

3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the year 2022-23							
Sl. No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of pub.	ISSN number	Link to the recognition in UGC enlistment of the Journal/ DOI
1	Copper borate (CuB ₄ O ₇)-promoted multi-component green synthesis of 2,4,5-triarylimidazole derivatives and evidence of in situ conversion of copper borate (CuB ₄ O ₇) into Cu(OAc) ₂ in the presence of NH ₄ OAc	Sailesh Chettri, Sumiran Tamang, Kiran Pradhan, Dhiraj Brahman	CHEMISTRY	RSC Advances	Jul-23	2046-2069	DOI: https://doi.org/10.1039/D3RA03183G
2	Synthesis, crystal structure, Hirshfeld surface analysis and catalytic activity of new Cobalt (II) complex of 4-Nitrobenzoic acid and 1-Methylimidazole	Sumiran Tamang, Prasansha Rai, Sailesh Chettri, Kiran Pradhan, Biswajit Sinha, Purak Das, Dhiraj Brahman	CHEMISTRY	Journal of Molecular Structure	Nov-23	0022-2860	DOI: https://doi.org/10.1016/j.molstruc.2023.136072
3.	Foreign Trade and Environment Resilience in Bhutan' in the journal '.	Sujoy Kanti Ghosal	Economics	Annals of Bhandarkar Oriental Research Institute	Vol. CI, Issue, 2024	0378-1143	
4.	Muktibodh ke Sangharshpurn Jeewan ke Dastaan	Emrencia Xalxo	Hindi	Sanvad	Vol. 16, Decemb er 2023, pp. 07–19	2231-0525	
5.	DFT study and electro-optic characterization of a	Debarghya Goswami	Physics	Molecular Crystals and Liquid Crystal	Jun-23	1542-1406 (print) 1563-5287 (Online)	http://dx.doi.org/10.1080/15421406.2023.2228642

	biphenyl benzoate based ferroelectric liquid crystal						
6.	Study of A Ferroelectric Liquid Crystal Mesogen by Geometrical Optimization and Electro-Optic Characterization	Debarghya Goswami	Physics	Journal of Scientific Research	Jan-24	2070-0245 (Online) 2070-0237 (Print)	http://dx.doi.org/10.3329/jsr.v16i1.65364
7.	Photographic Evidence of Incidental Sightings of the Vulnerable Asian Small-Clawed Otter (<i>Aonyx cinereus</i> Illiger, 1815) in the Mixed Forest of Darjeeling and Kalimpong District as Part of Central Himalaya.	Shuvam Sharma, Albina Subba, Ganesh Pradhan, and Abhijit Chhetri	Microbiology	IUCN Otter Specialist Group Bulletin	2024	10239030	http://www.otterspecialistgroup.org/Bulletin/index.html
8.	Exploring the Inclusion Complex of an Anticancer Drug with β -Cyclodextrin for Reducing Cytotoxicity Toward the Normal Human Cell Line by an Experimental and Computational Approach	Mahendra Nath Roy Antara Sharma, Pranish Bomzan, Debadrita Roy, Abhijit Chhetri, Subhankar Choudhury, Narendra Nath Ghosh, Salim Ali, Puja BK, Shilpi Ghosh, Ankita Dutta, Anoop Kumar	Microbiology	ACS Omega	2023	2470-1343	https://doi.org/10.1021/acsomega.3c02783
9.	Management of Alternaria Leaf Blight (<i>Alternaria alternata</i>) of Aloe vera by talc-based formulation of a potential antagonist	Manjula Rai	Botany	J. Mycopathol. Res. 61(3) : 391-396,	Sep. 2023	0971-3719 (Print), 2583-6315	https://imskolkata.org/

10.	Seasonal variation in bird diversity and abundance in Darjeeling hills of the eastern Himalaya, India.	Barkha Rai and Shuvam Sharma	Zoology	Romanian Journal of Biology - Zoology	2024	2248-3799	https://www.ibiol.ro/zoology/zoology.html
11.	Relationship between Maling bamboo (<i>Yushania maling</i>) invasion and decrease of plant species diversity in the Eastern Himalayan temperate forests	Upakar Rai and Barkha Rai.	Botany	<i>Environmental and Experimental Biology</i>	Sept. 2023	1691–8088/ 2255–9582	http://doi.org/10.22364/eeb.21.09
12.	Proclaiming Plant Growth Promoting and Antifungal Properties of <i>Pseudomonas lurida</i> and <i>Bacillus velezensis</i> Isolated from Rhododendrons of Darjeeling Hills	Shreyasi Biswas, Rajeshwari Chatterjee, Upakar Rai, Santosh Kumar Jana and Mahuya Mukhopadhyay	Botany	Current Microbiology	Jun-24	0343-8651 / 1432-0991	https://doi.org/10.1007/s00284-024-03900-9
13.	Exploring the Inclusion Complex of an Anticancer Drug with β -Cyclodextrin for Reducing Cytotoxicity Toward the Normal Human Cell Line by an Experimental and Computational Approach	Antara Sharma, Pranish Bomzan, Niloy Roy, Vikas Kumar Dakua, Kanak Roy, Abhinath Barman, Rabindra Dey, Abhijit Chhetri, Rajani Dewan, 14. Ankita Dutta, Anoop Kumar, and Mahendra Nath Roy*	Chemistry	ACS OMEGA	2023	2470-1343	https://doi.org/10.1021/acsomega.3c02783
14.	Cu ₂ O facet controlled reactivity for peroxidase-like activity	Shivanand Chettri, Liang-Ting Wu, Sagarmani Rasaily, Debesh	Chemistry	<i>Catalysis Science & Technology</i>	2024		https://doi.org/10.1039/D3CY01399E

		Sharma, Bikram Gurung, Rajani Dewan, Sudarsan Tamang, Jyh-Chiang Jiang and Anand Pariyar*					
15.	Exploration of Various Interactions of Some Essential Amino Acids Prevalent in Aqueous Solutions of a Neurotransmitter (TYH) for Advanced Applications in Pharmaceutical Industries by Physiochemical Methodologies	Mantu Dey, Biswajit Ghosh , Modhusudan Mondal , Kangkan Mallick , Baishali Saha , Doli Roy , Paramita Karmakar , Subhajit Debnath , Habibur Rahaman , Rajani Dewan, Alankar Sharma and Mahendra Nath Roy*	Chemistry	<i>Journal of Chemical, Biological and Physical Sciences</i>	2024	2249 – 1929	DOI: 10.24214/jcbps.A.14.3.20531.
16.	The Living Arrangements of Elderly People in Siliguri, West Bengal: An Empirical Investigation, pp. 1938=1944	Sourajit Roy	Sociology	Naturalista Campano	2024	1827-7160	https://museonaturalistico.it/index.php/journal/article/view/365
17.							

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