and Minimax Probability Machine Regression	Mr. Saurav Kar	Engineering, Technology and Applied Science Research	2241-4487	https://etasr.com/index.php/ETASR/article/view/5870
17	Quasi-Static and Fatigue Reliability Analysis of C45 Automotive Leaf Spring Beam Under Flexural Loads in Sub-Zero Temperature	Mr. Amol S. Bhanage	Journal of Failure Analysis and Prevention	2244-2259	https://link.springer.com/article/10.1007/s11668-022-01496-5
18	Quasi-Static and Fatigue Reliability of Glass/Epoxy Composite Automotive Leaf Spring Beams Under Flexural Loads at Sub-Zero Temperatures	Mr. Amol S. Bhanage	Journal of Failure Analysis and Prevention	2244–2259	https://link.springer.com/article/10.1007/s11668-022-01566-8

Academic Year 2021-2022

Sr. No.	Title of Paper	Name of the Author/s	Name of Journal	ISSN	Link to Paper Published of the Journal
1	Attention Layer-Based Multidimensional Feature Extraction for Diagnosis of Lung Cancer	Dr. Manisha Bhende	BioMed Research International	2314-6141	https://www.hindawi.com/journals/bmri/2022/3947434/
2	Classification Of Bioinformatics EEG Data Signals to Identify Depressed Brain State Using CNN Model	Dr. Manisha Bhende	BioMed Research International	2314-6141	https://www.hindawi.com/journals/bmri/2022/5214195/
3	Deep Learning-Based Real-Time Discriminate Correlation Analysis for Breast Cancer Detection	Dr. Manisha Bhende	BioMed Research International	2314-6141	https://www.hindawi.com/journals/bmri/2022/4609625/
4	Identification And Classification of Depressed Mental State for End-User Over Social Media	Dr. Manisha Bhende	Computational Intelligence and Neuroscience	1687-5273	https://www.hindawi.com/journals/cin/2022/8755922/
5	Integrating Multiclass Light Weighted BiLSTM Model for Classifying Negative Emotions	Dr. Manisha Bhende	Computational Intelligence and Neuroscience	1687-5273	https://www.hindawi.com/journals/cin/2022/5075277/
6	Deep Learning Model to Revel New Healthcare Concepts and Improve Performance	Dr. Manisha Bhende	Bulletin of Environment, Pharmacology and Life Sciences	2277-1808	https://bepls.com/april_2022/6.pdf

Sr. No.	Title of Paper	Name of the Author/s	Name of Journal	ISSN	Link to Paper Published of the Journal
7	Application of the IoT To Predict the Patient's Health and Stress Elimination Using Machine Learning Algorithm	Dr. Manisha Bhende	Journal of Optoelectronics Laser	1005-0086	http://www.gdzjg.org/index.php/JOL/article/view/80

Academic Year 2020-2021

Sr. No.	Title of Paper	Name of the Author/s	Name of Journal	ISSN	Link to Paper Published of the Journal
1	Research Perspective on Energy Efficient Protocols in IoT: Emerging Development of Green IoT	Mr. Umakant Tupe	International Journal of Pervasive Computing and Communications	1742-7371	https://www.emerald.com/insight/content/doi/10.1108/IJPCC-10-2019-0079/full/html

Academic Year 2019-2020

Sr. No.	Title of Paper	Name of the Author/s	Name of Journal	ISSN	Link to Paper Published of the Journal
1	Factors affecting epidemic diseases spread and prediction of it	Mr. S. S. Chaudhari	Studia Rosenthaliana (Journal for the Study of Research)	1781-7838	DOI.05.748/JSR/2020.VXIII3/098.09327
2	Brain Tumor Detection And Segmentation	Mrs. S. K. Patil	International Journal for Research & Development in Technology	2349-3585	https://www.ijrdt.org/full_paper/46621/1022/Brain-Tumor-Detection-and-Segmentation
3	Blind Assistant	Mr. S. G. Rathod	Studia Rosenthaliana (Journal for the Study of Research)	1781-7838	https://www.jsrpublication.com/gallery/9-jsr-may-s445.pdf
4	IOT Based Soldier E-JACKET using GPS	Mr. S. S. Chaudhari	Studia Rosenthaliana (Journal for the Study of Research)	1781-7838	https://www.researchgate.net/publication/339787165_IOT_BASED_SOLDIER_E-JACKET_USING_GPS
5	Computerized Adaptive Assessment	Mr. D. B. Satre	Journal of Emerging Technologies and Innovative Research	2349-5162	https://www.jetir.org/view?paper=JETIR1908797
6	Guester based mobile robot controller system	Mr. Umakant Tupe	Studia Rosenthaliana (Journal for the Study of Research)	1781-7838	https://www.jsrpublication.com/gallery/10-jsr-may-s427.pdf

Sr. No.	Title of Paper	Name of the Author/s	Name of Journal	ISSN	Link to Paper Published of the Journal
7	A Knowledge-based Recommendation system using Deep Learning	Mrs. S. S. Muley	Studia Rosenthaliana (Journal for the Study of Research)	1781-7838	https://www.jsrpublication.com/gallery/34-jsr-may-s494.pdf
8	Transaction Authentication Using Face Detection And Invisible Keyboard Sequence	Mrs. S. S. Muley	GIS SCIENCE JOURNAL	1869-9391	https://drive.google.com/file/d/1vHMsQNOosl2SddDm0wQGWRz1oyFLzvf6/view
9	An Efficient Approach to Control the Over Speeding of Vehicles	Mr. S. A. Agrawal	Studia Rosenthaliana (Journal for the Study of Research)	1781-7838	https://www.jsrpublication.com/gallery/33-jsr-april-s426%20(1).pdf
10	Internet Based Room Controller	Mr. P. V. Deshmukh	Studia Rosenthaliana (Journal for the Study of Research)	1781-7838	https://www.jsrpublication.com/gallery/19-jsr-may-s462.pdf
11	Experimental Investigation of SiO2 Coating on the Performance of Solar Pane	Mr. Girish L. Allampallewar	Test Engineering and Management	0193-4120	http://www.testmagzine.biz/index.php/testmagzine/article/view/2169
12	Design and Fabrication of Zero Turn Vehicle	Mr. R. P. Polas	Journal of Gujarat Research Society	0374-8588	http://www.gujaratresearchsociety.in/index.php/JGRS/article/view/589

Academic Year 2018-2019

Sr. No.	Title of Paper	Name of the Author/s	Name of Journal	ISSN	Link to Paper Published of the Journal
1	Numerical and Experimental Investigations on Flexural Fatigue Behaviour of Glass/Epoxy Composite and SAE 1040 Steel Tubes for Automotive Applications	Mr. Amol S. Bhanage	SAE Technical Paper	2688-3627	https://saemobilus.sae.org/content/2019-26-0317/
2	Decomposition Of the Product of Cycles Based on Degree Partition	Dr. S. R. Shaikh	Discussiones Mathematicae Graph Theory	2083-5892	https://www.researchgate.net/publication/326586990_Decomposition_of_the_product_of_cycles_based_on_the_degree_partition
3	Factorizations of the Product of Cycles	Dr. S. R. Shaikh	AKCE International Journal of Graphs and Combinatorics	2543-3474	https://www.tandfonline.com/doi/full/10.1016/j.akcej.2018.06.003
4	Review on Social Media Mental Disorder Detection System	Mr. S. A. Agrawal	International Journal of Computer Engineering and Applications	2321-3469	Not Available
5	Smart Shoes Navigation	Mrs. S.K. Patil	International Journal of Computer Engineering and Applications	2321-3469	Not Available

Sr. No.	Title of Paper	Name of the Author/s	Name of Journal	ISSN	Link to Paper Published of the Journal
6	Interaction with platform Games using Smart Watch	Mrs. D. J. Bonde	International Journal of Computer Engineering and Applications	2321-3469	Not Available
7	Smart Electronic wheelchair using Bluetooth Module and IOT	Mrs. K. S. Surawase	Journal of Emerging Technologies and Innovative Research	2349-5162	https://www.jetir.org/papers/JETIR1902929.pdf
8	A Survey: Machine Learning Approach for Tracking and Predicting Student Performance in Degree Programs	Mr. D. B. Satre	Journal of Emerging Technologies and Innovative Research	2349-5162	https://www.jetir.org/papers/JETIR1902B32.pdf
9	A Parallel System Implementation of Classification and Disease Prediction on Machine Learning from Healthcare Communities	Mr. S. S. Chaudhari	International Journal of Research and Analytical Reviews	2349-5138	http://ijrar.org/viewfull.php?&p_id=IJRAR19J2356
10	Review of Blockchain based Forensics Analysis Secure Node Diagnosis Mechanism of Smart Grid	Mr. S. A. Agrawal	International Journal of Research and Analytical Reviews	2349-5138	http://ijrar.org/viewfull.php?&p_id=IJRAR19J2596