



Name : Dr. Rekha Meena

Present designation : Assistant Professor

Email and mobile/landline number : [rekha.kr110@gmail.com](mailto:rekha.kr110@gmail.com), 0130 2281263

Educational Qualification with affiliation : Ph.D. from ICAR-IARI, New Delhi

Post-Doc assignments : N/A

Working with NIFTEM since : 2020

Areas of interest and specialisation : Climate change mitigation; Protected cultivation; Microgreens

Research projects (ongoing) : 0

Research projects (Completed) : 0

Books edited : 0

Research publications (Top 5-10):

- Sobhanan, A., Meena, R., Meena, B. R., Mishra, G.P. (2024). *Aloe vera* gel coating of *Brassica juncea* and *Lactuca sativa* microgreens to reduce microbial rotting and extend postharvest shelf life. *Journal of Mycology and Plant Pathology*, 53(3), 308-317.
- Meena, R. K., Vashisth, A., & Das, T. K. (2021). Effect of conservation agriculture on soil hydrothermal regimes, crop evapo-transpiration and water productivity of wheat crop in the semi-arid region of North-Western India. *Journal of Soil and Water Conservation*, 20(4), 424-430.
- Meena, R., K., Vashith, A., & Das, T. K. (2021). Effect of Different Conservation Tillage Practices on Evapo-transpiration and Water Use Efficiency in Maize Crop (*Zea mays* L.). *Journal of Agricultural Physics*, 21(2), 435-444.
- Meena R.K., Vashisth A., Das T.K. (2020). Crop water requirement for wheat under different conservation practices in semi-arid region of India. *Journal of Soil and Water Conservation*. **19**(1): 65-72.
- Meena R.K., Meena S. L. (2021). Effect of different conservation agriculture practices on resource use efficiency in pigeonpea crop at semi-arid region of North-Western India. *Multi- disciplinary approaches for development of agriculture and allied sectors in global scenario*. Vidya Kutir Publications, New Delhi, 108-120.
- Natasha R.K., Meena R.K., Saurabh K. (2022). Water footprint management in agri-food industries. *New Approach on Agriculture, Forestry, Horticulture and Fishery (Research and Applied)*. Kripa-Drishti Publications, Pune, Maharashtra, 9-17.

- Saurabh, K., Meena, R., K., Kumar, P., Singh, A. K. (2023). Role of hyperaccumulators in the reducing of emerging industrial pollutants from soil. *Bioremediation of Emerging Contaminants from Soil*. Elsevier, Oxford, UK publication, 217-230.
- Sobhanan, A., Meena, R. (2024). Microgreens: Pioneering the future of sustainable nutrition. *Futuristic trends in agriculture engineering & food sciences*. IIP Series, Volume 3.

**Awards/Fellowships/ Special Attainments:**

- Received best paper award in International Conference on Agriculture, Biological and Life Science (ICABLS-2021) organized by Vidya Kutir Foundation, New Delhi on 25-26<sup>th</sup> Sep., 2021.