

**3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years (10)**

Sr. No.	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 website of the Journal	Link to article/paper/abstract of the article	Is it listed in UGC Care list/Scopus/Web of Science/other, mention
<b>Dr. A. S. Burghate</b>									
1	Studies On Refractive Index Of Benzothiazolyl Substituted Hydrazone Schiff's Bases, In Binary Solvent At 300K.	Archana S. Burghate & Shrikant A. Wadhal	Chemistry	Alochana Chakra Journal	2021	2231-3990	<a href="https://publons.com/journal/821525/alochana-chakra/">https://publons.com/journal/821525/alochana-chakra/</a>	<a href="file:///G:/confere nces%20paper%20print/Paper/2020-21/ASB%20Research%20Paper%202021.pdf">file:///G:/confere nces%20paper%20print/Paper/2020-21/ASB%20Research%20Paper%202021.pdf</a>	
2	Influence of Ionic strength on the stability contents of Co(II), Sr(II), Pr(III), complexes with 2-Hydroxy-5-Chloro-4-Dimethyl-Amino-Chalcone pH-metrically	A.S. Burghate, R. G. Sawarkar, S. A. Wadhal, M.L. Narwade	Chemistry	Vidyabharati International Interdisciplinary Research Journal	2020	2319-4979	<a href="http://www.viirj.org/">http://www.viirj.org/</a>	<a href="https://mjl.clarivate.com:/search-results?issn=2319-4979&amp;hide_exact_match fl=true&amp;utm_source=mjl&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://mjl.clarivate.com:/search-results?issn=2319-4979&amp;hide_exact_match fl=true&amp;utm_source=mjl&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>	<a href="https://mjl.clarivate.com:/search-results?issn=2319-4979&amp;hide_exact_match fl=true&amp;utm_source=mjl&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://mjl.clarivate.com:/search-results?issn=2319-4979&amp;hide_exact_match fl=true&amp;utm_source=mjl&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>

3	Refractometric study of novel Benzothiazolyl and Benzimidazolyl substituted derivative in binary liquid mixture	A.S. Burghate, S.A. Wadhal	Chemistry	Journal of Emerging technologies and and innovative research.	2020	0974-4290	<a href="http://www.jetir.org">www.jetir.org</a>	<a href="http://www.jetir.org/view?paper=JETIRDI06087">http://www.jetir.org/view?paper=JETIRDI06087</a>	Peer Reviewed
4	Synthesis of 4-phenyl-thiazolyl substituted Schiff bases	A.S. Burghate, S.A. Wadhal	Chemistry	Journal of Emerging technologies and and innovative research.	2020	0974-4290	<a href="http://www.jetir.org">www.jetir.org</a>	<a href="http://www.jetir.org/view?paper=JETIRDI06019">http://www.jetir.org/view?paper=JETIRDI06019</a>	Peer Reviewed
5	Complexometric study of complexes of Ni(II), Cu(II) and Co(II) with benzothiozoline substituted hydrazone schiffs bases in 70% acetone -water mixture	A.S. Burghate, S.A. Wadhal	Chemistry	Journal of Emerging technologies and innovative research.	2019	2349-5162X	<a href="http://www.jetir.org/">http://www.jetir.org/</a>	<a href="http://www.jetir.org/">http://www.jetir.org/</a>	Peer Reviewed
6	Spectrophotometric Study of Stability constant of Substituted Benzothiazolyl and Benzimidazolyl derivatives with rare metal ions(2019)	A.S. Burghate, S.A. Wadhal	Chemistry	Journal of Emerging technologies and innovative research.	2019	0974-4291	<a href="http://www.jetir.org/">http://www.jetir.org/</a>	<a href="http://www.jetir.org/papers/JETIR1904D69.pdf">http://www.jetir.org/papers/JETIR1904D69.pdf</a>	Peer Reviewed
7	Studies on Refractive Index of Benzothiazolyl and Benzimidazolyl derivatives in different percentage of binary liquid mixture	A. S. Burghate, S. A. Wadhal	Chemistry	International J. of Researches in Bio, Agri, and technology	2017	2347-517x	<a href="https://ijrbat.in/">https://ijrbat.in/</a>	<a href="https://ijrbat.in/past_special_issue_list&amp;issue=Special%20Issue%20No.%202,July.2017&amp;page=2">https://ijrbat.in/past_special_issue_list&amp;issue=Special%20Issue%20No.%202,July.2017&amp;page=2</a>	<a href="https://ijrbat.in/img/certificate/UGC.jpg">https://ijrbat.in/img/certificate/UGC.jpg</a>

8	Studies of Viscosity & Thermodynamic Parameters of Substituted benzothiazolyl derivatives in binary Solvent Mixtures (2016)	A. S. Burghate, S. A. Wadhal	Chemistry	Rasayan J.Chemistry	2016	0974-1496	<a href="https://rasayanjournal.co.in/">https://rasayanjournal.co.in/</a>	<a href="https://rasayanjournal.co.in/admin/php/upload/41_pdf.pdf">https://rasayanjournal.co.in/admin/php/upload/41_pdf.pdf</a>	<a href="https://www.scopus.com/sourceid/19400157518">https://www.scopus.com/sourceid/19400157518</a>
9	Studies of acoustical parameters of N-benzothiazol-2-yl-disubstituted pyrazolines in DMF-water at different frequencies	A. S. Burghate, S. A. Wadhal	Chemistry	J.pure Applied ultrason	2016	0256-4637	<a href="http://www.ultrasonicsindia.org/public.htm">http://www.ultrasonicsindia.org/public.htm</a>	<a href="http://www.ultrasonicsindia.org/public.htm">http://www.ultrasonicsindia.org/public.htm</a>	Peer Reviewed
10	A Thermodynamic and comparative study of complex formation of N-Benzothiazol-2-yl-3,5-disubstituted pyrazolines with some transition metals by conductometry and pH-metry	A. S. Burghate, S. A. Wadhal	Chemistry	International Journal of Chemical Technology & Reaserch	2015	0974-4290	<a href="https://scialert.net/jhome.php?issn=1996-3416">https://scialert.net/jhome.php?issn=1996-3416</a>	<a href="http://sphinxσαι.com/2015/ch_vol8_no11/2/(403-412)V8N11CT.pdf">http://sphinxσαι.com/2015/ch_vol8_no11/2/(403-412)V8N11CT.pdf</a>	<a href="https://www.scopus.com/sourceid/19700175055">https://www.scopus.com/sourceid/19700175055</a>