




INSTITUTE OF HOME ECONOMICS
UNIVERSITY OF DELHI



Name	MANISHA KUMARI	Photograph
Designation	Assistant Professor	
E-mail	manisha.kumari@ihe.du.ac.in	
Educational Qualifications: M.Sc. Home Science (Clothing and Textiles)		
Teaching Experience: nil		
Subjects/Papers Taught: nil		
Awards received <ul style="list-style-type: none">• Award of National Talent Scholarship (ICAR) during Masters Programme• Qualified UGC NET-JRF in the subject of Home Sciences in 2020• Qualified ASRB NET in the subject of Home Sciences in 2023		
Research Interest/Specialization: Dyeing (natural dyes), Printing and Natural fibers		
ORCID No. : 0000-0001-9493-1452		
Research Projects: nil		
Title	Funding agency/organization	Duration of Project

Research papers since 2010

- **Kumari, M.,** Gahlot, M., Rani, A., & Sakshi (2020). Extraction of natural dye from the leaves of Wild Himalayan pear (*Pyrus pashia*) and optimization of the dyeing parameters using Box-Behnken Design (RSM). *Journal of Applied and Natural Science*, 12(4), 497-503.
- **Kumari, M.,** Gahlot, M. Chaturvedi, P., & Rani, A. (2022). Characterization of natural dye extracted from the leaves of Wild Himalayan pear (*Pyrus pashia*) by phytochemical analysis and FT-IR spectroscopy. *Environment and Ecology* 40 (4A) :2163—2169. ISSN 0970-0420
- Gahlot, M., Singh, B., **Kumari, M.** and Bala, R. (2023). Value addition of Himalayan nettle fiber. *The Pharma Innovation*, SP-12(10):751-756

Any Other

Review Paper:

- **Kumari, M., & Sakshi** (2022). An Overview of Marine Textiles. *International Journal for Modern Trends in Science and Technology*, 8(01): 318-323. ISSN: 2455-3778 <https://doi.org/10.46501/IJMTST0801055>

Book Chapters:

- **Kumari, M., and Pant, K.** (2023). Recent Sustainable Technologies for Dye Application. In *Recent Trends in Community Science*. ISBN: 978-93-5819-026-7, Bluerose Publishers

Training given:

- Training is given on “Nettle fiber processing and chemical optimization” from 10 to 11, December, 2022 organized by Uttarakhand Bamboo and Fiber Development Board, Dehradun.

Training/workshops attended

- Participated in the Seventeenth All India Agricultural Universities Youth Festival 2016-17 held from February 22-25, 2017 at Rajasthan University of Veterinary and Animal Sciences, Bikaner.
- Attended training on “Natural Dyeing and Herbal Finishing” by ICAR-Central Sheep and Wool Research Institute, Avikanagar from January 05-11th, 2019.
- Presented Poster entitled “Dyeing of silk fabric with eco-friendly natural dye extracted from the leaves of wild Himalayan pear (*Pyrus pashia*)” in the International Conference on “Global Perspective in Agriculture and Applied Sciences for Food and Environmental Security” during 1-2 December, 2019 at UGC- HRDC Hall, Kumaun University Nainital, Uttarakhand
- Presented an idea in the Webinar on “Startup Ideas for Clean and Green India” organized by AICRP-Women in Agriculture, College of Home Science, G.B.P.U.A. & T Pantnagar. 10th August, 2021.
- Presented a poster in the IV International Conference in Online mode on ICAAAS-2022 held on 12-14 June 2022 organized by Himachal Pradesh University, Summer Hill, Shimla, H.P.
- Presented a poster entitled “Preserving sculpture design of Jageshwar temple by Transferring them on textiles” at the National Conference held at NIFT Kangra on 5-6th August 2022.