




**INSTITUTE OF HOME ECONOMICS**  
**UNIVERSITY OF DELHI**



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Additional Qualifications: M.Sc. (Zoology) Spl. Entomology M. Phil. (Zoology) Spl. Entomology Ph. D. (ZOOLOGY) Spl. Entomology Research associate... Zoology Dept. (D.U.)		
Teaching experience: 30 years		
Subjects/Papers Taught: Zoology, Biology, Microbiology		
Research Interest/Specialization: Biology related topics, Pests and their control, Vermicomposting, Sericulture		
Research Projects		
Title	Funding agency/organization	Duration of Project
Evaluation of chemical and Microbiological quality of vermicompost prepared from different organic waste materials using red worms <i>Eisena foetida</i>	U.G.C	3 years

Research papers since 2010(APA format)

1. Evaluation of Microbiological Quality of Vermicompost Prepared from Different Types of Organic Wastes using *Eisenia fetida*, Agricultural science Digest, 2021
2. Innovations in Silkworm Rearing and Importance: Recent Advances, Journal of the Textile Association, 2021.
3. Biotechnological Applications of Microbial Enzymes to Replace Chemicals in the Textile Industry- A Review, Journal of the Textile Association, 2021.
4. Compositional Evaluation of Vermicompost Prepared from Different Types of Organic Wastes using *Eisenia fetida* and Studying its Effect on Crop Growth, Indian Journal of Agricultural Research, 2021.
5. Microbial therapeutic enzymes: A promising area of biopharmaceuticals, Current Research in Biotechnology, 2021
6. Recent Developments in Biopesticides as Potential Substitutes to Chemical Pesticides, Research Journal of Agricultural Sciences, 2021
7. Effect of one-day training on Knowledge related to Biosafety and waste management among life-science Students, Indian Journal of Community Health, 2020.
8. A Questionnaire based Pilot Study of Sleep Patterns and Problems among the Elderly in Delhi, International Journal of Current Advanced Research, 2020.
9. A pilot study on prevalence of malnutrition, pain, depression and anxiety in elderly population in Delhi, Journal of Clinical Gerontology & Geriatrics, 2018.
10. Vermicomposting- A technology for waste management and recycling and its relevance to horticulture, International Journal of Innovative Horticulture, 2013.
11. Biology of an Egg Parasite of *Callosobruchus maculatus* (Fab.) (Coleoptera: Bruchidae), Journal of Stored Products Research, 1995.

Books published/edited

Laboratory Manual in Biology, APH publications, 2020.

Book chapters published/edited :2