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## RESEARCH PAPERS PUBLISHED 2022-23

### Journal indexed in SCOPUS /Web of Science

Name of the Author(s)	Department of the Author(s)	Title of the Paper	Name of the Journal	Month and Year of publication	ISSN	Link to the notification in UGC enlistment of the Journal	
						Link to website of the Journal	Link to article /paper/abstract of the article
L. R. Gonsalves, S. G. Gawas, Sher Singh Meena, and V. M. S. Verenkar	Chemistry	Size variation and magnetic dilution effects on the structure and magnetic properties of cobalt zinc ferrite	J Mater Sci: Mater Electron	Aug-22	1573-482X	<a href="https://www.springer.com/journal/10854">https://www.springer.com/journal/10854</a>	<a href="https://link.springer.com/article/10.1007/s10854-022-08833-2#:~:text=Addition%20of%20non%20magnetic%20ion,further%20increase%20in%20Zn%20concentration.">https://link.springer.com/article/10.1007/s10854-022-08833-2#:~:text=Addition%20of%20non%20magnetic%20ion,further%20increase%20in%20Zn%20concentration.</a>
Rupali Tamuly and Pranab Mukhopadhaya	Economics	Natural disasters and well-being in India: A household-level panel data analysis	International Journal of Disaster Risk Reduction (online).	Sep-22	2212-4209	<a href="https://doi.org/10.1016/j.ijdrr.2022.103158">/d/1JXkiHyykYIIEPGL5P2G</a>	<a href="https://doi.org/10.1016/j.ijdrr.2022.103158">https://doi.org/10.1016/j.ijdrr.2022.103158</a>
Shaiesh Morajkar	Biotechnology	Geospatial Distribution of Fluoride and Iron in Natural Water Sources in Mangalore City	J Health Allied SciNU	Jan-23	2582-4287	<a href="https://www.thieme-connect.com/products/ejournals/journal/10.1055/s-00045654">https://www.thieme-connect.com/products/ejournals/journal/10.1055/s-00045654</a>	<a href="https://www.thieme-connect.com/products/ejournals/pdf/10.1055/s-0042-1760322.pdf">https://www.thieme-connect.com/products/ejournals/pdf/10.1055/s-0042-1760322.pdf</a>
R.Kanchana	Biotechnology	Production of Multi-Utility Bio-enzyme.	J. Res. ANGRAU	Jan-March 20	1619-4500	<a href="https://epubs.icar.org.in/index.php/TJRA/index">https://epubs.icar.org.in/index.php/TJRA/index</a>	<a href="https://epubs.icar.org.in/index.php/TJRA/article/view/136133">https://epubs.icar.org.in/index.php/TJRA/article/view/136133</a>
Ramnath Samant, Sejal Lotliker and Ashish M. Desai	Physics	Comments on the paper 'Comparison study of bound states for diatomic molecules using Kratzer, Morse, and modified Morse potentials'	Physica Scripta	Jan-23	0031-8949	<a href="https://iopscience.iop.org/journal/1402-4896">https://iopscience.iop.org/journal/1402-4896</a>	<a href="https://iopscience.iop.org/article/10.1088/1402-4896/aca66">https://iopscience.iop.org/article/10.1088/1402-4896/aca66</a>

Sejal Lotliker, Ramnath Samant, Nikhil Mesquita, Dan Liu and <b>Ashish M. Desai</b>	Physics	Accuracy of the new modified Morse potential energy function for ground and excited states of diatomic molecules	Physics Open	Jul-23	2666-0326	<a href="https://www.sciencedirect.com/journal/physics-open">https://www.sciencedirect.com/journal/physics-open</a>	<a href="https://www.sciencedirect.com/science/article/pii/S2666032623000248">https://www.sciencedirect.com/science/article/pii/S2666032623000248</a>
<b>Dessai, M., &amp;</b> Kulkarni, A.	Physics	Calculation of tunneling current across trapezoidal potential barrier in a scanning tunneling microscope.	Journal of Applied Physics	Dec-22	0021-8979	<a href="https://pubs.aip.org/aip/jap">https://pubs.aip.org/aip/jap</a>	<a href="https://pubs.aip.org/aip/jap/article-abstract/132/24/244901/2838064/Calculation-of-tunneling-current-across?redirectedFrom=fulltext">https://pubs.aip.org/aip/jap/article-abstract/132/24/244901/2838064/Calculation-of-tunneling-current-across?redirectedFrom=fulltext</a>
<b>Chitra Mekoth,</b> Santhosh George, P. Jidesh & Yeol Je Cho	Mathematics	Projection method for fractional lavretiev regularization method	The Journal of Analysis	Oct-22	2367-2501	<a href="https://www.springer.com/journal/41478">https://www.springer.com/journal/41478</a>	<a href="https://link.springer.com/article/10.1007/s41478-022-00516-9">https://link.springer.com/article/10.1007/s41478-022-00516-9</a>
<b>Chitra Mekoth,</b> Santhosh George, P. Jidesh and Shobha Erappa	Mathematics	Finite dimensional realization of a parameter choice strategy for fractional Tikhonov regularization method in Hilbert scales	Hacettepe Journal of Mathematics and Statistics	May-23	2651-477X	<a href="https://dergipark.org.tr/en/pub/hujms">https://dergipark.org.tr/en/pub/hujms</a>	<a href="https://dergipark.org.tr/en/download/article-file/2330009">https://dergipark.org.tr/en/download/article-file/2330009</a>
<b>Naik,Roshan,</b> Annie Rajan and Nehal,Kalita	Biotechnology	Automated image analysis method to detect and quantify fat cell infiltration in hematoxylin and eosin stained human pancreas histology images	BBA Advances (Open Access)	Feb. 2023	2667-1603	<a href="https://www.sciencedirect.com/journal/bba-advances">https://www.sciencedirect.com/journal/bba-advances</a>	<a href="https://www.sciencedirect.com/science/article/pii/S2667160323000133#:~:text=We%20have%20developed%20an%20automated,pancreas%20and%20related%20metabolic%20conditions.">https://www.sciencedirect.com/science/article/pii/S2667160323000133#:~:text=We%20have%20developed%20an%20automated,pancreas%20and%20related%20metabolic%20conditions.</a>

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## UGC CARE List

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Bhosale S., Jatal P.R.	Hindi	गोडसे@गांधी.कॉम:संवादहीनता बनाम संवाद	SAMICHEEN	April-June 2022	2250-2335	<a href="https://drive.google.com/file/d/1JXkiHyykYIIPEG L5P2GvSIKj7bcbE9pr/vi">https://drive.google.com/file/d/1JXkiHyykYIIPEG L5P2GvSIKj7bcbE9pr/vi</a>	<a href="https://drive.google.com/file/d/1JXkiHyykYIIPEGL5P2GvSIKj7bcbE9pr/v">https://drive.google.com/file/d/1JXkiHyykYIIPEGL5P2GvSIKj7bcbE9pr/v</a>
F.M. Nadaf; Venkatesh G. Prabhu Gaonkar	Geography	Analysis and Prediction of Land Cover Changes using the Land Change Modeler (LCM): A Case Study of Candolim, Bardez-Goa, India	Disaster Advances	Jul-22	2278-4543	<a href="https://worldresearchersassociations.com/disaster.aspx">https://worldresearchersassociations.com/disaster.aspx</a>	<a href="https://worldresearchersassociations.com/Archives/DA/Vol(15)2022/August%202022/Analysis%20and%20Prediction%20of%20Land%20Cover%20Changes%20using%20the%20Land%20Change%20Modeler.aspx">https://worldresearchersassociations.com/Archives/DA/Vol(15)2022/August%202022/Analysis%20and%20Prediction%20of%20Land%20Cover%20Changes%20using%20the%20Land%20Change%20Modeler.aspx</a>
Pradeep Jatal	Hindi	Samidha:Dharm ka Bajarikaran	SAMICHEEN	July-September 2022	2250-2335	<a href="https://c9419af4-b6d0-4eee-a13e-2d97d320793a.filesusr.com/ugd/a05942_07c599e26be14bd68d94b7ebf5746502.pdf">https://c9419af4-b6d0-4eee-a13e-2d97d320793a.filesusr.com/ugd/a05942_07c599e26be14bd68d94b7ebf5746502.pdf</a>	<a href="https://c9419af4-b6d0-4eee-a13e-2d97d320793a.filesusr.com/ugd/a05942_07c599e26be14bd68d94b7ebf5746502.pdf">https://c9419af4-b6d0-4eee-a13e-2d97d320793a.filesusr.com/ugd/a05942_07c599e26be14bd68d94b7ebf5746502.pdf</a>
Gaonkar U , Sawant N & Kumbhar D	Geography	Dynamics Of Land Utilities And Agricultural Engagement By Tribal Community Of Morpilla Village, Goa- India	Purakala	Nov-22	0971-2143	<a href="https://publication.rockartweb.com/publication.php?term=DYNAMICS+OF+LAND+UTILITIES+AND+AGRICULTURAL+ENGAGEMENT+BY+TRIBAL+COMMUNITY+OF+MORPILLA+VILLAGE%2C+GOA-">https://publication.rockartweb.com/publication.php?term=DYNAMICS+OF+LAND+UTILITIES+AND+AGRICULTURAL+ENGAGEMENT+BY+TRIBAL+COMMUNITY+OF+MORPILLA+VILLAGE%2C+GOA-</a>	<a href="https://www.researchgate.net/publication/375799376_DYNAMICS_OF_LAND_UTILITIES_AND_AGRICULTURAL_ENGAGEMENT_BY_TRIBAL_COMMUNITY_OF_MORPILLA_VILLAGE_GOA-INDIA">https://www.researchgate.net/publication/375799376_DYNAMICS_OF_LAND_UTILITIES_AND_AGRICULTURAL_ENGAGEMENT_BY_TRIBAL_COMMUNITY_OF_MORPILLA_VILLAGE_GOA-INDIA</a>