



Preeti Sharma

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Profile

Dr. Preeti Sharma is an academician with more than twelve years of experience in teaching, research, and academic administration in higher education. She has taught across disciplines including Forensic Science, Zoology, Paramedical Sciences, Nursing, and Nutrition.

She earned her Ph.D. in Zoology from the University of Rajasthan in 2012, with a doctoral thesis examining the effects of Acephate, an organophosphate insecticide, on testicular function, oxidative stress, and antioxidant activity in Wistar rats. This early focus on reproductive toxicology shaped much of her subsequent research direction. She completed her M.Sc. in Zoology, followed by a second M.Sc. in Dietetics and Food Service Management and later earned a B.Ed., rounding out a career-long engagement with formal academic training alongside her research work.

Her research output includes more than 35 published articles in national and international journals, together accounting for 419 citations and an h-index of 11. She has also contributed as an author of book chapters exploring the intersection of artificial intelligence with food processing and nutritional guidance in collaboration with Inspira Publications and Taylor & Francis. Alongside her own publishing record, she has also served as a peer reviewer for research papers, contributing to the evaluation of scholarly work submitted to academic journals.

She has supervised six Ph.D. scholars to completion, in addition to advising numerous postgraduate thesis projects. She has also been active in the wider academic community through conference organization and invited talks. She has organized four national and international conferences, including a Global Conference on Innovation and Practices in Multidisciplinary Research held in collaboration with Banat's University in Romania.

She has delivered keynote addresses at events such as the International Conference on Advances in Smart Agriculture and Biodiversity Conservation and Agri Skill India, speaking on topics ranging from sustainable agriculture to stem cell therapies. In 2022, she received the Young Scientist Award at the Global Conference on Emerging Trends in Research and Development, in acknowledgment of her research contributions in zoology and food and dietetics. She also holds two awarded design patents: one for a wearable device to monitor stress hormones, registered in India in 2023, and another for a device to detect neuropathy in

the legs, registered in the United Kingdom the same year. These patents point to an interest in applying scientific research toward practical, health-monitoring tools, connecting laboratory work with real-world use. She has successfully completed the UGC Faculty Induction Programme (Guru-Dakshta) and the UGC Malaviya Mission Teacher Training Programme (NEP 2020 Orientation), further strengthening her commitment to quality education and academic leadership.

Taken together, Dr. Preeti Sharma's career reflects a long-term engagement with Indian higher education and scientific research, spanning toxicology, forensic science, nutrition, and emerging technology, alongside consistent involvement in mentorship, academic administration, and knowledge-sharing through publications, conferences, and applied invention.