

CURRICULUM VITAE

PERSONAL INFORMATION

Name : **Himanshu Mehta**
PhD (Fruit Science)
Date of Birth : 16th February 1995
Permanent Address : Vill-Khaneti, PO-Batari, Teh-Kumarsain
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CAREER OBJECTIVE

I aspire to be part of a professional and proficient work environment, where I can channel my enthusiasm and dedication to contribute towards the organization's growth.

ACADEMIC QUALIFICATION

Ph.D Fruit Science	Dr Y S Parmar University of Horticulture & Forestry Nauni, Solan (HP)	2020-2023	8.25
M.Sc Fruit Science	Dr Y S Parmar University of Horticulture & Forestry Nauni, Solan (HP)	2017-2019	7.61
B.Sc Horticulture	Dr Y S Parmar University of Horticulture & Forestry Nauni, Solan (HP)	2013-2017	7.11
10+2	HPBOSE Dharamshala	2013	80.20
10th	ICSE New Delhi	2011	60.57

Research title

Ph.D : **Impact assessment of natural integrated farming systems on apple production in dry temperate region**
M.Sc : **Mapping of fruit crop diversity and frost vulnerability using geo spatial tools in Bilaspur district**

PUBLICATIONS

- Sharma VK, **Mehta H***, Sharma SD and Rana RS. 2021. Mapping Fruit Crops Diversity in Bilaspur District using Geo Spatial Techniques. *Biological Forum - An International Journal*. 13(2): 711-715. (NAAS 4.98)
- **Mehta H**, Kumar P, Sharma NC, Chauhan NC and Sharma DP. 2024. Apple-based farming systems improve production and rhizosphere microbiome in the northwest Himalayan region's dry temperate environment. *Journal of Soil Science and Plant Nutrition*. (Under review) (NAAS 9.90)
- **Mehta H**, Kumar P, Sharma NC, Chauhan NC and Negi A. 2024. Correlation and multiple regression studies with path coefficient analysis reveals relationship between foliar index and harvest metrics under apple based farming systems in north-western Himalayan region. *Scientia Horticulturae* (Under review) (NAAS 10.34)

CHAPTERS/BOOKS

- Kumar P, Chib P, Chandel V and **Mehta H**. 2023. Nano-Biofertilizers and Biological Amendments in Productivity Enhancement and Nutrient Use Efficiency of Fruit Crops. Food and Scientific Reports. 4(7): 36-45.
- Kumar P, **Mehta H**, Chandel V, Chib P and Passari AK. 2023. Microbial Communities in Rhizosphere Microbiome for Sustainable Soil Health and Productivity. In: Sayyed RZ and Llyas N (eds). Plant Holobiome Engineering for Climate-Smart Agriculture. Springer Nature. Switzerland AG.

CONFERENCES ATTENDED

- **Mehta H** and Sharma SD. 2018. Smart fertigation schedule in accordance to phenological stages - a new approach to harvest full yield and quality potential in fruit crops. *Role of Young Scientists in Developing New India*, 9th Indian Youth Science Congress at Career Point University Hamirpur, HP, India on 07-09 April, 2018.
- Kumar P and **Mehta H**. 2023. Mycorrhizal symbiosis and diversity in fruit Crops in Himalayas. *Trends in microbial solutions for sustainable agriculture*, ICGEB workshop at University of Belgrade, Faculty of Biology, Serbia on 13-15 September, 2023.
- **Mehta H** and Kumar P. 2023. Impact assessment of integrated farming systems on apple production in dry temperate region. *Impact of climate changes on global food, livestock, livelihood & environmental security: Advanced approaches & mitigation strategies*, International conference at Navsari agricultural university. Gujarat (India) on 28-30 December, 2023.

WORK EXPERIENCE

- Field Enumerator cum supervisor in Mid Term Review (Himachal Pradesh Horticulture Development Project) outsourced by Sutra Consulting Pvt Ltd (September 2019 to January 2020).

SKILLS

- Specialized in Fruit Tree Nutrition, Soil Nutrient Management, GIS and Remote sensing, Microbiology, Soil testing and analysis, Fruit Biochemical analysis, Precision Agriculture and Data interpretation.
- Handling different type of laboratory equipments- Spectrophotometer, Flame photometer, Atomic absorption spectrophotometer, Kjeldahl distillation unit, Laminar air flow, Incubator and Autoclave.
- Proficient in variety of software applications including MS office, Arc GIS, SPSS, Prism and R-software.
- I possess both teaching expertise and practical experience in education

INTERPERSONAL ACTIVITY

- Central Student Association's President at college level during BSc (2016-17)

DECLARATION

I hereby certify that the foregoing statement is correct to the best of my knowledge and I have not concealed any material or factual information.



Dated: 19th May 2024