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Ongoing Research Projects

- Production of quality planting stock of *Terminalia chebula*, *T. bellerica*, Reetha and Anola for carrying out and transfer of technology to stakeholders funded by JICA. (CO-PI)
- Agroforestry component of RKVY-cafeteria funded by GOI. (CO-PI)
- Bamboo mission under RKVY cafeteria funded by Department of Agriculture HP. (CO-PI)

Important Research Publications

- Moran A, Guleria V, Kengoo N, Kapoor and Mehta M. 2024. Impact of Tourism on Vegetation Structure and Soil Health in the Indian Himalayan Region. *Biological Forum – An International Journal* 16(11): 115-118.
- Chauhan S, Guleria V, Sharma PP, Divyanshu and Vashishat R. 2024. Bioeconomic Appraisal of Marigold under *Mangifera indica* Based Agroforestry System in Submontane and Low Hill Subtropical Zone of Himachal Pradesh. *International Journal of Economic Plants (IJEP)* 11(4): 480-483.
- Selvan T, Panmei L, Murasing KK, Guleria V, Ramesh KR, Bhardwaj DR, Thakur CL, Sharma P, Umedsinh RD, Kayalvizhi D, Deshmukh HK. 2023. Circular economy in agriculture: Unleashing the potential of integrated organic farming for food security and sustainable development. *Frontiers in Sustainable Food Systems*. :7(1): 117-127 (NAAS rating: 10.70)
- Ramesh KR, Deshmukh HK, Sivakumar K, Guleria V, Umedsinh RD, Kumar NK, Thangamalar A, Suganya K, Kiruba M, Selvan T, Balasubramanian P. 2023. Influence of *Eucalyptus* Agroforestry on Crop Yields, Soil Properties, and System Economics. *Sustainability*, 15, 3797: 2-20.
- Guleria V, Chaudhary P, Vashisth A, Sharma K, Selvan T and Thakur S. 2021. *Terminalia chebula* (Harar) Characterization by using Morphological Descriptors in Himalayan Region. *Indian Forester* 147 (2): 154-159.
- Guleria V, Choudhary P, Vashisth A, Gupta A and Selvan T. 2020. Study on the physical characteristics, properties and productivity potential of exotic and

indigenous bamboos in rained subtropical environment. *Journal of Pharonacognosy and Phytochemistry* 9(3): 1552-1558.

- Vasishth A and Guleria V. 2017. Standardized gum tapping techniques to maximize yield from high-value Indian tree, *Sterculia urens*. *Journal of forestry research* 28 (3): 615-619.
- Vasishth A and Guleria V. 2017. Potential of *Senegalia senegal* for gum arabic extraction. *Indian Journal of Ecology* 44 (6): 817-819.
- Pal PK, Kumar R, Guleria V, Mahajan M, Prasad R, Pathania V and Gill BS. 2015. Crop-ecology and nutritional variability influence growth and secondary metabolites of *Stevia rebaudiana* Bertoni. *Plant Biology* 15(1): 1-16.
- Guleria V, Vashishth A, Gupta A, Salven T, Thakur C and Kumar P. 2014. Carbon stocks and soil properties under nitrogen-fixing trees on degraded site in subtropical Himalayan region. *Indian Journal of Soil Conservation* 42 (3): 293-297.
- Guleria V. 2013. Analysis of plant, host and management relationships for sandalwood (*Santalum album*) cultivation in new subtropical locality of hill region of Indian Himalayas. *The Indian Forester* 139 (1): 53-57.
- Guleria, V. 2006. *Santalum album* Linn. in Himachal Pradesh: to Optimize Media and Polybag Size for Raising Containerized Seedlings. *Indian Forester* 132 (7): 894-898.
- Guleria V, Nayital RK and Gupta B. 2003. Calcium and Magnesium Variations in Grasses under Natural Forests of Chir Pine (*Pinus roxburghii*) at Different Aspects in Mid Hills of Himachal Pradesh. *Indian Journal of Agroforestry* 5(1&2): 2456-6489.

Books/Manual

- Guleria V, Gupta A, Kumar D, Kaler R and Kapoor R. 2023. Himachal main sugandhit avem aushdhiye podhon ki vighyanik kheti. (Training manual)
- Guleria V and Chaudhary P. 2021 Dynamics of interactions in medicinal based agroforestry systems. In Dynamics of Interactions in Medicinal Based Agroforestry Systems In :Agribusiness Development Planning and Management edited by Anil Bhat and Jyoti Kachroo © New Delhi Publishers, New Delhi: 2021, 69-78. (ISBN: 978-81-948993-6-5)

Awards & Recognitions

Life time achievement award-2022 by the “**Avishkar foundation**” a Sholapur (Maharashtra) based NGO for the contribution in the field of lesser known fruit.