

Dr. Puja Sharma

Associate Professor

Specialization: Commercial Floriculture, Crop Improvement, Tissue Culture & Postharvest

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Ongoing Research Projects:

- All India Co-ordinated Floriculture improvement Project (AICFIP) funded by ICAR, DFR for Rs. 70 lakhs. (Principal Investigator)
- Development of sustainable production module for cymbidium cultivation under Mid Hills of Himachal Pradesh funded for Rs.9.0 lakhs under Research and Development Fund. (Principal Investigator)
- Validation of DUS testing guidelines for Liliium (*Lilium* sp; Oriental, Asiatic, LA hybrids and OT hybrids) funded by PPV & FRA, GOI for Rs. 18 lakhs. (Co-Principal Investigator)
- Experiential Learning Programme on Commercial Floriculture funded by ICAR, GOI for Rs. 54.38 lakhs. (Co-Principal Investigator)

Important Research Publications:

- Sharma P, Sharma P, Dhiman SR, Dogra RK, Sharma A and Rana N. 2023. Variability and association studies among carnation mutants (*Dianthus caryophyllus* L.) in Northwestern Himalayas. *Genetic Resources and Crop Evaluation*. <https://doi.org/10.1007/s10722-023-01546-3>.
- Sultanpuri A. Dhiman SR, Gupta YC, Sharma P, Kashyap B, Basoli M and Momin CM. 2021. Scheduling of planting dates for maximum profitability in carnation (*Dianthus caryophyllus* L.) under mid hills of Solan, Himachal Pradesh. *Indian Journal of Ecology*. **48**(5):1521-1528.
- Kumari S, Dhiman SR, Dhiman MR, Sharma P and Dogra RK. 2020. Genetic variability and correlation studies among different liliium genotypes. *Indian Journal of Agricultural Sciences* **90**:1130-34.
- Kashyap B, Dhiman SR, Sharma P and Sharma M. 2019. Utilization of agri- horticultural crops/wastes for making dry and value-added products to generate employment. *Indian Journal of Ecology* **46**:325-29.
- Bala A, Sharma P, Dhiman SR and Gupta YC. 2018. Effect of calcium nitrate on propagation of LA hybrid lilies through scaling. *Indian Journal of Horticulture* **75**:723-27.
- Sharma P, Gupta YC, Dhiman SR and Sharma P. 2018. Effect of planting dates on growth, flowering and seed production of snapdragon. *Indian Journal of Horticulture* **75**:352-54.
- Sharma P, Gupta YC, Dhiman SR, Sharma P and Bhargav B. 2017. Effects of planting dates and climatic conditions on growth, flowering and seed production of candytuft (*Iberis amara*) *Indian Journal of Agricultural Sciences* **87**(6):792-5.
- Sharma P, Gupta YC, Dhiman SR, Sharma P and Bhargava B. 2016. Variation in growth, flowering and seed yield of satin flower (*Godetia grandiflora*) planted on different dates. *Indian Journal of Agricultural Sciences* **86** (2):277–80.
- Sharma P, Dhiman SR, Gupta YC, Sharma P and Gautam B. 2016. Effects of genotype, explants type and growth regulators on organogenesis in carnation. *International Journal of Bio-resource and Stress Management* **7**(5):1152-1155.

- Sharma P, Gupta YC, Dhiman SR, Sharma P and Gupta R. 2015. Effect of planting dates on growth, flowering and seed production of garland chrysanthemum (*Chrysanthemum coronarium*). *Indian Journal of Agricultural Sciences* **85** (7):912–6.

Awards:

- Best Oral Paper Award for “Mass multiplication of medicinally important Ghingaru (*Pyracantha crenulata*) and its exploitation as a commercial landscape plant” authored by Sharma Puja, Kashyap B, Dhiman SR, Gupta Y C and Kumari S. In: ‘National Conference on Ornamental Horticulture to Uplift Rural Economy’ organized by Maharana Pratap University of Agriculture and Technology, Udaipur, Rajasthan held on January 11-13, 2019 at Udaipur, Rajasthan.
- Best Oral Presentation Award for the paper on “Reducing post harvest losses of cut chrysanthemums by harvesting at bud stage and extending the vase life through different preservative solutions” authored by Negi K, Sharma Puja, Dhiman SR, Gupta YC and Sharma P. In: ‘National Conference on Floriculture for Rural and Urban Prosperity’ in the Scenario of Climate Change from February 16-18 , 2018 at Ranipool, Gangtok, Sikkim.
- The Best Oral presentation award for the paper on “Income generation through dried flowers: diversification in raw materials, designs and techniques” authored by Kashyap B, Dhiman SR, Sharma Puja and Gupta YC. In: National Conference on Floriculture for Rural and Urban Prosperity’ in the Scenario of Climate Change, from February 16-18 , 2018 at Ranipool, Gangtok, Sikkim.
- The Best Oral presentation award for the paper on “Effect of different preservative solutions, wrapping materials and storage durations on extending vase life of liliium hybrids” authored by Sharma Puja, Dhiman SR, Kashyap B and Gupta YC. In: ‘National Conference on Floriculture for Rural and Urban Prosperity’ in the Scenario of Climate Change from February 16-18 , 2018 at Ranipool, Gangtok, Sikkim.
- The second best poster presentation award for the paper on “Evaluation of Lilium hybrids under mid hill conditions of Himachal Pradesh” authored by Kumari S, Dhiman SR, Sharma Puja and Dhiman MR. In: ‘National Conference on Floriculture for Rural and Urban Prosperity’ in the Scenario of Climate Change from February 16-18 , 2018 at Ranipool, Gangtok, Sikkim.
- Best Oral Presentation Award for the paper “In vitro mutagenesis studies in carnation” under technical session Floral Diversity and Crop Improvement in Floriculture. In: National Conference on Floriculture and Landscaping for Urban and Rural Prosperity, held from February 28-29, 2016 at Dr BP Pal Auditorium, ICAR-IARI, New Delhi.
- Second Best Poster Paper Award for the paper “Evaluation of newly developed F₁ hybrids of antirrhinum and pansy under polyhouse” authored by Gupta YC, Dhiman SR, Sharma Puja and Verma VK. 2010. In: National Symposium on Lifestyle Floriculture: Challenges and Opportunities, w.e.f; March 19-21, 2010 held at Dr YS Parmar University of Horticulture and Forestry, Nauni, Solan (HP) 46p.
- Best Poster Paper Award for the paper “Effect of growth regulators and growing media on propagation of Lilium oriental hybrids through scaling” authored by Sharma Puja, Sharma YD, Dhiman SR and Gupta YC. In: First Indian National Horticulture Congress, November 6-9, 2004, New Delhi.
- University Gold Medal for 1st position in B.Sc. Horticulture, Major J Sharma Guleri Memorial Gold Medal and Lal Bahadur Shastri Memorial Gold Medal for the year 1996.