## **Dr Aruna Mehta**

## Scientist

Specialization: Reproductive biology, plant breeding,

chemical analysis, domestication, biodiversity conservation

evaluation of medicinal and aromatic plants.

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## **Important Research Publications**

- Mehta A and Raina R. 2018. Breeding system studies in *Withania somnifera*an important commercial medicinal plant. *Medicinal Plants: International* journal of Phytomedicines and Related Industries 10(3):159-65
- Mehta A and Raina R. 2016. Effect of hydropriming on seed germination parameters in different accessions of *Withania somnifera*. *Medicinal Plants*: *International Journal of Phytomedicines and Related Industries* 8(1):1-6
- Mehta A, Rana RC, Sharma YP and Kumar V. 2015. Degradation Status of Amarogentin on storage in different solvents. *Indian Journal of Ecology* 43(1):257-26
- Sharma YP, Jadhav MR, Thakur P and Mehta A. 2019. Solan Selection (IC626004); INgR18043), a Malaxis (*Malaxis acuminata*) germplasm with yellow coloured flowers without any purple tinge. Yellowish green floral buds.Greenish basal sheath at the base of Shoot. *Indian Journal of Plant Genetic Resources* 32(3): 52-53
- Sharma S, Thakur CL and Mehta A. 2021. Bioeconomic Appraisal of Wheat and Black Gram under Peach, Apricot and Pear based Agroforestry System. Indian Journal of Ecology 48(4): 1237-39
- Thakur P, Sharma YP, Mehta A and Bhardwaj C. 2018. Effect of decapitation and spacing on growth and yield of Swertia chirayita: A critically endangered medicinal plant. Medicinal Plants: International journal of Phytomedicines and Related Industries 10(1):10-16
- Panwar M, Mehta A, Kumar V, Sood M and Raina R. 2016. Effect of various growing media on seed germination and growth performance of Andrographis paniculata under mid hill regions. Medicinal Plants: International Journal of Phytomedicines and related Industries 8(4): 267-71
- Kumar V, Sood M and Mehta A. 2015. Prospects of Mentha spicata under mid-hill conditions of Himachal Pradesh. International Journal of Farm Science 5(4):202-9

## **Awards & Recognitions**

- Awarded Nation Mission on Himalayan Studies Fellowship (2016-2018).
- Received Uma Datt Mamgain Memorial Best Ph.D Research Award-2017.

- Recipient of University Merit scholarship during Ph. D degree programme (2013-2016).
- Received certificates of excellence in recognition of outstanding contribution as a reviewer.