

Christ Church College, Kanpur

Research Publications - 2025 (JULY - DEC.)

S.No	Title of paper	Name of the author/s	Department	Journal	Year of Publication	ISSN number	Link to the recognition of the Journal
1	Effect of Alfvén number on propagation of acceleration waves under the action of oblique magnetic field	Singh, R. ; Singh, L.P.; Singh, S.; Sakthivel, R.	Mathematics	Physica Scripta	Jul, 2025	1402-4896	10.1088/1402-4896/adee5d
2	Graphene Oxide and [Bismuth Ferrite–Barium Titanate] -Incorporated Piezoelectric Polymer-Based Composites for Electrical Energy Storage Applications	Swain, B.; Lipsa,L.; Behera, S.; Parida, S.; Panda, A. B.; Kumar, A.	Physics	Energy Technology	Jul, 2025	2194-4296	https://doi.org/10.1002/ente.202500338
3	Silver king Kuch Takniki Khamiyon ke Sath(article)	Khan, N.H.	Urdu	Zaban O Adab	Jul, 2025		https://drive.google.com/file/d/1TCytk9Y_xWn-8n2xDxSBngeJ_pdtHjKC/view?usp=sharing
4	Tailoring green light emission to white light for a Tb3+-doped ZnO-SrAl2O4 nanocomposite	Singh,V. P.; Singh, S. P. ; Kumar, M.; Rath, C. Parida, S.; Kumar, A.	Physics	Materials Research Innovations	Aug, 2025	1433-075X	https://doi.org/10.1080/14328917.2025.2542407
5	Urban Heat Island–A Strong Contributor to Climate Change–Case Study of Jaipur with Emphasis on Urban Forestry and Sustainable Development	Bhattacharya, A. ; Das, T.; Bhargava, A.	Chemistry	International Journal of Earth Sciences Knowledge and Applications	Aug, 2025	2687-5993	https://doi.org/10.5281/zenodo.17021985
6	Fermentation of high sucrose feed such as secondary juice and BH-molasses: Solutions	Tangri, A.; Bhattacharya,A. ; Sahgal,M.	Chemistry	International Journal of Recent Scientific Research	Aug, 2025	0976-3031	https://recentscientific.com/sites/default/files/214_14.pdf
7	Synthesis and study of graphene oxide obtained from waste transparent polythene bags using Modified Hummers method	Shukla, S.; Kamal, M.	Chemistry	Condensed Matter and Interphases	Sept, 2025	2687-0711	https://doi.org/10.17308/kcmf.2025.27/13011
8	Health Effects of Sulfur and Nitrogen Oxides alongwith Particulate Matter and Phthalate on Women and Children: An Investigation on Air Pollutants	Tripathi,S.; Pandey, S.; Bhattacharya, A.	Chemistry	British Journal of Multidisciplinary and Advanced Studies	Sept, 2025	2517-2778	https://doi.org/10.37745/bimas.2022.04953
9	Preservatives for molasses and influence of dextran in sugar industry	Tangri, A.; Bhattacharya,A.	Chemistry	Global Journal of Engineering Science and Researches	Sept, 2025	2348–8034	https://www.gjesr.com/Issues%20PDF/2025/September-2025/Gjesr%20current-25-26_mollases.pdf
10	A Comprehensive Review of Vetiver (Chrysopogon zizanioides) - Chemical Composition, Biological Properties, Cultivation, and Applications	Verma, S.	Botany	International Journal of Plant and Environment	Sept, 2025	2454-1117	https://doi.org/10.18811/ijpen.v11i03.02
11	Corporate Governance in the Indian Banking Sector: An Empirical and Conceptual analysis at the aggregate sector level	Agarwal, B.K. ; Kumar, P.	Commerce	Journal of Advances and Scholarly Researches in Allied Education (JASRAE)	Oct, 2025	2230-7540	https://doi.org/10.29070/e9x15d32

12	Statistical and Computational Models for Accurate Calibration in Spectroscopy-Based Environmental Monitoring	Bhattacharya, A. ; Sisodia, N.; Varshne, G.; Prakash, A.; Upadhyay, S.; Sharma, K.; Sharma, A. K.; Kumar, A.	Chemistry	Journal of Carcinogenesis	Oct, 2025	1477-3163	https://doi.org/10.64149/J.Carcinog.24.9s.160-166
13	Comprehensive Review on the Multifaceted Properties of Ocimum sanctum (Tulsi): Antimicrobial, Antioxidant, Anti-inflammatory, Antidiabetic, and Ecological Benefits with Cultivation Insights	Verma, S. ; Singh, S.	Botany	Indian Forester	Oct, 2025	2321-094X	https://doi.org/10.36808/ijf/2025/v15i7/170700
14	Study of Dielectric Property of Interpenetrating Polymer Network of Graphene and Poly(α -methyl styrene)	Mishra, S.; Kamal, M. ; Dwivedi, R. K.; Baskey, H.B.; Jafri, M. M.; Shukla, S.	Chemistry	Doklady Chemistry	Nov, 2025	1608-3113	10.1134/S0012500824600792
15	Ambient volatile organic compounds (VOCs) in an industrial region of North India	Tangri, A.; Bhattacharya, A.	Chemistry	International Journal of Green and Herbal Chemistry	Nov, 2025	2278-3229	DOI: 10.24214/IJGHC/GC/14/4 /59299
16	Multipolarity in International Relations: Post-Globalization Dynamics and Global Order Transformation	Trivedi, M. ; Jaiswal, V.	Political Science	International Journal of novel research and development	Dec, 2025	2456-4184	https://ijnrd.org/papers/IJNRD2512187.pdf
17	Dramatic Expansion of Bimodal Redox window of Indigo by two electron redox processes,	Roy, M.; Maji, M.; Singh, V.; Dey, D. ; Adhikari, D	Chemistry	Nature Communications	Dec, 2025	2041-1723	https://doi.org/10.1038/s41467-025-66186-w
18	Carbon Footprint Analysis of Sugarcane Syrup-derived Ethanol Production in an Indian Distillery;	Pandey, S.; Paroha, S.; Ranganathan, A.; Tripathi, S.; Dey, D.	Chemistry	Journal of Indian Association for Environmental Management,	Dec, 2025	2582-4228	https://or.niscpr.res.in/index.php/JIAEM/article/view/25043
19	Amarkant ke katha sahitya mein Chitrit Samayik Samasyaon Ka Ankan	Chaturvedi, S. ; Kumar, P.	Hindi	Shodh Rityu	Dec, 2025	2454-6283	https://drive.google.com/file/d/1MJn3JKfOENJC MRI3uBPSEsbOS_ujurK/view?usp=sharing
20	Paryavaran Chetra aur Vaidik Sahitya	Chaturvedi, S.	Hindi	Aakhar Hindi Patrika	Dec, 2025	2583-0597	https://doi.org/10.5281/zenodo.18095754