

List of research papers published by faculty members of Government of Science, Gadchiroli

Sr. No .	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Journal Link	Link to the recognition in UGC enlistment of the Journal
1	Microbial diversity of the Arabian Sea in the oxygen minimum zones by metagenomics approach	Mandar S. Paingankar, Kedar Ahire, Pawan Mishra, Shriram Rajpathak and Deepti D. Deobagkar	Zoology	Current Science; 2020	2019-20	ISSN 0011-3891	https://www.biorxiv.org/content/10.1101/731828v1.full.pdf	https://www2.scopus.com/sourceid/20699
2	Facile Synthesis, Characterization and Antimicrobial Activities of Novel 6-AminoTriazolo-Thiadiazoles Integrated with Benzofuran and Pyrazole Moieties	MOHAMMAD IDREES SATISH S. KOLA and NAQUI J. SIDDIQUI	Chemistry	ORIENTAL JOURNAL OF CHEMISTRY 2019, Vol. 35, No.(6): Pg. 1712-1717	2019-20	0970-020X	http://www.orientchem.org/vol35no6/facile-synthesis-characterization-and-antimicrobial-activities-of-novel-6-aminotriazol-or-thiadiazoles-integrated-with-benzofuran-and-	https://www2.scopus.com/sourceid/1900154394

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							pyrazole-moieties/	
3	Synthesis and Antimicrobial Screening of Some New 5-Oxo-imidazoline Derivatives Containing Benzofuran, Pyrazole and Quinoline Entities	M. Idrees1, Satish Kola , Naqui J. Siddiqui1	Chemistry	Indian Journal of Heterocyclic Chemistry Vol. 29 - Number 04 (Oct-Dec 2019) 379-387	2019-20	ISSN (Online) : 2456-4311 (print)0971-1627	http://www.connectjournals.com/toc2.php?abstract=3022604H_1_IJHC-3704_379-387a.pdf&&bookmark=CJ-001644&&issue_id=04&&yaer=2019	https://www2.scopus.com/sourceid/24112
4	Synthesis, Characterization and in vitro Antimicrobial Screening of Some Novel Series of 2-Azetidinone Derivatives Integrated with Quinoline, Pyrazole and Benzofuran Moieties	M. IDREES, Y.G. BODKHE, N.J. SIDDIQUI and S.S. KOLA	Chemistry	Asian Journal of Chemistry; Vol. 32, (2020)	2019-20	0970-7077	http://www.asianjournalofchemistry.com.in/user/journal/viewarticle.aspx?ArticleID=32_4_27	https://www.scopus.com/sourceid/22703
5	Preparation and characterization of activated Charcoal derived from wood apple fruit Shell	P. D. Ashtaputrey and S. D. Ashtaputrey	Chemistry	Journal of Scientific Research	2029-20	0447-9483	http://www.bhu.ac.in/research_arch_pub/jsr/Volumes/JSR_64_01_20/20/46.pdf	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101003096&flag=Search

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6	Glass in the water: Molecular phylogenetics and evolution of Indian glassy perchlets (Teleostei: Ambassidae).	Verma, C.R., Kumkar, P., Raghavan, R., Katwate, U., Paingankar, M.S. and Dahanukar,	Zoology	Journal of Zoological Systematics and Evolutionary Research; 57 (3), 623-631	2018-19	Online ISSN:1439-0469	https://online.library.wiley.com/doi/abs/10.1111/jzs.12273	https://www2.scopus.com/sourceid/22605
7	AN EFFICIENT SYNTHESIS OF SOME NOVEL BIOACTIVE AZETIDINONE DERIVATIVES INCLUDING 5-(BENZOFURAN-2-YL) AND 1-PHENYL-1H-PYRAZOLE-3-CARBOXAMIDE MOIETY	M. Idrees , S. Kola and N. J. Siddiqui	Chemistry	International J Pharmaceutical sciences and Research, IJPSR, 2019; Vol. 10(3): 1214-1222.	2018-19	2320-5148	http://ijpsr.com/bft-article/an-efficient-synthesis-of-some-novel-bioactive-azetidinone-derivatives-including-5-benzofuran-2-yl-and-1-phenyl-1h-pyrazole-3-carboxamide-moiety/	https://www2.scopus.com/sourceid/21100852976
8	SYNTHESIS, CHARACTERIZATION AND ANTIMICROBIAL SCREENING OF SOME NOVEL 5-(BENZOFURAN-2-YL)-N'-(2SUBSTITUTED-4-OXOTHIAZOLIDIN-	M. Idrees, S. Kola and N. J. Siddiqui	Chemistry	Rasayan J. Chem.Vol. 12 No. 4 1725 - 1733 October - December 2019	2018-19	ISSN: 0974-1496 e-ISSN: 0976-0083	https://rasayanjournal.co.in/admin/php/upload/764.pdf.pdf	https://www2.scopus.com/sourceid/19400157518

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	3-YL)-1-PHENYL-1HPYRAZOLE-3-CARBOXAMIDE DERIVATIVES							
9	Ferroelectric behavior in nanocrystalline KNbO ₃ synthesized by a modified polymerized complex method	C. M. Dudhe , Shailendra J. Khambadkar & Pankaj Koinkar	Physics	Ferroelectrics, 2018, VOL. 531, 157–166	2018-19	0015-0193	https://www.tandfonline.com/doi/abs/10.1080/00150193.2018.1497415?journalCode=gfer20	https://www.scopus.com/sourceid/27571
10	Characterization and photoluminescence of Dy ³⁺ doped CaTiO ₃ nanoparticles prepared by sol-gel method	Punam Thakura, S J Khambadkara, Avish Patila, C M Dudhe , Pooja Thombarea & A A Chaudharya	Physics	Indian Journal of Pure & Applied Physics, Vol. 56, November 2018, pp. 853-858	2018-19	0019-5596	http://op.niscair.res.in/index.php/IJPA/article/view/17914	https://www.scopus.com/sourceid/28036
11	Synthesis of Novel Series of Quinolino[3,2f][1,2,4]triazolo[3,4b][1,3,4]thiadiazepines Derivatives Incorporated with 3[5(benzofuran2yl)1phenyl1Hpyrazol3yl] Moiety as Potent Antimicrobial Agent	M. Idrees, S. Kola and N.J. Siddiqui	Chemistry	Asian Journal of Chemistry; Vol. 30, 9 (2018), 2129-2133	2018-19	0970-7077	http://www.asianjournalofchemistry.com/user/journal/viewarticle.aspx?ArticleID=30_9_35	https://www.scopus.com/sourceid/22703

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12	AN EFFICIENT SYNTHESIS OF 2,4,5-TRIARYL-1H-IMIDAZOLE USING SnO ₂ /SiO ₂ NANOCOMPOSITE CATALYST	Chandrashekhar G. Devkate, Satish S. Kola , Digambar D. Gaikwad , Mohammad Idrees M. Siddique	Chemistry	INTERNATIONAL RESEARCH JOURNAL OF PHARMACY	2018-19	2230-8407	https://irjponline.com/admin/php/uploads/3115_pdf.pdf	https://www.scopus.com/sourceid/21100465007
13	ULTRASOUND PROMOTED ONE POT SYNTHESIS OF 1,5-BENZOTHAZEPINE S USING POLYETHYLENE GLYCOL (PEG-400)	Chandrashekhar G. Devkate, Satish S. Kola , Digambar D. Gaikwad, Mohammad Idrees M. Siddique	Chemistry	INTERNATIONAL RESEARCH JOURNAL OF PHARMACY	2018-19	2230-8407	https://archives.ourheritagejournal.com/index.php/oh/article/view/7532	https://www2.scopus.com/sourceid/21100465007
14	Impact of Pulp density on extraction of metals, by acidithiobacillus ferrooxidans and pseudo fluorescence from Bauxite ore	Shaikh S. M., A. A. Ahemad and Syed Abrar Ahmed	Botany	J. Pure and appl Microbiology 12, 1647-1654	2018-19	0973-7510	https://microbiologyjournal.org/impact-of-pulp-density-on-extraction-of-metals-by-acidithiobacillus-ferrooxidans-and-pseudomonas-fluorescens-from-bauxite-ore/	https://www2.scopus.com/sourceid/11700154322

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15	Molecular phylogeny unveils hidden diversity of hillstream loaches (Cypriniformes: Cobitoidea) in the northern Western Ghats of India.	A Keskar, R Raghavan, M.S. Paingankar , P Kumkar, U Katwate, S Jadhav, Dahanukar N.	Zoology	Meta Gene; 17: 237-248	2018-19	2214-5400	https://www.sciencedirect.com/science/article/pii/S2214540018301476?via%3Dihub	https://www2.scopus.com/sourceid/21100283722
16	Pollution and environmental stressors modulate the microbiome in estuarine mangroves: a metagenome analysis	Paingankar, M.S. and Deobagkar, D.D.	Zoology	Current Science; 115 (8): 1525-1535	2018-19	ISSN 0011-3891	https://www.currentscience.ac.in/Volumes/115/08/1525.pdf	https://www2.scopus.com/sourceid/20699
17	Altered microRNA expression signature in Chikungunya-infected mammalian fibroblast cells.	Parashar, D., Paingankar, M.S. , More, A., Patil, P., Amdekar, S.	Zoology	Virus genes; 54 (4): 502-513	2018-19	ISSN: 0920-8569 (Print) 1572-994X (Online)	https://link.springer.com/article/10.1007/s11262-018-1578-8	https://www2.scopus.com/sourceid/20887
18	Oxygen vacancy dependent structural phases in KNbO ₃	C.M. Dudhe , S.J. Khambadkar	Physics	Mater letters 216, 97-100	2017-18	0167577X	https://www.sciencedirect.com/science/article/pii/S0167577X18300132	https://www.scopus.com/sourceid/28697
19	Synthesis And In Vitro Antimicrobial Evaluation Of Some 1, 3, 4 Oxadiazoles Incorporated With 5(5(5(Benzofuran-2-yl)-1-phenyl-1H-pyrazol-3-yl)-1, 3,	Mohammad Idrees, S. Kola , N. J. Siddiqui	Chemistry	Asian Journal of Research in Chemistry and Pharmaceutical Sciences. 6(1), 2018, 35-46.	2017-18	2349-7106	http://www.ajrcps.com/article/SYNTHESIS%20AND%20ANTIMICROBIAL%20EVALUATION%20OF%20SOME%201,3,4%20OXADIAZOLES%20INCORPORATED%20WITH%205(5(5(BENZOFURAN-2-yl)-1-phenyl-1H-pyrazol-3-yl)-1, 3,	http://www.ajrcps.com/images/UGC-%20Our%20AJRCPSPS%20Journal%20Approved.jpg

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	4Oxadiazol2Ylthio) Methyl Moiety						EVALUATION%20OF%20SOME%201,%203,%204-OXADIAZOLES%20%20INCORPORATED%20WITH%205-(5-(BENZOFURAN-2-YL).pdf	
20	Synthesis and Antimicrobial Assay of Some Novel 4-Thiazolidinone Derivatives Possessing Benzofuran, Quinoline and Pyrazole Moieties	M. IDREES, Y.G. BODKHE and N.J. SIDDIQUI	Chemistry	ASIAN JOURNAL OF CHEMISTRY	2017-18	0970-7077	http://www.asianjournalofchemistry.com/User/ViewFreeArticle.aspx?ArticleID=30_10_40	https://www.scopus.com/sourceid/22703
21	Synthesis Of Some Novel 5 Imidazolones And Its Antimicrobial Activity,	M. Idrees , Yogita G. Bodkhe , Naqui J. Siddiqui	Chemistry	International Research Journal Of Pharmacy, 9 (2), 8589,2018., www.irjponline.com	2017-18	2230-8407	https://irjponline.com/admin/upload/2898_pdf.pdf	https://www2.scopus.com/sourceid/21100465007
22	SOLUTIONS OF SOME LINEAR FRACTIONAL PARTIAL DIFFERENTIAL	RANJIT R. DHUNDE AND G. L. WAGHMARE	Mathematics	Journal of the Indian Math. Soc., Vol. 85, Nos. (3-4), 313-327	2017-18	0019-5839	http://www.informaticsjournals.com/index.php/jims/article/view/	https://www.scopus.com/sourceid/21100259506

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	EQUATIONS IN MATHEMATICAL PHYSICS						20144	
23	First molecular phylogeny of scorpions of the family Buthidae from India.	Suranse, V., Sawant, N. S., Paripatyadar, S. V., Krutha, K., Paingankar, M. S. , Padhye, A. D., Bastawade, D. B. and Dahanukar, N	Zoology	Mitochondrial DNA Part A; http://dx.doi.org/10.3109/24701394.2016.1149830	2016-17	1940-1736 (Print), 1940-1744 (Electronic)	https://www.tandfonline.com/doi/abs/10.3109/24701394.2016.1149830?journalCode=imdn21	https://www.scopus.com/sourceid/12400154743
24	DOUBLE LAPLACE TRANSFORM COMBINED WITH ITERATIVE METHOD FOR SOLVING NON-LINEAR TELEGRAPH EQUATION	RANJIT R. DHUNDE AND G. L. WAGHMARE	Mathematics	Journal of the Indian Math. Soc.	2016-17	0019-5839	http://www.informaticsjournals.com/index.php/jims/article/view/6605	https://www.scopus.com/sourceid/21100259506
25	Double Laplace Transform Method for Solving Space and Time Fractional Telegraph Equations	RanjitR.Dhunde and G.L.Waghmare	Mathematics	Int.Journal of Mathematics and Mathematical Sciences http://dx.doi.org/10.1155/2016/1414595	2015-16	0161-1712	https://www.hindawi.com/journals/ijms/2016/1414595/	https://www.scopus.com/sourceid/130103

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26	Length-weight and length-length relationships of seven loach species (Teleostei: Cypriniformes) from five localities in northern Western Ghats, India.	Keskar, A., Kumkar, P., Paingankar, M. S. , Padhye, A. and Dahanukar, N.	Zoology	Journal of Threatened Taxa 7(15): 8205–8220	2015-16	0974-7907(online) 0974-7893 (print)	https://threatenedtaxa.org/index.php/JoTT/article/view/2462	https://www.scopus.com/sourceid/21100806903
27	Ferroelectric Domains in $\text{Sr}_{0.5}\text{Ba}_{0.5}\text{Nb}_2\text{O}_6$ (SBN50) at Nanolevel	C.M. Dudhe C. P. Chaudhari , S. B. Nagdeote	Physics	Ferroelectrics 482 (2015) 104–112	2015-16	0015-0193	https://www.tandfonline.com/doi/abs/10.1080/00150193.2015.1057080?journalCode=gfer20	https://www.scopus.com/sourceid/27571