

3.3.1 Number of research papers per teachers in the Journals notified on UGC website during the year:Year.2018-19 to 2022-23

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	Link to article/paper/abstract of the article	Is it listed in UGC Care list
Climbers of Valsad Taluka(Gujarat)India	Dr M S Jangid	Botany	IJSART Vol.4-(12) 296-299	2018-2019	2395-1052	http://ijsart.com/	https://petsd.org/ojs/index.php/lifesciencesleaflets/article/view/146/125	No
SOIL STRUCTURE ANALYSIS OF AGRICULTURE LAND OF VIJAPUR AND VISNAGAR TALUKAS OF MEHSANA DISTRICT, NORTHGUJARAT,	Prof H A Patel	Physics	JETIR May 2018, Volume 5, Issue 5	2018-2019	2349-5162)	www.jetir.org	https://www.scholarsresearchlibrary.com/articles/assessment-of-soil-physicochemical-properties-of-conserve-areas-of-north-gujarat-region.pdf	No
Life forms Study of Bahedj Range Forest, Aravalli District, North Gujarat, India	Hasmukh Kharadi	Botany	IJSART - Volume 4 Issue 8 – AUGUST 2018	2018-2019	2395-1052	http://ijsart.com/	https://ijsart.com/Content/PDFDocuments/IJSARTV4I824583.pdf	No
Floristic Assessment Of Kherai Range Forest Of Megharj District Aravalli, North Gujarat,India	Hasmukh Kharadi	Botany	IJSART - Volume 4 Issue 8 – AUGUST 2018	2018-2019	2395-1052	http://ijsart.com/	https://ijsart.com/Content/PDFDocuments/IJSARTV4I824585.pdf	No
Determination of the Probiotics Properties of the Lactic Acid Bacteria Isolated from the Different Homemade Dairy Products	Dr Nikita Charan	Microbiology	Advances in Life Sc	2018-2019	2278-3849	DOI:10.13140/RG.2.2.27540.55684	https://www.researchgate.net/publication/333816864_Determination_of_the_Probiotics_Properties_of_the_Lactic_Acid_Bacteria_Isolated_from_th	Yes

FUNCTIONS OF GENERALIZED BOUNDED VARIATION AND ITS MULTIPLE FOURIER COEFFICIENTS	Dr K N Darji	Maths	PUBLICATIONS DE L'INSTITUT MATHÉMATIQUE	2018-2019	0350-1302	https://doiserbia.nb.rs/img/doi/0350-1302/2018/0350-13021818223D.pdf	https://doiserbia.nb.rs/img/doi/0350-1302/2018/0350-13021818223D.pdf	Yes
Identification, Isolation of Pathogen from Wilted Cumin Plant	Dr Nikita Charan	Microbiology	Trends in bioscience	2018-2019	0974-8431	https://www.cabidigitallibrary.org/doi/full/10.55	https://www.cabidigitallibrary.org/doi/full/10.5555/20203001327	Yes
Generalized improved non-central potential and solution of Schrödinger equation with extended ring-shaped potential via Nikiforov-Uvarov method	Dr R H Parmar	Physics	The European Physical Journal Plus	2019-2020	2190-5444	The European Physical Journal Plus 134(3)	https://link.springer.com/article/10.1140/epjp/i2019-12513-6	Yes
Construction of solvable non-central potential using vector superpotential: a new approach	Dr R H Parmar	Physics	Indian Journal of Physics	2019-2020	0975-1041	Indian Journal of Physics 93(5)	https://link.springer.com/article/10.1007/s12648-019-01401-1	Yes
Analytical Solutions of D-Dimensional Schrödinger Equation for Generalized Exponential Coulombic Potential	Dr R H Parmar	Physics	Communications in Theoretical Physics	2019-2020	1572-9575	Communications in Theoretical Physics 61(4):457	https://www.researchgate.net/publication/339376400_Analytical_Solutions_of_D-Dimensional_Schrodinger_Equation_for_Generalized_Exponential_Coulombic_Potential	Yes
Modification of Guar Gum Waste and its Applications for Removal of Industrial Pollutants	Dr S V Patel	Chemistry	Elixir International Journal	2019-2020	2229-712X	www.elixirpublishers.com	https://www.elixirpublishers.com/articles/1672647118_202010016.pdf	Yes
Poison Plants of Bayad Taluka, District Aravalli, Gujarat India	Dr M S Jangid	Botany	IJSART	2019-2020	2395-1052	http://ijsart.com/	http://ijsart.com/Home/IssueDetail/41820	No

A NOTE ON DOUBLE FOURIER COEFFICIENTS.	Dr K N Darji	Maths	Serdica Mathematical Journal, 2020, Vol 46, Issue 2, p101	2019-20	1310-6600	https://openurl.ebsco.com/EPDB%3Agcd%3A7%3A3976359/detailv2?sid=ebsco%3Aplink%3Ascholar&id=ebsco%3Agcd%3A146941017&crl=c	https://openurl.ebsco.com/EPDB%3Agcd%3A7%3A3976359/detailv2?sid=ebsco%3Aplink%3Ascholar&id=ebsco%3Agcd%3A146941017&crl=c	Yes
Weighted absolute convergence of single and double Walsh– Fourier series of functions of	Dr K N Darji	Maths	<u>Volume 86, Issue 1-2, 2019</u>	2019-20	0019-5839	https://isolar.sscld.in/index.php/JIMS/article/view/177918	https://isolar.sscld.in/index.php/JIMS/article/view/177918	Yes
Isolation and medium optimization of bacterial lipase from Oil Mill	Dr K.M. Patel	Microbiology	international journal of pure and applied bio science	2019-2020	7051-756	international journal of pure and applied bio science	http://www.ijpab.com/form/2019%20Volume%207,%20Issue%205/IJPAB-2019-7-5-476-481.pdf	Yes
Eigen solution and various properties of the screened cosine Kratzer potential in D dimensions via relativistic and non-relativistic treatment	Dr R H Parmar	Physics	Eur.Phys.J.Plus Springer	2020-21	13360-020-00299-7	https://www.springer.com	https://ui.adsabs.harvard.edu/abs/2020EPJP..135..286P/abstract	Yes
Bound State Solution and thermodynamic properties of the screened cosine Kratzer potential under influence of magnetic field and Aharonov-	Dr R H Parmar	Physics	ELSEVIER	2020-21	0003-4916	https://www.elsevier.com › en-in	https://ui.adsabs.harvard.edu/abs/2021AnPhy.42468335P/abstract	Yes
Solution of the Ultra Generalized Exponential - Hyperbolic Potential in Multi-Dimensional Space	Dr R H Parmar	Physics	Springer. Veriag GmbH Austria	2020-21	00601-020-015	https://www.dnb.com	https://inspirehep.net/literature/1823075	Yes
Poison Plants of Bayad Taluka, District Aravalli, Gujarat India	Dr M S Jangid	Botany	IJSART	2020-21	2395-1052	http://ijsart.com/	http://ijsart.com/Home/IssueDetail/41820	NO

Study of Plant Diversity In Jarda Forest District Aravalli , Gujarat, India	Dr H S Kharadi	Botany	IJSART	2020-21	2395-1052	http://ijsart.com/	http://ijsart.com/Content/PDFDocuments/IJSARTV61133593.pdf	NO
Floristic Assessment of Tintoi Forest District Arvalli, Gujarat,India	Dr H S Kharadi	Botany	IJSART	2020-21	2395-1052	http://ijsart.com/	http://ijsart.com/Content/PDFDocuments/IJSARTV61133592.pdf	NO
One-pot synthesis of 2-aminobenzoxazole derivatives using acetic	Dr T M Patel	Chemistry	Journal of the Iranian Chemical Society	2020-21	0019-4522	https://link.springer	https://link.springer.com/article/10.1007/s13738-021-02184-1#:~:text=Benzoxazole%20(1.0%20mmol)%2C%20amine,m	yes
acid as an electrolyte under electrochemical conditions	Dr T M Patel	Chemistry	Chemistry Select Willy	2020-21	2365-6549	European Chemical S	https://chemistry-europe.onlinelibrary.wiley.com/doi/abs/10.1002/slct.202102587	yes
Anticancer activity of benzoxazole	Dr T M Patel	Chemistry	Future Journal of Pharmaceutical Sciences (Springer),	2020-21	2314-7253	https://fjps.springer	https://d-nb.info/1221947303/34#:~:text=In%20particular%2C%20it%20was%20found,hepatocellular%20cancer%20cells%20(H	yes
derivative (2015 onwards): a review	Dr H S Kharadi	Botany	IJSART	2020-21	2395-1052	http://ijsart.com/	http://ijsart.com/Home/IssueDetail/40443	NO
Energy and momentum eigenspectrum of the Hulthén-screened cosine Kratzer potential using proper quantization rule and SUSYQM	Dr R H Parmar	Physics	Journal of Molecular Modeling	2021-22	0948-5023	Journal of Molecular Modeling 27(358)	https://link.springer.com/article/10.1007/s00894-021-04965-0	Yes

Eigensolution of the Klein–Gordon equation for modified Yukawa–Kratzer potential and its applications using parametric	Dr R H Parmar	Physics	Journal of Mathematical Chemistry	2021-22	2227-7390	Journal of Mathematical Chemistry	https://link.springer.com/article/10.1007/s10910-021-01258-y	Yes
A facile electrochemical synthesis of suvorexant	DR T M Patel	chemistry	Tetrahedron Letters (Elsevier)	2021-22	1873- 3581	Tetrahedron Letters	https://www.sciencedirect.com/science/article/abs/pii/S0040403921002100	Yes
synthesis characterisation of Azitidionon derinvesties	Dr.S. V. Patel	chemistry	Negative result of Pharmasectical chemitry	2021-22	2229-7723	scoups	https://www.pnrjournal.com/index.php/home/article/view/10101/14089	Yes
In vitro evaluation of bio control agents against Fusarium oxysporum to eliminate wilting of cumin	Dr N D Charan	Microbiology	Indian journal of natural sciences	2021-22	0976-0997	Web of Science	https://bbrc.in/in-vitro-evaluation-of-biocontrol-agents-against-fusarium-oxysporum-to-eliminate-wilting-of-cumin/	Yes
Solution of the modified Yukawa–Kratzer potential under influence of the external fields and its thermodynamic properties	Dr R H Parmar	Physics	Journal of Mathematical Chemistry	2022-23	2227-7390	Journal of Mathematical Chemistry 60(9)	https://www.researchgate.net/publication/363317968_Solution_of_the_modified_Yukawa-Kratzer_potential_under_infl	Yes
POISONOUS PLANTS OF BAYAD TALUKA,DISTRICT ARVALLI(GUJ)INDIA	Dr M S Jangid	Botany	International Journr	2022-23	2395-1052,245	International Journal of Botany Studies(WEB OF SCIENCE)	https://ijsart.com/Home/IssueDetail/41820	Yes
Synthesis, Characterization And Chelating Properties Of Polymeric Azo Dye Based On 8-Hydroxyquinoline-Formaldehyde Polymer	Dr S V Patel	Chemistry	Journal of Pharmaceutical Negative Results	2022-23	2229-7723	DOI: 10.47750/pnr.2022.13.S10.700	https://www.pnrjournal.com/index.php/home/article/view/10176	Yes

Synthesis, Characterization And Antimicrobial Screening Of Sulfadiazine-2-Azetidinone-1,2,4-	Dr S V Patel	Chemistry	Journal of Pharmaceutical Negative Results	2022-23	2229-7723	DOI: 10.47750/pnr.2022.13.S10.664	https://www.pnrjournal.com/index.php/home/article/view/10104	Yes
Synthesis, Characterization And Antimicrobial Activity Of Azetidinone Derivatives Based On 4-Amino-N-(4H-1,2,4-Triazol-4-	Dr S V Patel	Chemistry	Journal of Pharmaceutical Negative Results	2022-23	2229-7723	DOI: 10.47750/pnr.2022.13.S10.664	https://www.pnrjournal.com/index.php/home/article/view/10101/14089	Yes
Study on novel polymeric ligand based on bismaleimide	Dr S V Patel	Chemistry	Research Journal of Chemical Sciences	2022-23	2231-606X	https://www.isca.in/rjcs/Archives/v12/i2/6.ISCA-RJCS-2021-041.pdf	https://www.isca.in/rjcs/Archives/v12/i2/6.ISCA-RJCS-2021-041.pdf	yes
Identification, production, and purification of a novel lipase from Bacillus safensis	Dr Krishna Patel	Microbiology	Journal of Applied Biology & Biotechnology	2022-23	2347-212X	DOI: 10.7324/JABB.2022.100410	https://jabonline.in/abstract.php?article_id=793&sts=2#:~:text=Maximum%20lipase%20activity%20was%20found,sulphate%2Dpolyacrylamide%20	Yes
On absolute convergence of double Fourier-Haar coefficients series	Dr K N Darji	Maths	The Mathematics Student	2022-23	0025-5742	https://openurl.ebsco.com/EPDB%3Agcd%3A14%3A5231550/detailv2?sid=ebsco%3Aplink%3Ascholar&id=ebsco%3Agcd%3A159512004&crl=c	https://openurl.ebsco.com/EPDB%3Agcd%3A14%3A5231550/detailv2?sid=ebsco%3Aplink%3Ascholar&id=ebsco%3Agcd%3A159512004&crl=c	Yes
Electrochemical Synthesis of N-Substituted 5-(1H-Indol-3-yl)-1,3,4-oxadiazole-2-amines:	DR T M Patel	chemistry	Russian Journal of General Chemistry,	2022-23	1070-3632,	https://link.springer.com/article/10.1134/S1070363223110403	https://link.springer.com/article/10.1134/S1070363223110403	Yes
A Review of the Therapeutic Importance of Indole Scaffold in Drug Discovery	DR T M Patel	chemistry	Current Drug Discovery Technologies (Bentham	2022-23	1875-6220	DOI:10.2174/1570163820666230505120553	https://pubmed.ncbi.nlm.nih.gov/37151073/	Yes

Synthesis, biological activity of newly	DR T M Patel	chemistry	Future Journal of Pharmaceutical Sciences (Springer)	2022-23	2314-7253	https://fjps.springeropen.com/articles/10.1186/s43094-023-00466-4	https://fjps.springeropen.com/articles/10.1186/s43094-023-00466-4	Yes
designed sulfonamide based indole derivative	Dr N D Charan	Microbiology	BBRC	2022-23	2321-4007	http://dx.doi.org/10.21786/bbrc/16.3.5	http://dx.doi.org/10.21786/bbrc/16.3.5	Yes

