



**3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years (10)1-
Any additional information**

3.3.2.1: Number of research papers in the Journals notified on UGC website during the last five years.

Sl. NO.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to article/paper/ abstract of the article	Document Link
1	Vibrational Spectra Analysis, Nbo, Homo–Lumo, And Nonlinear Optical Behavior Studies On 3-(3, 4-Dimethoxyphenyl)-1-(Pyridin-2-Yl) Prop-2-En-1-One	Dr. Jayarama A	BSH	Monatshefte Für Chemie	2016	0026-9247	https://link.springer.com/article/10.1007/s00706-015-1567-8	View Document
2	Third-Order Nlo Property Of Thienyl Chalcone Derivative: Physicochemical Analysis And Crystal Structure Determination	Dr. Jayarama A		Molecular Crystals And Liquid Crystals	2016	1542-1406	https://www.tandfonline.com/doi/full/10.1080/15421480.2016.1177921	



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3	Structural, Thermal, Linear And Nonlinear Optical Studies Of An Organic Optical Limiter Based On Reverse Saturable Absorption	Dr. Jayarama A		Journal Of Molecular Structure	2016	0022-2860	https://doi.org/10.1016/j.molstruc.2016.04.052	
4	Aluminum MMCS Reinforced With HBN- Review	Dr. Shashi Kumar Kumara Swamy		IAEME	2016	0976-6359	https://www.researchgate.net/profile/Kumari-Ambe-Verma/publication/318947476_Aluminum_MMCS_reinforced_with_HBN-review/links/5f9f81fb92851c14bcfc46dd/Aluminum-MMCS-reinforced-with-HBN-review.pdf	



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5	A Review On Human Cervical Fatigue Measurement Technologies and Data Analysis Methods	Dr. Shashi Kumar Kumara Swamy		IAEME	2016	0976-6359	https://iaeme.com/MasterAdmin/Journal_uploads/IJMET/VOLUME_8_ISSUE_7/IJMET_07_161.pdf
6	Bipyridinium-Bis (Carboxylate) Radical Based Materials: X-Ray, Epr And Paramagnetic Solid-State Nmr Investigations	Dr. Shashi Kumar Kumara Swamy		European Journal Of Inorganic Chemistry	2016	1434-1948	https://onlinelibrary.wiley.com/doi/abs/10.1002/ejic.201501206
7	Synthesis And Characterization Of Polypyrrole Grafted Chitin	Dr. A.T.Ramaprasad		Journal Of Physics And Chemistry Of Solids	2017	0022-3697	https://www.sciencedirect.com/science/article/abs/pii/S0022369716303213
8	Synthesis, Growth, Structural Characterization, Hirshfeld Analysis And Nonlinear Optical Studies Of A Methyl Substituted Chalcone	Dr. Jayarama A		Journal Of Molecular Structure	2017	0022-2860	https://www.sciencedirect.com/science/article/abs/pii/S002228601730100X

QUALITY INDICATOR FRAMEWORK (QIF)

9	Synthesis, Spectral Characterization, Optical And Crystal Structure Studies Of (2e)-1-(4'-Bromobiphenyl4-Yl)-3-(2-Methoxyphenyl)Prop-2-En-1-One	Dr. Jayarama A		International Journal Of Pure And Applied Physics	2017	0973-1776	https://www.ripublication.com/ijpap17/ijpapv13n3_08.pdf
10	Analysis Of The Barriers For Implementing Green Supply Chain Management (Gscm) Particles On Organic Irrigation: An Analytical Hierarchy Process (Ahp) Approach	Dr. Shashi Kumar Kumara Swamy		International Journal Of Mechanical Engineering And Technology (Ijmet)	2017	0976-6340	http://www.iaeme.com/MasterAdmin/Journal_uploads/IJMET/VOLUME_8_ISSUE_7/IJMET_08_07_16_0.pdf
11	Microstructure Characteristics & Mechanical Properties Of Dissimilar Tig Weld Between Stainless Steel And Mild Steel	Dr. Shashi Kumar Kumara Swamy		International Journal Of Mechanical Engineering And Technology (Ijmet)	2017	0976-6340	http://www.iaeme.com/MasterAdmin/Journal_uploads/IJMET/VOLUME_8_ISSUE_7/IJMET_08_07_19_2.pdf
12	Surface Segregation Of Chromium Carbide In Stainless Steel And Its Thermodynamic Stability Study By Cyclic Heat Treatment	Dr. Shashi Kumar Kumara Swamy		International Journal Of Mechanical Engineering And Technology (Ijmet)	2017	0976-6340	http://www.iaeme.com/MasterAdmin/Journal_uploads/IJMET/VOLUME_8_ISSUE_7/IJMET_08_07_19_2.pdf



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							UE 7/IJME T 08 07 19 1.pdf	
13	Morphology And Miscibility Of Chitin-Polyaniline Blend	Dr. A.T.Ramaprasad		CURRENT SCIENCE	2017	0011-3891	https://www.currentscience.ac.in/Volumes/112/12/2415.pdf	
14	Synthesis, Single Crystal Structure And Spectroscopic Aspects Of Chalcone 2(2E)-1-(4-Bromobiphenyl-4-Yl)-3-(2,3-Dimethoxybenzaldehyde) Prop-2-Ene-1-One	Dr. Jayarama A		Chemical Data Collections	2017	2278-3318	https://www.sciencedirect.com/science/article/abs/pii/S2405830017300484	
15	Synthesis, Crystal Structure And Hirshfeld Surface Analysis Of A Novel Chalcone Derivative: (2E)-3-(2,3-Dimethoxyphenyl)-1-(3-Nitrophenyl)Prop-2-En-1-One	Dr. Jayarama A		Chemical Data Collections	2017	2405-8300	https://www.sciencedirect.com/science/article/abs/pii/S2405830017301210	



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16	A study of the effect of chemical treatments on areca fiber reinforced polypropylene composite properties	Dr. Basavaraju Bennehalli		Science and Engineering of Composite Materials	2016-2017	ISSN:21 910359, 033418 1X.	https://doi.org/10.1515/secm-2015-0292	
17	Corrosion Behaviour And Characterisation Of Ni-Nb 2 O 5 Composites Prepared By Pulse Electrodeposition	Mr. Mohan Reddy R		Surface Engineering And Applied Electrochemistry	2016-2017	ISSN:10 683755, 193480 02	https://doi.org/10.3103/S1068375517020090	
18	Numerical InvesNumerical Investigation of heat and mass transfer in radiative magnetohydrodynamic flow with chemical reaction	Dr.Kishor Kumar M.K.		International Journal of Advances in Science and Technology (IJAST)	2016-17	ISSN:20 05-4238	http://sersc.org/journals/index.php/IJAST/article/view/53	
19	Social Network Pruning For Optimal Social Networks: A User Perspective	Dr. Sumith N	CSE	Knowledge Based Systems	2016	0950-7051	https://www.sciencedirect.com/science/article/pii/S0950705116304130	View Document
20	Durability studies on eco-friendly concrete mixes incorporating steel slag as coarse aggregates	Mr. Nitendra Palankar	CV	Journal of Cleaner Production	2016	0959-6526	https://doi.org/10.1016/j.jclepro.2016.04.033	View Document



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21	Effects On The Strength Parameters Of Self-Compacting Concrete Due To The Addition Of Nylon And Basalt Fibres	Mr. Adithya Shenoy	CV	International Journal Of Civil Engineering And Technology	2017	ISSN Print: 0976-6308 & ISSN Online: 0976-6316	https://iaeme.com/Home/article_id/IJCIET_08_06_069	
22	Economical Design Of A Single Span Long Cylindrical Shell Roof With Edge Beam Using The Schorer Theory	Mr. B. Durga Prasad Baliga	CV	International Journal Of Civil Engineering And Technology	2017	ISSN Print: 0976-6308 & ISSN Online: 0976-6316	https://iaeme.com/Home/article_id/IJCIET_08_11_003	
23	Buckling Safety Analysis Of Cylindrical Shell Roof With Edge Beam	Mr. B. Durga Prasad Baliga	CV	International Journal Of Civil Engineering And Technology	2017	ISSN Print: 0976-6308 & ISSN Online: 0976-6316	https://iaeme.com/Home/article_id/IJCIET_08_11_023	
24	The Role Of Ar Plasma Treatment In Generating Oxygen Vacancies In Indium Tin Oxide Thin Films Prepared By The Sol-Gel Process ,	Dr. Mirnmoy Misra	ECE	Applied Surface Science,	2016-17	Volume 405, 31 May 2017, Pages 344-349	https://doi.org/10.1016/j.apsusc.2017.02.007	View Document



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25	Enhanced Visible-Light-Driven Photocatalytic Activity Of Au@Ag Core-Shell Bimetallic Nanoparticles Immobilized On Electrospun Tio ₂ Nanofibers For Degradation Of Organic Compounds	Dr. Mirnmoy Misra	ECE	Catalysis Science & Technology	2016-17	Vol.7, pp. 570 – 580.	https://doi.org/10.1039/C6CY02085B	
26	Private Network Forming Routing Protocol For Adhoc Networks	Mr. Nagesh UB	ISE	International Conference On Advanced Computing	2016	16232703	https://ieeexplore.ieee.org/abstract/document/7544912	
27	Data Deduplication For Non Secure Text And Doc Files In Cloud	Mr. Sudheer Shetty	ISE	International Journal Of Computer Science And Mobile Computing	2016	2320-088X,	https://www.ijcsmc.com/docs/papers/April2016/V5I4201699a23.pdf	View Document



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28	Privacy Preserving Data Mining In Big Data By Using K-Means Clustering Algorithm	Mr. Sudheer Shetty	ISE	International Journal Of Computer Science And Mobile Computing	2016	2320-088X	https://library.net/document/zlm4ndry-privacy-preserving-data-mining-data-using-clustering-algorithm.html	
29	Humps And Pothole Detection And Alerting System For Safe Journey”	Mr. Sudheer Shetty	ISE	International Research Journal Of Engineering And Technology	2016	2395 - 0056	https://www.irjet.net/archives/V3/i5/IRJET-V3I5592.pdf	
30	Extracting Accurate Answers For Users Query To Enhance User Satisfaction	Dr. Kiran Malagi B	ISE	International Journal Of Latest Trends In Engineering And Technology	2016	2278-621X	https://www.ijltet.org/journal/14715937275787.pdf	
31	Welding Of Sn And Cu Plates Using Controlled Underwater Shock Wave	Dr. Satyanarayan	ME	IOP Science Publishing: Materials Science And Engineering	2016	1757-8981	https://iopscience.iop.org/article/10.1088/1757-899X/149/1/012090	View Document



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32	Microstructural Evolution In WC-Co Cermet Reinforced Al7075 Metal Matrix Composites By Stir Casting	Mr. Gopal Krishna U B	ME	Materials Today Proceedings	2016	1757-8981	https://iopscience.iop.org/article/10.1088/1757-899X/149/1/012090/meta	
33	Microstructure and Mechanical Properties of Cu-Coated Al ₂ O ₃ Particulate Reinforced 6061 Al Metal Matrix composite	Mr. Mithun B R	ME	Materials Today Proceedings	2016	2214-7853	https://doi.org/10.1016/j.matpr.2017.08.060	