



### CHANGU KANA THAKUR

Arts, Commerce and Science College, New Panvel (Autonomous)

Re-accredited 'A+' Grade by NAAC (3<sup>rd</sup> Cycle-CGPA 3.61)

'College with Potential for Excellence' Status Awarded by University Grants Commission

'Best College Award' by University of Mumbai

Academic Year 2020-21

#### List of UGC Care Listed

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
Varsha Ahuja, Vasant Barhate, and Ritika Makhijani	Chemistry	Conventional and Green Synthesis, Characterization and Antimicrobial potency of Complex of Cu (II) with [2-((Z) (4-hydroxy-3-methoxy-5-((E)-thiazol-5-ylidiazanyl)benzenylidene)amino)benzoic acid] (MThBABA)	Journal of Scientific Research	Mar-21	0447-9483	<a href="https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101003096&amp;flag=Search">https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101003096&amp;flag=Search</a>

Ritika Makhijani Vasant Barhate, and Varsha Ahuja	Chemistry	Conventional and Microwave Synthesis, Characterization and Study of Microbiological Activity of Complexes of Ni (II) with [2-((Z)-(4-hydroxy-3-methoxy-5-((E)-thiazol-5-ylidiazetyl)benzylidene)amino)benzoic acid] (MThBABA)	Journal of Scientific Research	Mar-21	0447-9483	<a href="https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101003096&amp;flag=Search">https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101003096&amp;flag=Search</a>
Borgave Seema, Barhate Vasant, Madan Parineeta	Chemistry	Microwave and Conventional Synthesis of Palladium (II) Complex with, 2-(5-Bromo-2-oxindolin-3-ylidene)hydrazine-1-carbothioamide, Characterization and Study of Microbiological Activity	Research Journal of Chemistry and Environment	Mar-21	0972-0626	<a href="https://www.scopus.com/sourceid/5300152224">https://www.scopus.com/sourceid/5300152224</a>
Makhijani Ritika, Navale Dinesh and Barhate Vasant	Chemistry	Role of [N-(O-Hydroxybenzylidene) Pyridine-2-Amine] (NOHBPA) in Extractive Spectrophotometric Determination of Nickel (II)	Research Journal of Chemistry and Environment	Apr-21	0972-0626	<a href="https://www.scopus.com/sourceid/5300152224">https://www.scopus.com/sourceid/5300152224</a>

<p>J.G. Pargaonkar, S.K. Patil, S.N. Vajekar, A.B. Patil</p>	<p>Chemistry</p>	<p>Application of Fe<sub>3</sub>O<sub>4</sub> as a magnetic nanocatalyst in the synthesis of photochromic spironaphthoxazines</p>	<p>Research Journal of Chemistry and Environment</p>	<p>Jun-20</p>	<p>0972-0626</p>	<p><a href="https://www.scopus.com/sourceid/5300152224">https://www.scopus.com/sourceid/5300152224</a></p>
<p>Mane C.B., Pawar R.P., Tapase A.S., More H.S., Jadhav B.V. and</p>	<p>Chemistry</p>	<p>Gas Sensing Application of Ceria, Cassiterite and Ceria-Cassiterite Nanocomposite</p>	<p>Research Journal of Chemistry and Environment</p>	<p>Apr-21</p>	<p>0972-0626</p>	<p><a href="https://www.scopus.com/sourceid/5300152224">https://www.scopus.com/sourceid/5300152224</a></p>

Patil R.P.						
Patil Vishvanath D., Gharat Vaishnav D. and Salve Amruta M.	Chemistry	Green Ecofriendly synthesis of Glycoluril derivatives via Cyclocondensation of Benzil and urea/thiourea	Research Journal of Chemistry and Environment	May-21	0972-0626	<a href="https://www.scopus.com/sourceid/5300152224">https://www.scopus.com/sourceid/5300152224</a>
Mrunal Khambekar, Anuja Kumathekar, Jyotsna Thakur	Chemistry & Biotechnology	Phytochemical Screening and Comparative Assessment of Anti-Oxidant, Amylase and Anticoagulant Activity of Different Parts of Colocasia Esculenta (L.) Schott	Journal of Advanced Scientific Research	Jul-20	0976-9595	<a href="https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101000926&amp;flag=Search">https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101000926&amp;flag=Search</a>
Shinde Gayatree Maheshwari Zirpe, Thakur Jyotsna	Chemistry	A green approach to the Rapid Synthesis of 2-Phenyl Benzoxazole and its derivatives using Magnetically Separable Ag@Fe <sub>2</sub> O <sub>3</sub> Core-Shell Nanoparticles	Research Journal of Chemistry and Environment	Jan-21	0972-0626	<a href="https://www.scopus.com/sourceid/5300152224">https://www.scopus.com/sourceid/5300152224</a>
Maheshwari Zirpe, Thakur Jyotsna	Chemistry	Enhanced Photocatalytic Degradation of Methylene blue dye using ag-Fe <sub>2</sub> O <sub>3</sub> core-shell nanoparticles	Research Journal of Chemistry and Environment	Feb-21	0972-0626	<a href="https://www.scopus.com/sourceid/5300152224">https://www.scopus.com/sourceid/5300152224</a>

Jitendra M. Pawara, Sunil S. Patil	Chemistry	An Innovative Method Designed for the Synthesis of Some New Mixed Ligand Ni(II) Complexes Its Characterization and Applications	World Journal of Chemical Education	May-21	2375-1665	<a href="https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101002323&amp;flag=Search">https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101002323&amp;flag=Search</a>
Vishal S. Kamble, Netaji K. Desai, Suresh T. Salunkhe	Chemistry	Fabrication of ZnO nanostructured sensor by co-precipitation technique for NO <sub>2</sub> gas detection	International Journal of Grid and Distributed Computing	Aug-20	2005-4262	<a href="https://www.scopus.com/sourceid/21100806998">https://www.scopus.com/sourceid/21100806998</a>
V. S. Kamble, Y. H. Navale, V. B. Patil, N. K. Desai, and S. T. Salunkhe	Chemistry	Enhanced NO <sub>2</sub> gas sensing performance of Ni-doped ZnO nanostructures	Journal of Materials Science- Materials in Electronics	Jan-20	ISSN 0957-4522 e-ISSN 1573-482X	<a href="https://www.scopus.com/sourceid/21177">https://www.scopus.com/sourceid/21177</a>
S.D. Kendre and S.I. Unhale	Mathematics	On existence, uniqueness and Ulam's stability results for boundary value problems of fractional iterative integrodifferential equations	Journal of Applied Mathematics and Computing (JAMC)	2020	ISSN 1598-5865.	<a href="https://www.scopus.com/sourceid/23821">https://www.scopus.com/sourceid/23821</a>
					e-ISSN 1865-2085	
S.I. Unhale and S.D. Kendre	Mathematics	On existence and uniqueness results for iterative mixed integrodifferential equation of fractional order	Journal of Applied Analysis	Oct-20	ISSN 1425-6908 · e-ISSN 1869-6082	<a href="https://www.scopus.com/sourceid/21100199308">https://www.scopus.com/sourceid/21100199308</a>

D.S. Narkhede, and A.K. Dixit	Geography	A Study of Impact of Lockdown Period on Women in Maharashtra State	AksharWangmay'	Jan-21	2229-4929	<a href="https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101002782&amp;flag=Search">https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101002782&amp;flag=Search</a>
D.S. Narkhede, and A.K. Dixit	Geography	A Study of Impact of Online Education on Students and Parents in Maharashtra State	AksharWangmay'	Jan-21	2229-4929	<a href="https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101002782&amp;flag=Search">https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101002782&amp;flag=Search</a>
R.O. Parmar	Geography	Study of Pandemic COVID-19 Cases and Deaths in the World	AksharWangmay'	Dec-20	2229-4929	<a href="https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101002782&amp;flag=Search">https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101002782&amp;flag=Search</a>
R.O. Parmar	Geography	Study of Pandemic COVID-19 Cases and its Impact on Higher Education in India	AksharWangmay'	Jan-21	2229-4929	<a href="https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101002782&amp;flag=Search">https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101002782&amp;flag=Search</a>