

Dr Rakesh Sharma
Professor (Associate)



Specialisation: Soil fertility and plant nutrition

Contact: +91 1972 262901 (O)

Cell: +91 94184 56352

E.mail: rakeshsolan@gmail.com; rakeshsoil@yaspuniversity.ac.in

Ongoing Research Projects

- Efficacy Studies of Phosphate Rich Organic Manure (PROM) On Important Fruit/Vegetable Crops of Himachal Pradesh, Department of Fertilizers, Ministry of Chemicals and Fertilizers, Government of India. Total budget: Rs. 98.33 lakhs.
- All India Co-ordinated Research Project on Fruits (HCR-197-63) funded by ICAR from 2018 onward. - Long term. (Co-PI).

Best 10 Research Papers

- Sharma R, Thakur N and Sood K. 2022. Spatial variability mapping of soil nutritional status of pea growing areas in Mandi region of Himachal Pradesh. *Indian Journal of Horticulture* **79**(3): 330-338. (NAAS Score 6.16)
- Sharma R and Chadak S. 2022. Residual soil fertility, nutrient uptake, and yield of okra as affected by bioorganic nutrient sources. *Communications in Soil Science and Plant Analysis* **53**(21): 2853-2866. (NAAS Score 7.58)
- Sharma R and Thakur I. 2022. Impact of bioorganic nutrients and chemical fertilizers on sustainable production of French bean and soil health. *Journal of Environmental Biology* **43**: 430-439. (NAAS Score 6.78)
- Kapoor A, Sharma R, Kumar A, Sepehya S. 2022. Biochar as a means to improve soil fertility and crop productivity. *Journal of Plant Nutrition* **45**(15): 2380-2388. (NAAS Score 8.28)
- Thakur N, Sharma R, Kumar A. and Sood K. 2021. Soil Fertility Appraisal for Pea Growing Regions of Himachal Pradesh using GPS and GIS Techniques. *Indian Journal of Agricultural Research* **55**(4): 452-457. (NAAS Score 5.20)
- Sharma R and Sood K. 2020. Characterization of Spatial Variability of Soil Parameters in Apple Orchards of Himalayan Region Using Geostatistical Analysis. *Communications in Soil Science and Plant Analysis* **51**(8): 1065-1077. (NAAS Score 7.58)
- Sharma R and Sood K. 2019. Soil fertility appraisal for apple orchards of Himachal Pradesh using GPS and GIS techniques. *Indian Journal of Horticulture* **76**(3): 417-422. (NAAS Score 6.16)

- Sharma R, Sharma V K and Sharma S D. 2018. Nutritional status of apple orchards in Kinnaur region of Himachal Pradesh. *Indian Journal of Horticulture* **75**(1): 39-47. (NAAS Score 6.16)
- Sharma R and Verma M L. 2011. Effect of Rhizobium, Farm Yard Manure and Chemical Fertilizers on Sustainable Production and Profitability of Rajmash (*Phaseolus vulgaris* L.) and Soil Fertility in Dry Temperate Region of North-Western Himalayas. *Legume Research* **34**(4): 251-258. (NAAS Score 6.67)
- Verma M L, Sharma R, Singh C. and Rathore A C. 2010. Influence of organic manuring on apple performance and soil properties in temperate zone of Himachal Pradesh. *Indian Journal of Soil Conservation* **38**(3), 212-216. (NAAS Score 5.28)

Books

- Sharma, R. 2017. Nutrient Indexing of Apple Orchards using Geo-Spatial Techniques. Lambert Academic Publishing - Germany. pp.71. (ISBN: 978-3-659-89753-5).
- Sharma, SD; Sharma, VK; Banyal, SK; Banyal, AK; Rana, V; Pandey, V; Yadav, A; Jarial, K and Sharma, R. 2021. Himachal Pradesh mein aam ki kheti. Dr. YSPUH&F, Nauni, Solan, HP. 84p. (ISBN: 9788194566441).

Awards & Recognitions

- Received an appreciation letter from the Director of Research of Dr YS Parmar University of Horticulture & Forestry, Nauni Solan (HP).
- Appreciation as Best Trainee in Winter School organised by the Division of Soil Biology, Indian Institute of Soil Science (ICAR), Bhopal (MP).