

## 3.3.1 Number of research papers published per teacher in the Journals

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		
						Link to website of the Journal	Link to article / paper / abstract of the article	Is it listed in UGC Care list
$\beta$ -lactam-synthon interceded diastereoselective synthesis of 2-azido- $\gamma$ -amino-alcohols with subsequent transformations to functionally enriched heterocycles	Dr. Vishu Mehra	Chemistry	Chemistry select	2018	2365-6549		<a href="https://chemistry-europe.onlinelibrary.wiley.com/doi/abs/10.1002/slct.201800512">https://chemistry-europe.onlinelibrary.wiley.com/doi/abs/10.1002/slct.201800512</a>	Yes
Knowledge Management- A Global Perspective	Dr. Monika Sharma	Commerce	Journal of Emerging technologies & Innovative Research	2018	2349-5162		<a href="https://www.jetir.org/papers/JETIR1810B09.pdf">https://www.jetir.org/papers/JETIR1810B09.pdf</a>	Yes

Growth Rate of students Enrolment in Higher Education- An Empirical Study of Punjab	Dr. Monika Sharma	Commerce	Journal of Emerging technologies & Innovative Research	2018	2349-5162		<a href="https://www.jetir.org/view?paper=JETIR1810B20">https://www.jetir.org/view?paper=JETIR1810B20</a>	Yes
Anion controlled geometrically different Cu(II) ion based coordination polymers and green synthetic route for copper nanoparticles: A combined experimental and computational insight	Dr. Rahul Kumar	Chemistry	Journal of Coordination Chemistry	2018	3363-3381		<a href="https://www.tandfonline.com/doi/abs/10.1080/00958972.2018.1483077">https://www.tandfonline.com/doi/abs/10.1080/00958972.2018.1483077</a>	Yes

Sol-gel route approach and improvisation in physicochemical, structural, magnetic and electrical properties of $BaCo_{x/2}Zn_{x/2}Zr_xFe_{(12-2x)}O_{19}$ ferrites	Dr. Rahul Kumar	Chemistry	Journal of Magnetism and Magnetic Materials	2018	<b>0304-8853</b>		<a href="https://www.academia.edu/102483818">https://www.academia.edu/102483818</a>	Yes
Cu(II) ion based 1D coordination polymer: Its thermal, fluorescence properties, Hirshfeld surface analysis and theoretical calculations	Dr. Rahul Kumar	Chemistry	Molecular Crystals and Liquid Crystals	2018	<b>1542-1406</b>		<a href="https://www.tandfonline.com/doi/abs/10.1080/15421406.2018.1461800">https://www.tandfonline.com/doi/abs/10.1080/15421406.2018.1461800</a>	Yes

Study the cooperative noncovalent interactions in Lithium-1, 10-Phenanthroline complex, its DFT calculations and Hirshfeld surface analysis	Dr. Rahul Kumar	Chemistry	Molecular Crystals and Liquid Crystals	2018	1542-1406		<a href="https://www.researchgate.net/publication/325921231">https://www.researchgate.net/publication/325921231</a>	Yes
1 (Yyirtl)	Dr. Ranjit Singh	Physical	European Journal of Physical Education and Sport Science	2018	2501-1235		<a href="http://dx.doi.org/10.46827/ejpe.v0i0.1435">http://dx.doi.org/10.46827/ejpe.v0i0.1435</a>	Yes
Yogic Pr	Dr. Ranjit Singh	Physical	European Journal of Physical Education and Sport Science	2018	2501-1235		<a href="http://dx.doi.org/10.46827/ejpe.v0i0.1442">http://dx.doi.org/10.46827/ejpe.v0i0.1442</a>	Yes

Spatio-temporal analysis of groundwater depletion in Punjab State, India.	Dr. SARISH KHERA	Geography	Ecology, Environment and Conservation	2018	0971-765X		<a href="http://www.envirobiotechjournals.com/article_abstract.php?aid=8383&amp;iid=242&amp;jid=3">http://www.envirobiotechjournals.com/article_abstract.php?aid=8383&amp;iid=242&amp;jid=3</a>	Yes
Quality of Service Enhanced Framework for Disease Detection and Drug Discovery	Dr. Sunny Sharma	Computer Science	International Journal of Computer Sciences and Engineering-IJCSE	2018	2347-2693		<a href="https://www.ijcseonline.org/pdf_paper_view.php?paper_id=2833&amp;22-IJCSE-04740.pdf">https://www.ijcseonline.org/pdf_paper_view.php?paper_id=2833&amp;22-IJCSE-04740.pdf</a>	Yes
Ferrocenylchalcone-uracil conjugates: synthesis and cytotoxic evaluation	Dr. Vishu Mehra	Chemistry	Medicinal Chemistry Research	2018	1554-8120		<a href="https://digitalcommons.chapman.edu/pharmacy_articles/566/">https://digitalcommons.chapman.edu/pharmacy_articles/566/</a>	Yes

Opto-electric and physio-chemical changes in oxygen ion irradiated natural Vermiculite mineral	Dr Sukhnan dan Kaur	Physics	Applied Radiation and Isotopes	2019	0969-8043		<a href="https://doi.org/10.1016/j.apradiso.2019.03.004">https://doi.org/10.1016/j.apradiso.2019.03.004</a>	Yes
Shiksha Jagat Ke Rahasya (Dr. Madhu Sandhu ki Kahaniyon Ka Sandarbh)	Dr. Deepti	Hindi	Shodh Disha, International Innovative Journal Impact Factor (IIJIF) database, UGC approved	2019	0975-735X		<a href="https://ugccare.unipune.ac.in/Apps1/User/WebA/DisciplinewiseList?DiscpID=3&amp;DiscpName=Social%20Sciences">https://ugccare.unipune.ac.in/Apps1/User/WebA/DisciplinewiseList?DiscpID=3&amp;DiscpName=Social%20Sciences</a>	Yes
<a href="https://iopscience.iop.org/article/10.1088/2053-1591/ab4894">Tunable M-type nano barium hexaferrite material by Zn<sup>2+</sup>/Zr<sup>4+</sup> + co-doping</a>	Dr. Rahul Kumar	Chemistry	Materials Research Express	2019	<b>2053-1591</b>		<a href="https://iopscience.iop.org/article/10.1088/2053-1591/ab4894">https://iopscience.iop.org/article/10.1088/2053-1591/ab4894</a>	Yes

Assessment of Spatial and seasonal Water Quality Variation of river Ghaggar, Punjab.	Dr. SARISH KHERA	Geography	Indian Journal of Environmental Protection	2019	0253-7141	<a href="https://www.researchgate.net/publication/333118722_Assessment_of_Spatial_and_Seasonal_Water_Quality_variation_of_River_Ghaggar_Punjab">https://www.researchgate.net/publication/333118722_Assessment_of_Spatial_and_Seasonal_Water_Quality_variation_of_River_Ghaggar_Punjab</a>	Yes
Assessment of Water Quality Variation of River: A Case Study of Beas River, Punjab	Dr. SARISH KHERA	Geography	International Journal of Recent Technology and Engineering	2019	2277-3878	<a href="https://www.ijrte.org/wp-content/uploads/papers/v7i6s5/F10710476S519.pdf">https://www.ijrte.org/wp-content/uploads/papers/v7i6s5/F10710476S519.pdf</a>	Yes

Ferrocen e- appended pharmac ophores: an exciting approach for modulati ng the biologica l potential of organic scaffolds	Dr. Vishu Mehra	Chemistry	Dalton Transacti ons	2019	<b>1477- 9226</b>		<a href="https://pubs.rsc.org/en/content/articlelanding/2019/dt/c8dt03440k">https://pubs.rsc.org/en/content/articlelanding/2019/dt/c8dt03440k</a>	Yes
Web Effort Estimatio n Techniqu es: A systemati c Literatur e Review	Manpreet kaur	Computer Sci	Internatio nal Journal of Advance d Compute r Technolo gy	2019	3462-3471		<a href="https://www.proquest.com/openview/93c907b2527753e34ae0a38ac56d2d79/1.pdf?pq-origsite=scholar&amp;cbl=2032622">https://www.proquest.com/openview/93c907b2527753e34ae0a38ac56d2d79/1.pdf?pq-origsite=scholar&amp;cbl=2032622</a>	Yes



Recent accomplishments on the synthetic/biological facets of pharmacologically active 1H-1,2,3 triazoles	Dr. Vishu Mehra	Chemistry	European Journal of Medicinal Chemistry	2020	<b>0223-5234</b>		10.1016/j.ejmech.2020.113069	Yes
<a href="#">Structural diversity from co-crystal to 1D coordination polymers of 2, 6-naphthalenedicarboxylic acid with 4, 4'-bipyridine as coligand: structural and computational approach</a>	Dr. Rahul Kumar	Chemistry	Journal of Coordination Chemistry	2020	<b>3363-3381</b>		<a href="https://www.researchgate.net/publication/347845735">https://www.researchgate.net/publication/347845735</a>	Yes

Structural transformation from 1D to 3D in $[K(\mu_5-L1).H_2O]_n$ (L1 = 2,4-dinitrobenzoate) by nitro group coordination: Comparison with theoretical and Hirshfeld surface calculations	Dr. Rahul Kumar	Chemistry	Supramolecular Chemistry	2020	1029-0478		<a href="https://www.tandfonline.com/doi/abs/10.1080/10610278.2020.1817454">https://www.tandfonline.com/doi/abs/10.1080/10610278.2020.1817454</a>	Yes
Aadhunikta Ke Sarmayein mein Manav	Dr. Deepti	Hindi	Akshara (UGC approved)	2021	2456-7167		<a href="https://ugccare.unipune.ac.in/Apps1/User/WebA/DisciplinewiseList?DiscpID=3&amp;DiscpName=Soci%20Sciences">https://ugccare.unipune.ac.in/Apps1/User/WebA/DisciplinewiseList?DiscpID=3&amp;DiscpName=Soci%20Sciences</a>	Yes

Trade Prospects of South East Asian Economies, Anvesak, A Referred Journal, UGC Care List Group- I	Dr. Priyanka Mahajan	Economics	Sardar Patel Institute of Economic and Social Research, Ahmedabad	2021	0378-4568		<a href="https://ugccare.unipune.ac.in/Apps1/User/WebA/DisciplinewiseList?DiscpID=3&amp;DiscpName=Social%20Sciences">https://ugccare.unipune.ac.in/Apps1/User/WebA/DisciplinewiseList?DiscpID=3&amp;DiscpName=Social%20Sciences</a>	Yes
Self-assembled H-bonded supramolecular interactions in monomeric complex [Mg(H <sub>2</sub> O)(6)] center dot L-2 center dot 2bipy center dot H <sub>2</sub> O; [LH = 2-amino-5-nitrobenzoic acid, bipy = 4,4'-bipyridin	Dr. Rahul Kumar	Chemistry	Journal of Molecular structure	2021	<b>0022-2860</b>		<a href="https://ui.adsabs.harvard.edu/abs/2021JMoSt123230073M/abstract">https://ui.adsabs.harvard.edu/abs/2021JMoSt123230073M/abstract</a>	Yes

<a href="#">A rational assembly of paradodecatungstate anions from clusters to morphology-controlled nanomaterials</a>	Dr. Rahul Kumar	Chemistry	Materials Chemistry Frontiers	2021	2052-1537		<a href="https://www.researchgate.net/publication/344786151">https://www.researchgate.net/publication/344786151</a>	Yes
Water Quality Assessment of River Sutlej, PUNJAB	Dr. SARISH KHERA	Geography	Indian Journal of Environmental Protection	2021	0253-7141		<a href="https://www.e-ijep.co.in/41-11-1268-1276/">https://www.e-ijep.co.in/41-11-1268-1276/</a>	Yes
Water Security in Punjab : Issues and Challenges	DR. SARISH KHERA	Geography	International Journal of Food and Nutritional Sciences	2022	2320-7876		<a href="https://www.ijfans.org/uploads/paper/4f908b11726a180bd7d9bb76773.pdf">https://www.ijfans.org/uploads/paper/4f908b11726a180bd7d9bb76773.pdf</a>	Yes

Dr. Rakesh Prem ka Rachna Sansaar aur Vividh Vimarsh	Dr. Deepti	Hindi	Shivna Sahityiki (UGC approved Journal- UGC Care Review)	2022	2455-9717		<a href="https://ugccare.unipune.ac.in/Apps1/User/WebA/DisciplinewiseList?DiscpID=3&amp;DiscpName=Social%20Sciences">https://ugccare.unipune.ac.in/Apps1/User/WebA/DisciplinewiseList?DiscpID=3&amp;DiscpName=Social%20Sciences</a>	Yes
Status and Relevance of Traditional Occupations in Modern Context, Journal of Management and Entrepreneurship, Peer Reviewed/ Indexed Journal	Dr. Priyanka Mahajan	Economics	Xavier Institute of Management and Entrepreneurship, Bangalore	2022	2229-5348		<a href="https://ugccare.unipune.ac.in/Apps1/User/WebA/DisciplinewiseList?DiscpID=3&amp;DiscpName=Social%20Sciences">https://ugccare.unipune.ac.in/Apps1/User/WebA/DisciplinewiseList?DiscpID=3&amp;DiscpName=Social%20Sciences</a>	Yes

Detailed impedance and electrical studies of Zr <sup>4+</sup> doped La <sub>0.7</sub> Ca <sub>0.3</sub> (Mn <sub>0.5</sub> Fe <sub>0.5</sub> )O <sub>3</sub> for cathode materials in solid oxide fuel cells	Dr. Vishal Arora	Physics	<i>Materials Today : Proceedings</i>	2022	2214-7853		<a href="https://doi.org/10.1016/j.matpr.2022.06.082">https://doi.org/10.1016/j.matpr.2022.06.082</a>	Yes
Machine learning based Effort estimation of Web applications using ISBSG dataset	Manpreet kaur	Computer Science	Computer	2022	1793-8201		<a href="https://www.ijcte.org/show-133-1656-1.html">https://www.ijcte.org/show-133-1656-1.html</a>	Yes

Establishment of magneto-dielectric effect and magneto-resistance in composite of PLT and Ba-Based U-type hexaferrite	Dr. Vishal Arora	Physics	<a href="https://doi.org/10.1142/S2010135X23500133">Journal of Advanced Dielectrics,</a>	2023	2010-1368		<a href="https://doi.org/10.1142/S2010135X23500133">https://doi.org/10.1142/S2010135X23500133</a>	Yes
Evidence of non-debye behavior of $\text{Pb}_{0.76}\text{Sm}_{0.24}\text{Ti}_{0.76}\text{Fe}_{0.24}\text{O}_3$ ceramics by complex impedance spectroscopy	Dr. Vishal Arora	Physics	<i>Materials Today: Proceedings</i>	2023	2214-7853		<a href="https://doi.org/10.1016/j.matpr.2022.11.466">https://doi.org/10.1016/j.matpr.2022.11.466</a>	Yes
Effect of a magnetic field on the dielectric properties of PLT–BN–CFO composites	Dr. Vishal Arora	Physics	<i>Emerging Materials Research,</i>	2023	2046-0147		<a href="https://doi.org/10.1680/jemr.22.00183">https://doi.org/10.1680/jemr.22.00183</a>	Yes

Dielectric and Magneto-dielectric properties of GdFeO <sub>3</sub> modified PbTiO <sub>3</sub> nanofibrous mats obtained through electrospinning technique	Dr. Vishal Arora	Physics	<a href="#">Materials Science and Engineering B</a>	2023	<a href="#">0921-5107</a>		<a href="https://doi.org/10.1016/j.jmse.2023.116702">https://doi.org/10.1016/j.jmse.2023.116702</a>	Yes
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