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Ongoing Research Projects

- All India Co-ordinated Research Project (AICRP) on Fruits (HCR-197-63) funded by ICAR. (Co-Principal Investigator)
- Development of fruit-based crop modules and production of feathered plants to generate technical know-how for extension of area under fruits in frost and non-frost subtropics of Himachal Pradesh (HMS-593-63) funded by Department of Agriculture (RKVY), Govt. of Himachal Pradesh for ₹ 148.0 lakhs. (Co-Principal Investigator).
- Development of package of practices for subtropical fruit crops (CS04 package) under HPSHIVA funded by Department of Horticulture, Govt. of Himachal Pradesh for ₹ 66.5 lakhs. (Co-Principal Investigator).

Important Research Publications

- 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***: 43*0**-4**39. (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 Agric**ul**tural Research* **55**(4): 452-457. (NAAS Score 7.58)

- 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. Nut**ri**ent 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.

Awards & Recognitions

- Received an appreciation letter from Director of Research of Dr YS Parmar University of Horticulture & Forestry, Nauni Solan (HP) during 2010.
- Appreciation as Best Trainee in Winter School organized by Division of Soil Biology**,** Indian Institute of Soil Science (ICAR), Bhopal (MP) w.e.f. December 1-21, 2010.