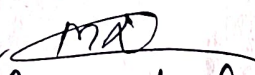



Research Publication by Faculty Members and Scholars during July 2025 to Dec. 2025.

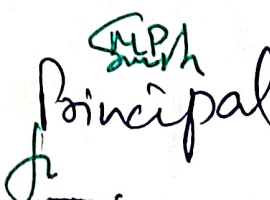
Janta Vedic College, Baraut, has consistently upheld a strong commitment to academic excellence and the advancement of knowledge through quality research. The faculty members and research scholars of the institution actively engage in scholarly pursuits, contributing significantly to their respective disciplines. Their research endeavours are reflected in a substantial number of publications in reputed national and international journals. The college's research output includes publications in peer-reviewed, refereed, Scopus-indexed, and UGC-CARE listed journals, reflecting high academic standards, global visibility, and the authenticity of its scholarly work.

Research Publication by Faculty Members and Scholars during July 2025 to Dec. 2025.

S.No	Title of Paper	Author(s)	Year	Journal/Source	DOI/Link
1	Dysbiosis of the rice leaf phyllosphere induced by Magnaporthe oryzae infection: evidence from metabarcoding and microbiome imprinting (July 2025)	Krishnappa, C., Sahu, K. P., Ashajyothi, Mukesh Kumar, M., Reddy, B., & Kumar, A.	2025	International Microbiology	https://doi.org/10.1007/s10123-025-00691-2
2	Impact Of Shishu Kishor And Tarun Categories Of Mudra Yojana On Msme Growth In Uttar Pradesh (August 2025)	Ritik Kumar, & Dr Lokendra Singh	2025	International Journal of information movement	
3	Synthesis And Characterization Of Nickel(II) And Copper(II) Complexes With A Tetraphenyl-Dibenzo Tetraazacyclohexene Macrocycle: Structural And Dna Binding Studies (Sep 2025)	Rahul Kumar Umendra Kumar	2025	Journal Of Basic Science And Engineering	https://doi.org/10.65985/jbse.2025572253
4	Visible-light-induced decarboxylative acylation of unsaturated hydrocarbons with α -oxocarboxylic acid via Csp ² -Csp ² cross-coupling: a facile access to chalcones (Oct 2025)	Aman Singh, Ambuj Kumar Kushwaha, Shikha Pandey, Pooja Kumari, Ankur Yadava and Sundaram Singh	2025	RSC Sustainability	DOI: 10.1039/D5SU00684H
5	Refining steviol glycoside production in Stevia rebaudiana via elicitors under sodium stress (Dec 2025)	Akankhya Guru, Padmanabh Dwivedi	2025	Vegetos (Springer)	10.1007/s42535-025-01566-7
6	Titchmarsh theorems on Damek-Ricci spaces via moduli of continuity of higher order.	Manoj Kumar, Vishvesh Kumar, and Michael	2025	International	https://doi.org/10.1016/S0367-326X(00)00206-9

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		Ruzhansky		Journal of Mathematics	
7	Genomic-assisted Pyramiding of Semi-dwarfism and Micronutrient-enrichment Traits for Developing Climate-smart Wheat (<i>Triticum aestivum</i> L.)	Sachin Kumar, Raju Ratan Yadav, Jajati Keshari Nayak, Himanshika L. Bisht, Avinash Singh, Imamuddin Shah, Ajeet Singh, Rajesh Gupta	2025	Journal of Advances in Biology & Biotechnology	10.9734/jabb/2025/v28i92871
8	Impact of halide variation on the optoelectronic properties of double perovskites	Deepak Choudhary, Mandeep Kaur, Govind Sharma, Rahul Palsaniya, Swarnkesh Loyalka, Satpal Singh, Updesh Verma, Prashant Yadav & Manendra	2025	Scientific Reports	10.1038/s41598-025-98686-6
9	Seasonal Variations in Physicochemical Parameters and their Impact on Aquatic Life	Anil Kumar	2025	International Journal of Modern Science and Research Technology	https://doi.org/10.5281/zenodo.16402855
10	Farmers' Challenges in Mentha Cultivation: A Regional Perspective	Ajeet Kumar Bajpai, Sunil Kumar, Aman Verma, Akanksha Singh, G.P. Singh, Ravi Shankar	2025	The Bioscan	10.63001/tbs.2025.v20.i03.pp912-922
11	Communication Behaviour of Mentha Growers in Barabanki and Lucknow Districts of Uttar Pradesh.	Ajeet Kumar Bajpai, Aman Verma, Sunil Kumar, Arvind Kumar, Akanksha Singh, G.P. Singh, Ravi Shankar	2025	The Bioscan	10.63001/tbs.2025.v20.i04.pp658-671
12	Csp3/Csp2-H Functionalized Oxidative [3+2+1] Cyclization for Synthesis of Pyrido[2,3-d]pyrimidines	Himanshu K. Singh Arsala Kamal Ambuj Kumar Kushwaha Abhishek Jaiswal Shikha Pandey Vandana Srivastava Sundaram Singh	2025	SYNTHESIS	10.1055/a-2685-8910

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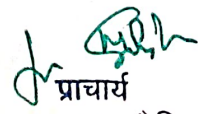
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13	One-dimensional photonic crystal-based optical biosensor for anemia diagnosis	Vipin Kumar, Sanjeev Sharma, Isha Chaudhary, Prashant Yadav, Ravinder Kumar	2025	Journal of Computational Electronics	10.1007/s10825-026-02526-3
14	Design and Analysis of a 1D Photonic Crystal-Based Optical Reflector Incorporating Superconductor-Semiconductor Layers	Isha Chaudhary, Vipin Kumar, Ravinder Kumar	2025	Journal of Condensed Matter	https://doi.org/10.61343/jcm.v4iS1.184
15	Angular Dependence of Defect Mode in One-dimensional Photonic Crystals	Isha Chaudhary, Vipin Kumar, Ravinder Kumar	2025	Journal of Condensed Matter	https://doi.org/10.61343/jcm.v4iS1.203
16	A Review on Sustainable Plant Disease Management through Integrated Approaches	Rahul Singh Raghuvanshi, Anand Milan, Bhavna Sharma, Saikheda, Chhindwara, Dipanjali Bag, Rashmi Nigam, Swagatika Babu, Shiwali Dhiman	2025	Journal of Experimental Agriculture International	10.9734/jcai/2025/v47i123972
17	Biocontrol Agents for Sustainable Management of Plant Pathogens: A Review	Shakshi Singh, Rashmi Nigam, Khushboo Dubey, H. Vanlalhmulliana, Suresh Patil, Mandeep Singh, Ruchi Kramsapi and Sunil Kumar Sharma	2025	Uttar Pradesh Journal of Zoology	https://doi.org/10.56557/upjz/2025/v46i185250
18	A Review on Sustainable Plant Disease Management through Integrated Approaches	Rahul Singh Raghuvanshi, Anand Milan, Bhavna Sharma, Shivani Raghuvanshi, Dipanjali Bag, Rashmi Nigam, Swagatika Babu and Shiwali Dhiman	2025	Journal of Experimental Agriculture International	https://doi.org/10.9734/jcai/2025/v47i123972
19	Impact of B-site Cation Transmutation in Halide Perovskites CsXBr ₃ (X = Pb, Sn)	Deepak Choudhary, Shahjadi Khatoon, Sandeep Sirohi, Jagriti Tyagi, Updesh Verma, Manendra and Prashant Yadav	2025	Semiconductors,	10.1134/S106378262560295X




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