

3.4.3 Details of research papers per teacher in CARE Journals notified on UGC website during the year

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	Is it listed in UGC Care list
<b>O. Shilkar, R. P. Adhikari, S. Sappati, S. Godi and A. M. Desai</b>	Physics	A first-principles study of electronic and magnetic properties of 4d transition metals doped in Wurtzite GaN for spintronics applications.	Journal of Molecular Modeling	Jun-23	0948-5023	<a href="https://link.springer.com/journal/894">https://link.springer.com/journal/894</a>	<a href="https://link.springer.com/article/10.1007/s00894-023-05529-0">https://link.springer.com/article/10.1007/s00894-023-05529-0</a>	Yes
<b>Vaz, Vrinda and Dharwadkar, Kshama</b>	French	L'analyse critique de la traduction de « Le Tartuffe ou L'Imposteur » en konkani	Synergies Turqui. Numéro 15/Année 2022	Jul-23	1961-9472	<a href="https://gerflint.fr/synergies-turquie">https://gerflint.fr/synergies-turquie</a>	<a href="https://gerflint.fr/images/revues/Turquie/Turquie15/vaz_dharwadkar.pdf">https://gerflint.fr/images/revues/Turquie/Turquie15/vaz_dharwadkar.pdf</a>	Yes
<b>Devli, M.</b>	Geology	Inferring paleocurrents using imbrications in the Kaladgi Basin	Geological Society of India	Sep-23	0974-6889	<a href="https://link.springer.com/journal/12594/volumes-and-issues">https://link.springer.com/journal/12594/volumes-and-issues</a>	<a href="https://link.springer.com/article/10.1007/s12594-023-2473-z">https://link.springer.com/article/10.1007/s12594-023-2473-z</a>	Yes
<b>D. Liu and A. M. Desai</b>	Physics	Clusters with topological distances in insect swarms explored by machine learning.	AIP Conference Proceedings	Sep-23	0094243X	<a href="https://pubs.aip.org/aip/acp">https://pubs.aip.org/aip/acp</a>	<a href="https://pubs.aip.org/aip/acp/article-abstract/2849/1/450020/2909286/Clusters-with-topological-distances-in-insect?redirectedFrom=fulltext">https://pubs.aip.org/aip/acp/article-abstract/2849/1/450020/2909286/Clusters-with-topological-distances-in-insect?redirectedFrom=fulltext</a>	Yes
<b>Sagar F. Wankhede, Prashant H. Pandit, Shridhar D. Jawak, Alvarinho J. Luis, Keshava Balakrishna</b>	Geography	Modulating spectral reflectance and its impact on thematic mapping: an analysis on glacier facies using very high-resolution satellite imagery	Proc. SPIE 12734, Earth Resources and Environmental Remote Sensing/GIS Applications XIV	Oct-23	0277-786X	<a href="https://www.spiedigitallibrary.org/conference-proceedings-of-spie?_ga=2.142293746.1315742792.1572420710-2065374202.1572420710&amp;SSO=1">https://www.spiedigitallibrary.org/conference-proceedings-of-spie?_ga=2.142293746.1315742792.1572420710-2065374202.1572420710&amp;SSO=1</a>	<a href="https://www.spiedigitallibrary.org/conference-proceedings-of-spie/12734/127341F/Modulating-spectral-reflectance-and-its-impact-on-thematic-mapping/10.1117/12.2680310.short">https://www.spiedigitallibrary.org/conference-proceedings-of-spie/12734/127341F/Modulating-spectral-reflectance-and-its-impact-on-thematic-mapping/10.1117/12.2680310.short</a>	Yes

Shridhar D. Jawak, <b>Sagar F. Wankhede</b> , Alvarinho J. Luis, Prashant H. Pandit, Peter Convey, Peter T. Fretwell	Geography	How precisely can we map blue ice in Antarctica	Proc. SPIE 12734, Earth Resources and Environmental Remote Sensing/GIS Applications XIV	Oct-23	0277-786X	<a href="https://www.spiedigitallibrary.org/conference-proceedings-of-spie?_ga=2.142293746.1315742792.15724207.2065374202.15724207.10&amp;SSO=1">https://www.spiedigitallibrary.org/conference-proceedings-of-spie?_ga=2.142293746.1315742792.15724207.2065374202.15724207.10&amp;SSO=1</a>	<a href="https://www.spiedigitallibrary.org/conference-proceedings-of-spie/12734/1273404/How-precisely-can-we-map-blue-ice-in-Antarctica/10.1117/12.2680318.short">https://www.spiedigitallibrary.org/conference-proceedings-of-spie/12734/1273404/How-precisely-can-we-map-blue-ice-in-Antarctica/10.1117/12.2680318.short</a>	Yes
P. P. Gaude, <b>A. Das</b> and R. V. Pai	Physics	Superfluid, phase-separation, supersolid and density wave phases in extended Bose-Hubbard model	AIP Conference Proceedings	Jan. 24	0094243X	<a href="https://pubs.aip.org/aip/acp">https://pubs.aip.org/aip/acp</a>	<a href="https://pubs.aip.org/aip/acp/article-abstract/2995/1/020001/2933362/Superfluid-phase-separation-supersolid-and-density?redirectedFrom=fulltext">https://pubs.aip.org/aip/acp/article-abstract/2995/1/020001/2933362/Superfluid-phase-separation-supersolid-and-density?redirectedFrom=fulltext</a>	Yes
<b>Y. P. Desai, L. Vaz, P. Dessai, J. Rebello, S. Gaonkar, S. Dessai, S. Naik, G. K. Naik, M. M. Kothawale</b>	Physics	Synthesis, structural and magnetic properties of copper substituted Ni-Zn ferrite	AIP Conference Proceedings	Jan. 24	0094243X	<a href="https://pubs.aip.org/aip/acp">https://pubs.aip.org/aip/acp</a>	<a href="https://pubs.aip.org/aip/acp/article-abstract/2995/1/020162/2933612/Synthesis-structural-and-magnetic-properties-of?redirectedFrom=fulltext">https://pubs.aip.org/aip/acp/article-abstract/2995/1/020162/2933612/Synthesis-structural-and-magnetic-properties-of?redirectedFrom=fulltext</a>	Yes
Gaonkar, C.G.F., Gaude, P.P., <b>Das, A.</b> , Pai, R. V.	Physics	Revisiting pairing of bosons in one-dimensional Bose-Hubbard model with three-body interaction using CMFT+DMRG method.	Eur. Phys. J. D	Apr-24	14346060	<a href="https://link.springer.com/journal/10053">https://link.springer.com/journal/10053</a>	<a href="https://link.springer.com/article/10.1140/epjd/s10053-024-00834-6">https://link.springer.com/article/10.1140/epjd/s10053-024-00834-6</a>	Yes