

Research Publications 2025 (SCOPUS INDEXED)

Year	Department	Name of the author	Title of the paper	Name of the Journal
2025	Applied Psychology	Sabeen H Rizvi	A Systematic Review of Non-suicidal Self-Injury in India.	The International journal of social psychiatry
2026	Applied Psychology	Poonam Phogat	‘Who will hear me? Stakeholders experiences of schooling without counselors in Assam, India’	Education 3-13
2025	Botany	Aparajita Mohanty, Reema Mishra, Preeti Agarwal	Plant-derived Cyclotides in Immunomodulation and their Therapeutic Potential	Protein and Peptide Letters
2025	Botany	Aparajita Mohanty, Reema Mishra, Preeti Agarwal	Transcription Factors: Major Regulators of Anther Development in Rice	Journal of Plant Growth Regulation
2025	Botany	Aparajita Mohanty, Reema Mishra	Harnessing transcriptome data of Viola inconspicua for discovery of novel cyclotides and AEP ligases	Computational Biology and Chemistry
2025	Botany	Renu Soni and Gayatri Tripathi	Flood-induced in vitro shoot regeneration in Vigna aconitifolia and Lens culinaris using thidiazuron: a novel stress-driven approach.	In Vitro Cellular & Developmental Biology - Plant
2025	Botany	Geeta Prakash, Garvita Singh, Renu Soni, Anjana Rustagi,	Exploring the potential of Indian traditional medicinal plants in cancer prevention and management: A narrative review.	<i>Medicinal Plants-International Journal of Phytomedicines and Related Industries</i>
2025	Botany	Neha Singh, Geetika Kalra, SC Bhatla	NO-mediated protein tyrosine nitration crosstalks with melatonin homeostasis and HO-1 activity in mitigating salt stress in sunflower seedlings.	Journal of Plant Biochemistry and Biotechnology

	Botany	Neha Singh, Shubhra Barwa, Geeta, Khushboo Lamba, Anjana Rustagi	Exploring the Functional Roles of Secondary Metabolites in Brassica Defense Networks.	Journal of Biosciences
2025	Botany	Aarti Kumari	Role of Pseudomonas putida CKVF1 in Alleviating Arsenic-Induced Stress in Vicia faba L.	Journal of Pure and Applied Microbiology
2025	Chemistry	Beena Negi	Green ZnO nanoparticle synthesis using Tamarindus indica and application as a potent antibacterial and anticancer agen	Sustainable Chemistry for Climate Action
2025	Chemistry	Geeta Saini, Swati Sharma and and Shraddha R. Bhat	A colourful solution to floral waste: an approach for sustainable environment and its relation to a small business model	Int. J. Innovation and Sustainable Development
2025	Chemistry	Vaijyanthi Bhashyam	Before You Click: Understanding the Potential Energy Surface of Water	International Journal of Computational and Theoretical chemistry
2025	Chemistry	Tanu Shree, Simran Arora, Sahrish Aftab and Shailesh Kumar	Identification of tRNA-Derived Fragments in Legumes	Springer Nature
2025	Chemistry	Geeta Saini	Synthesis, characterization and photocatalytic degradation of textile dyes using ZnO, CuO and ZnO–CuO nanocomposites	Nano Express
2025	Chemistry	Manisha Singhla	Synthesis of Transition Metal Nanoparticles Immobilized to Graphene (GO and RGO) as an Enhancer of Dissolved Oxygen with Reduced Band-Gap Energy	Journal of Electronic Materials
2025	Chemistry	Manju K. Saroj	In-Depth Insights Into the Excited State Intramolecular Proton Transfer of Biologically Active Triazene Derivatives of Oxazole	Journal of Physical Organic Chemistry

2025	Commerce	Geeta Sidharth	Leadership Vulnerability: A Grounded Theory Approach To Conceptualize, Instrumentation, And Its Content Validity Assessment	Current Psychology
2025	Commerce	Geeta Sidharth, Anam Khan	Does Governance Matter in Educational Outcomes? A Panel Data Analysis of BRICS Nations	Administration & Society
2025	Commerce	Rinki Gour	Effect of Director Interlocks, Composition of Board and Family Involvement on IPO Underpricing: An Empirical Study of IPOs in India	Management and Labour Studies
2025	Commerce	Manindra Kumar	Exploring social responsibility towards gig workers: a comprehensive review and future research directions	Social Responsibility Journal
2025	Commerce	Muskan Khatri	Increasing digitalization of the workplace: is the workforce ready?	Journal of Asia Business Studies
2025	Commerce	Geeta Siddharth	Diversity, Equity, Inclusion, and Belonging Framework in the Cultivation and Consumption of Kalanamak Rice: A Case Study	Business Perspectives and Research
2025	Economics	Nivedita Mullick, Areej Aftab Siddiqui, Arij Lahmar	How partner similarity impacts India's economic integration agreements & trade margins? An empirical analysis	Journal of Social and Economic Development
2025	Education	Jyoti Raina	Student-Teacher Research in Initial Teacher Education: Vignettes from India's Bachelor of Elementary Education Programme	Contemporary Education Dialogue

2025	Education	Jyoti Raina	Unequal Schooling in India: Multilayered Hierarchies of Access	Economic and Political Weekly
2025	Education	Jyoti Raina	Y. Aiyar, Lessons in State Capacity from Delhi's Schools	Contemporary Education Dialogue
2025	English	Sahin Shah and Nandini C. Sen	A Long-Awaited Journey: Locating Home and Nationhood in Mammo and Ramchand Pakistani	BOOK Chapter, Springer, Singapore
2025	English	Sutapa Dutta	From Travel Handbooks to Railway Guidebooks: for a "Just conception" of colonial India	Studies in Travel Writing
2025	English	Sutapa Dutta	Review of The Routledge Companion to the History of Education in India, 1780-1947.	History of Education
2025	English	Sutapa Dutta	From the Koh-i-noor to the Hitopadesha: Consumption of Indian Antiquities in the Colonial Market	Diciottesimo Secolo
2025	Mathematics	Manpreet Kaur and Amit Srivastava	A new approach to construct basic probability assignment and its applications in data classification	Bulletin of the transilvania University of Brasov, Series III: Mathematics and Computer Science
2025	Mathematics	Ramakant Prasad	Computational Analysis of Visakhapatnam Port with Variable Bathymetry using SBEM	AIP Conference Proceedings
2025	Mathematics	Varinder Kumar and Sapna Malhotra	K -Block Frames in Hilbert Spaces	International Journal of Wavelets Multiresolution and Information Processing
2025	Mathematics	Ramakant Prasad	Assessing wave energy spectra at major Indian ports using the dual reciprocity boundary element technique	Ocean Engineering
2025	Mathematics	Ramakant Prasad	Assessing renewable energy potential: wind and wave trends along major Indian ports	Journal of water and climate change

2025	Mathematics	Ramakant Prasad	Assessing CMIP6 Model Accuracy in Capturing Wind Speed Variability During Indian Ocean Dipole Events	Pure and applied geophysics
2025	Microbiology	Indra Mani	Advancements in CRISPR-Cas Systems for Genome Editing towards Eradication of Human Microbial Pathogens	<i>Molecular Biotechnology</i>
2025	Microbiology	Indra Mani	Emerging concept of genomic islands in bacterial adaptation and pathogenicity.	<i>Research in Microbiology</i>
2025	Microbiology	Naina Mathur	Valorization of agro-waste of pea: challenges, current developments, and circular bioeconomy	Food Chemistry: X
2025	Philosophy	Rekha Navneet	Parenting and Ethical Deliberations on the Use of Technology as a Mode of Care	Culture and Dialogue
2025	Physics	Vandna Luthra	Deciphering the structural, morphological, and electrical properties of rare-earth incorporated barium stannate titanate dielectric material	Journal of Advanced Dielectrics
2025	Physics	Alka Garg	Impact of low dose of gamma irradiation on thin films of Bismuth Tri-iodide	Applied Radiation and Isotopes
2025	Political Science	Anita Bhatt	India's Path to Sustainability: Environmental Impact of the Basel Convention Ban Amendment	Urban India (Volume: 45, Issue No: 1)
2025	Zoology	Rashmi Saini	Emerging nanotechnological applications in preserving and improving the shelf life of food	Pharmaceutical Nanotechnology

2025	Zoology	Poonam Sharma	Ramification of mycogenic copper oxide nanoparticles on wastewater remediation from selected sites of Yamuna River. Environ. Geochem. Health. 47, 467.	Environmental Geochemistry and Health
2025	Zoology	Poonam Sharma	From Meals to Menarche: The Influence of Nutrition and Lifestyle on Early Menarche in Indian Girls. J. Exp. Biol. Agric. Sci. 13(5), 726–737.	Journal of Experimental Biology and Agricultural Sciences
2025	Zoology	Kuntal	AZIN1-centric dynamic network biomarker of tipping point in non-small cell lung cancer metastasis.	J App Biol Biotech. 2024; 12(3):205-213
2025	Zoology	Kuntal	Unlocking new aspects of healthcare through artificial intelligence.	Journal of carcinogenesis. 24 (8s): 296-304
2025	Zoology	Smriti Sharma	Biology and Lifetable of Diamond Back Moth <i>Plutella xylostella</i> (L) on Cruciferous Crops.	Indian Journal of Entomology, 87(4), 1–7.
2025	Zoology	M. Divya Ganeswari	In silico insights into the molecular mechanisms of <i>Eclipta alba</i> leaf fractions enhancing nonspecific immune mechanisms and resistance to <i>Aeromonas hydrophila</i> in <i>Oreochromis mossambicus</i> (Peters)	Aquaculture Reports
2025	Zoology	M. Divya Ganeswari	Praseodymium-doped zinc oxide nanoparticles: preparation and its manifold applications	European Physical Journal B

2025	Zoology	M. Divya Gnaneswari	Enhanced Antibacterial and Anticancer Activities of Vanadium-Doped ZnO Nanoparticles: Effect of Doping Concentration	Bulletin of the Lebedev Physics Institute
2025	Zoology	M. Divya Gnaneswari	Differential Immunostimulatory Effects of Hydrophilic and Hydrophobic Solanum trilobatum Fractions in Tilapia”,	Biology
2025	Zoology	Chaitali Ghosh	Computational exploration of the genomic assignments, molecular structure, and dynamics of the ccdABXn2 toxin-antitoxin homolog with its bacterial target, the DNA gyrase, in the entomopathogen Xenorhabdus nematophila	Journal of Biomolecular Structure and Dynamics
2025	Zoology	Jasvinder Kaur	Adaptations, diversity, and biotechnological potential of thermophilic microorganisms: exploring culture-dependent and culture-independent approaches in extreme environments	3 Biotech
2025	Zoology	Poonam Sharma	Silica Nanoparticles: Unlocking New Possibilities for Soil and Water Remediation	Journal of Environmental Nanotechnology