

Dr Arshi Sultanpuri
Assistant Professor



Specialization: Floriculture and Landscape Architecture, Flower seed Production.

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Ongoing research projects:

- Seed production of marigold and flowering annuals for farmer's livelihood security (Co Principle Investigator)
- ICAR Mega seed project on Seed production of agricultural crops and fisheries (Co Principle Investigator)
- Mission for Integrated Development of Horticulture-Popularization of cultivation of spices in H.P. (Co Principle Investigator)
- Production of quality seed of vegetable crops for distribution to farmers of tribal area to enhance crop productivity under natural farming (Co Principle Investigator)

Important Research Publications:

- Sultanpuri A, Dhiman SR, Gupta YC, Sharma P, Kashyap, Basoli M and Ch Momin K. 2021. Effect of staggered planting on growth, flowering and profitability of carnation (*Dianthus caryophyllus* L.) for extended flower availability. *Indian Journal of Ecology* . **48**(5):1521-1528.
- Sultanpuri A, Dhiman SR, Gupta YC, Thakur P, Kasyap B and Sharma M. 2018. Effect of number of plants per pot, pot spacing and photoperiod on production of potted chrysanthemum (*Dendranthema grandiflora* Tzvelev). *Journal of Hill Agriculture* **9**(2):149-152.
- Arshi Sultanpuri, Kritika Thakur, Neha Rani, Abhishek Chauhan and Sourav Sharma. 2025. Eco-Friendly Seed Priming in Horticultural Crops: Evaluating neem leaf powder as a natural alternative to Ga3. *Agri-India TODAY*. Volume 05-Issue **09** -150-153. Article ID :05/IX/34/0925. ISSN: 2583-0910.
- Kranti Pawar, BS Dilta, Arshi Sultanpuri, Rohit Verma, Priyanka Thakur. 2025. The dynamic interplay of Autophagy and plant development. *Agriculture Association of Textile Chemical and Critical Reviews Journal* Vol.**13** (3):383-386.
- Ankita Thakur, NK Bharat, Arshi Sultanpuri, Rajender Sharma, Rohit Verma, Priyanka Thakur and Kranti Pawar. 2025. The future of seed quality analysis: Multispectral imaging as a non-destructive tool. *Plant archives* Vol.**25**, No.1, 2025 pp. 289-294 e-ISSN:2481.
- Rimpika, Rana K, Shandil K, Shilpa, Sood A, Sultanpuri A and Shabnam. 2024. Replant problem in fruit crops: Issues and possibilities of its control in pome and stone fruits. *Agriculture Association of Textile Chemical and Critical Reviews Journal*. **4**(12):558-567.

- Kakar Ridham, Sharma JC, Sultanpuri A and Sheron H. 2019. Effect of mulching on soil microclimate, yield and quality of ginger (*Zingiber officinale* Rose.) under INM. *Journal of Agrometeorology* **20**:343-348.
- Kakar R, Tripathi D, Chandel S and Sultanpuri A. 2018. Distribution of micronutrient cations in relation to soil properties in Saproon Valley of Solan district in North Western Himalayas. *Annals of Plant and Soil Research* **20**(2): 143-147.
- Kakar R, Tripathi D, Chandel S and Sultanpuri A. 2018. Nutritional status of tomato leaves in North Western Himalayas. *Annals of Plant and Soil Research* **20**(2):187-190.

Books and Manuals:

- Dhiman SR, Sultanpuri A and Ch Momin K 2021. *Carnation In: Flower Production and Gardening* edited by Yadav PK, Singh RP. New India Publishing Agency-Nipa, 193-212pp, ISBN:9789390591214.

Award and Recognitions:

- Selected as a master trainer for Programme on NARES-Blended Learning Platform for teachers & students on 31st October 2023.
- University merit scholarship in Ph.D.
- Awarded 2nd prize in poster making (faculty) in Lifestyle for Environment (Poster Making) organized on 22nd June 2023.