

## 3.2.1 Number of papers published per teacher in the Journals notified on UGC website during the last five years (5)

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Active methylenes in the synthesis of pyrrole motif: An imperative structural unit of pharmaceuticals, natural products and optoelectronic materials	Rajni Khajuria, Sumita Dham, Kamal K. Kapoor	Chemistry	RSC Advances	2016	2046-2069
I-Convergence of filters	D. S. Jamwal, R. Jamwal, S. Sharma	Mathematics	New Trends in Mathematical Sciences	2016	2147-5520
Reaction of 3-(2- nitrophenyl)-1- arylprop-2-en-1-ones with triethyl phosphite in microwave revisited: One-pot synthesis of 2- aroylindoles and 2- arylquinolines	Annah Gupta, Rajni Khajuria, Kamal K. Kapoor	Chemistry	Synthetic Communications	2016	0039-7911
Iodine–ammonium acetate promoted reaction between 2- aminopyridine and aryl methyl ketones: a novel approach towards the synthesis of 2- arylimidazo[1,2-a] pyridines	Dilpreet Kour, Rajni Khajuria, Kamal K. Kapoor	Chemistry	Tetrahedron Letters	2016	0040-4039
Novel Cu(0)–Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> /NH <sub>2</sub> cel as an Efficient and Sustainable Magnetic Catalyst for the Synthesis of 1,4-Disubstituted-1,2,3- triazoles and 2-Substituted-Benzothiazoles via One-Pot Strategy in Aqueous Media	Madhvi Bhardwaj Babita Jamwal, Satya Paul	Chemistry	Catalysis Letters	2016	1011-372X
Classification of cancerous and non-cancerous tissues of serial analysis of gene expression data through various classifiers	Gotam S. Lalotra and R.S.Thakur	Computer Applications	Bioscience Biotechnology Research Communications	2016	0974-6455
AN INTELLIGENT CRF BASED CUTTLEFISH FEATURE SELECTION ALGORITHM FOR EFFECTIVE DIAGNOSIS	Gotam S. Lalotra and R.S.Thakur	Computer Applications	International Journal of Pharmacy & Technology	2016	0975-766X

Narsingh Dev Jamwal Hunda Monograph Meri Nazre Ch	Anu Devi	Dogri	Soch Sadhna (Dogri Shodh Patrika)-11	2016	2319-4650
Narsingh Dev Jamwal Hunda Sangarshpuran Jeevan	Anu Devi	Dogri	Sabke Davedar Pragatisheel chetna ka Samvahik Tremasik, Ank -84	2017	2249-6106
Organic/inorganic hybrid stabilized Au-Pd bimetallic nanoalloy as highly active and sustainable catalytic system for enhanced performance in hydrogenation reactions.	Babita Jamwal, Madhvi Bhardwaj and Satya Paul	Chemistry	ChemistrySelect	2017	2365-6549
Comparative Analysis of One-Pot Facile Synthesis of Biologically Relevant Novel Tetrahydro-4H-Chromene-3-Carbonitrile and their X-Ray Crystallographic Behaviors	Naresh Sharma and Vivek. K. Gupta	Physics	International Journal of Pure and Applied Researches	2017	2455-474X
Synthesis and anti- microbial evaluation of novel 3-(arylidene amino)-3a,8a-dihydroxy-1,3,3a,8a-tetrahydroindeno[1,2-d]imidazole-2,8-diones and their 2-thioxo analogues	Yeshwinder Saini, Rajni Khajuria, Ramneet Kaur, Sanjana Kaul, Tanwi Sharma, Suruchi Gupta, Vivek K. Gupta, Rajni Kant, Kamal K. Kapoor	Chemistry	Synthetic Communications	2017	0039-7911
Single crystal X-ray study of 6-Phenyl-4-(p-tolyl)pyridin-2(1H)-one	Rajni Khajuria, Suresh Sharma, Kamal K. Kapoor, Vivek K. Gupta	Chemistry	Crystallography Reports	2017	1063-7745
Expeditious synthesis of coumarin-pyridone conjugate molecules and their anti-microbial evaluation	Rajni Khajuria, Sheena Mahajan, Ambica, Kamal K. Kapoor	Chemistry	Journal of Chemical Sciences	2017	0974-3626
Some more results on I-Convergence of filters	R. Jamwal, S. Sharma and D. S. Jamwal	Mathematics	New Trends in Mathematical Sciences	2017	2147-5520
Psychological Effects of Music	Dr Surekha Rani	Music	Innovation The Research Concept	2017	2496 5474
Genres in Performaing Arts in theatre	Dr Surekha Rani	Music	Remarking an Analisation	2017	2994-0344
Bharat ch Dalityen di Pachhokad te Rajneetik Vichardhara	Dr. Vaishno Devi	Dogri	Dogri Sheeraja (print only)	2017	2279-0322
Narsingh Dev Jamwal : Vyaktityav Ke Kretitav	Anu Devi	Dogri	Soch Sadhna (Dogri Shodh Patrika)-13	2017	2319-4650

Narsingh Dev Jamwal Hundi 'Meri jeevan Kathya' Meri Nazar Ch	Anu Devi	Dogri	Sabke Davedar Pragatisheel chetna ka Samvahik Tremasik, Ank -85	2017	2249-6106
How To Build An Effective Communication Skill	Arun Dev Singh	English	International Research Journal of Humanities, Language and Literature	2017	2394-1642
One-pot cascade synthesis of pyrano/furanotetra hydroquinolines through Povarov reaction catalyzed by Fe(NO <sub>3</sub> ) <sub>3</sub> @Al <sub>2</sub> O <sub>3</sub>	Ramneet Kaur, Rajni Khajuria, Yeshwinder Saini, Kamal K. Kapoor	Chemistry	Indian Journal of Heterocyclic Chemistry	2018	0971-1627
Synthesis and in vitro biological evaluation of some novel triazole-based heterocycles as potential antimicrobial agents	Seema Sahi, Ravinderpal Kour Sodhi, Babita Jamwal and Satya Paul	Chemistry	J. Heterocyclic Chem	2018	1943-5193
Cu @Fe <sub>3</sub> O <sub>4</sub> -TiO <sub>2</sub> -L-dopa: A novel and magnetic catalyst for the Chan-Lam cross-coupling reaction in ligand free conditions	Harsha Sharma, Hitesh Mahajan, Babita Jamwal and Satya Paul	Chemistry	Catal. Commun	2018	15667367
The effect of adding non-conventional ingredients and hydrocolloids to desirable quality attributes of pasta.- A Mini Review	Ashwani kumar Khajuria	Food Science and Technology	Croatian Journal of Food Science and Technology	2018	1847-3466
Recent developments in the synthesis of pyrido[1,2- a]benz imidazoles	Rajni Khajuria, Sk. Rasheed, Chhavi Khajuria, Kamal K. Kapoor, Parthasarathi Das	Chemistry	Synthesis (Invited Article)	2018	0039-7881
Comparative Analysis of Synthesis, Biological Relevance and X-Ray Crystallization of Novel Pyrano[2,3-C]Pyrazole Derivatives	Naresh Sharma	Physics	Journal of Biosphere	2018	2278 -3342
X-ray study of crystal 1-Methyl-5-phenyl- 1,3,3a,4,5,5a,11a,11b-hexahydro2,6-dioxo-1,5- diazacyclopenta[a]anthracen-11-one and its weak interactions.	Priyanka Kanwal, Ravinder Kour, Akhil Bandhoria, Ashok Kumar and Pankaj Bandhoria	Physics	Journal of Biosphere	2018	2278-3342
Log geeton me shastriye Sangeet ke tatva	Dr Surekha Rani	Music	Bhairvi	2018	0975-5217
Meri Jeevan Kathya Bare Kish Chonme Tathye	Anu Devi	Dogri	Soch Sadhna (Dogri Shodh Patrika)-15	2018	2319-4650

A Note on I-Convergence of Filters,	Shivani Sharma	Mathematics	New Trends in Mathematical Sciences	2019	2147-5520
Crystal Structure of 1,5-Dimethyl-4-(2-oxo-1,2-diphenylethylideneamino)-2-phenyl-1,2-dihydro-pyrazol-3-one	Naresh Sharma	Physics	Crystallography Reports	2019	1063-7745
Crystal Structure of 3-[1-(4-Methylphenyl)-9,10-dihydro-4-azaphenanthren-3-yl]benzo[f]coumarin	Deepak Sharma, Naresh Sharma, D. I. Brahmabhatt, and Vivek K. Gupta	Physics	Crystallography Reports	2019	1063-7745
Diamines as interparticle linkers for silica-titania supported PdCu bimetallic nanoparticles in Chan-Lam and Suzuki cross-coupling reactions.	Babita Jamwal, Manpreet Kaur, Harsha Sharma, Chhavi Khajuria, Satya Paul and J. H. Clark	Chemistry	New J. Chem	2019	1369-9261
Potential Substitutes for Replacement of Lead in Perovskites Solar Cells: A Review	Ravinder Kour, Sandeep Arya, Sonali Verma, Jyoti Gupta, Pankaj Bandhoria Vishal Bharti, Ram Datt and Vinay Gupta	Physics	Global Challenges	2019	2056-6646
Synergistic effect of Cr <sup>3+</sup> on layered double hydroxide supported CuO nanoparticles for the oxidation of alcohols and hydrocarbons.	Anu Choudhary, Nitika Sharma, Chandan Sharma, Babita Jamwal and Satya Paul	Chemistry	ChemistrySelect	2019	2365-6549
Comparative study of CuO, CuO@Ag and CuO@Ag:La nanoparticles for their photosensing properties	Sandeep Arya, Prerna, Anoop Singh and Ravinder Kour	Physics	Materials Research Express	2019	2053-1591
Biginelli reaction via bis-ureide intermediate in low melting mixture	Hitesh Mahajan, Babita Jamwal and Satya Paul	Chemistry	Revue Roumaine De Chimie	2019	0035-3930
Review-Recent Advances and Challenges in Indium Gallium Nitride (In <sub>x</sub> Ga <sub>1-x</sub> N) Materials for Solid State Lighting	Ravinder Kour, Sandeep Arya, Sonali Verma, Anoop Singh, Prerna Mahajan and Ajit Khosla	Physics	ECS Journal of Solid State Science and Technology	2019	2162-8769
Shakespeare and his Artistic power	Arun Dev Singh	English	International Research Journal of Humanities, Language and Literature	2019	2394-1642

Review-Recent Advances in carbon Nanomaterials as Electrochemical Biosensors	Ravinder Kour, Sandeep Arya, Sheng-Joue Young, Vinay Gupta, Pankaj Bandhoria and Ajit Khosla	Physics	Journal of electrochemical Society	2020	0013-4651
Pd Nanoparticles Decorated on ZnO/Fe <sub>3</sub> O <sub>4</sub> Cores and Doped with Mn <sup>2+</sup> and Mn <sup>3+</sup> for Catalytic C-C coupling, Nitroaromatics Reduction, and the Oxidation of Alcohols and Hydrocarbons	Manpreet Kaur, Chandan Sharma, Nitika Sharma, Babita Jamwal, Satya Paul	Chemistry	ACS Appl. Nano Mater	2020	2574-0970
Bernard Malamud : The Writer of Diaspora	Arun Dev Singh	English	Wutan Huatan Jisuan Jishu UGC-Care-Group –II-Journal Scopus	2020	1001-1749
Crystal Structure of 5,5'-(Furan-2-ylmethylene)bis(6-amino-1,3-dimethylpyrimidine-2,4(1H,3H)-dione)	Naresh Sharma, Goutam Brahmachari and Vivek K. Gupta	Physics	Crystallography Reports	2021	1063-7745
An efficient synthesis of 4-phenoxy-quinazoline, 2-phenoxy-quinoxaline, 2-phenoxy-pyridine derivatives using aryne chemistry	Mahesh K. Zilla, Sheena Mahajan, Rajni Khajuria, Vivek K. Gupta, Rajnikant, Kamal K. Kapoor and Asif Ali	Chemistry	RSC Advances	2021	2046-2069
Crystal Structure of 7-phenyl-5,6-dihydro-14-aza-[1]benzopyrano[3,4-B]phenanthrene-8H-one	Deepak Sharma, Dr. Naresh Sharma, Niraj H. Patel	Physics	Crystallography Reports	2021	1063-7745

enlistment of the Journal /Digital Object Identifier (doi) number		
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
<a href="https://www.rsc.org/journals-books-databases/about-journals/rsc-advances/">https://www.rsc.org/journals-books-databases/about-journals/rsc-advances/</a>	<a href="https://pubs.rsc.org/en/content/articlelanding/2016/ra/c6ra03411j">https://pubs.rsc.org/en/content/articlelanding/2016/ra/c6ra03411j</a>	Yes
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<a href="https://www.ijptonline.com/">https://www.ijptonline.com/</a>	<a href="https://www.semanticscholar.org/paper/AN-INTELLIGENT-CRF-BASED-CUTTLEFISH-FEATURE-FOR-Lalotra-Thakur/c300fb28e0b3b80d627ce7a1283aa1794ed5e32c">https://www.semanticscholar.org/paper/AN-INTELLIGENT-CRF-BASED-CUTTLEFISH-FEATURE-FOR-Lalotra-Thakur/c300fb28e0b3b80d627ce7a1283aa1794ed5e32c</a>	Google Scholar

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<a href="https://www.springer.com/journal/11445">https://www.springer.com/journal/11445</a>	<a href="https://www.worldcat.org/title/single-crystal-x-ray-study-of-6-phenyl-4-p-tolylpyridin-21h-one/oclc/1187295279">https://www.worldcat.org/title/single-crystal-x-ray-study-of-6-phenyl-4-p-tolylpyridin-21h-one/oclc/1187295279</a>	Yes
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<a href="https://www.sciencedirect.com/journal/catalysis-communications">https://www.sciencedirect.com/journal/catalysis-communications</a>	<a href="https://daneshyari.com/en/article/6503098">https://daneshyari.com/en/article/6503098</a>	Yes
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<a href="https://www.electrochem.org/publications/jss/">https://www.electrochem.org/publications/jss/</a>	<a href="https://iopscience.iop.org/article/10.1149/2.0292001JSS">https://iopscience.iop.org/article/10.1149/2.0292001JSS</a>	Yes
<a href="http://www.ipindexing.com/journal-details/International-Research-Journal-Of-Humanities,-Language-And-Literature/244">http://www.ipindexing.com/journal-details/International-Research-Journal-Of-Humanities,-Language-And-Literature/244</a>		No

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