

Dr Bharati Kashyap

Associate Professor

Specialization: Commercial Floriculture, Landscaping, Drying and Value Addition

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On-Going Research Projects:

- Development of DUS Testing guidelines for *Alstroemeria* funded by PPV & FRA, MoAg. & FW, GOI for 19.91 lakhs (Principal Investigator)
- Introduction, Conservation & Utilization of important plant species in CPRs for making dry flower & value added products to generate livelihood of women on sustainable basis funded by GBPNIHE, Almora for Rs. 11.99 lakh (Principal Investigator)
- Experiential Learning Programme on Commercial Floriculture funded by ICAR, GOI for Rs. 54.38 lakhs in 2017 (Co-Principal Investigator)

Important Research Publications:

- Garg A, Kashyap B, Dhiman SR and Dogra RK. 2023. Genetic studies on *alstroemeria* germplasm under sub-temperate conditions of western Himalayas. *Genetic Resources and Crop Evolution*. <https://doi.org/10.1007/s10722-023-01755-w> pp.1-11.
- Saini A, Kaur R, Kumar S, Saini RK, Kashyap B and Kumar V. 2023. New horizon of rosehip seed oil: Extraction, characterization for its potential applications as a functional ingredient. *Food Chemistry* p.137568
- Kashyap B, Sharma YD, Dhiman SR and Thakur P. 2010. Effect of bio-regulators on growth and flowering of *gloxinia* (*Sinningia speciosa* Hierm.). *Indian Journal of Horticulture*. **67**(1):137-39.
- Kumari S, Kashyap B and Gupta YC. 2017. Studies on microwave drying of *Gomphrena globosa* L. 'Magenta' and 'White'. *Indian Journal of Horticulture* **74**(1):146-49.
- Dhiman SR, Gupta YC, Thakur P, Kashyap B, Sharma M and Sharma K. 2018. Effect of different black-out materials on off-season pot mum production of *chrysanthemum* (*Dendranthema grandiflora*). *Indian Journal of Agricultural Sciences* **88**(4):601-5.
- Sharma SD, Bhardwaj SK, Kumar P, Chandel A, Kashyap B and Sharma VK. 2017. Impact assessment of integrated walnut fruit sequencing in exposed subsoil on vegetative growth traits, soil quality indicators and biological diversity in rainfed ecological system. *Indian Journal of Agricultural Sciences* **87**(11):1487-98.
- Kashyap Bharati, Gupta YC, Gupta Rakesh, Sharma Meenakshi and Sharma, Ranjna. 2017. Effect of biocolours and inorganic dyes on ornamental dry flower grasses. *Indian Journal of Ecology* **44**(4): 837- 842.
- Sharma Gitam, Kashyap Bharati, Gupta YC and Sharma, BP. 2019. Studies on shelf- life of dried and dyed *chinchirinchii* flowers. *Indian Journal of Horticulture* **76**(3) : 552-556.
- Kashyap Bharati, Dhiman, SR, Sharma, Puja, and Sharma Meenakshi. 2019. Utilization of agri-horticultural crops/ wastes for making value-added products to generate employment. *Indian Journal of Ecology*. **46**(2):325-329.
- 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.
- Dogra N, Bhalla R and Kashyap B. 2016. Effect of plant growth retardants on flowering and presentability of *Primula malacoides* Franch. *Indian Journal of Ecology* **43**(1): 346-348.

Books and manuals

- Kashyap B, Gupta YC, Thakur P, Gupta R, Thakur P and Sharma M. 2022. Shushsk Pushp: Utpadan evam Mulyavardhan. Department of Floriculture and Landscape Architecture, DEE, Nauni, Solan.
- Kashyap B, Dhiman SR, Shilpa Kamal and Anshul Kumar. 2022. Value addition through dry flowers. Department of Floriculture and Landscape Architecture, DEE, Nauni, Solan.
- Gupta YC, Dhiman SR, Sharma Puja, Kashyap B and Neelam Kumari. 2022. Protected cultivation of flower crops. Department of Floriculture and Landscape Architecture, DEE, Nauni, Solan.
- Kashyap Bharati, Thakur Anil, Bassi Susheel Kumar. 2019. Gardening and Floriculture (Skill Enhancement Course), S. Dinesh and Co. 276p.
- Thakur Anil, Kashyap Bharati, Bassi Susheel Kumar and Sharma Meenakshi. 2018. Floriculture (Skill Enhancement Course), S. Dinesh and Co. 367p.
- Dhiman SR, Gupta YC, Thakur P, Kashyap B, Gautam HR and Sharma Meenakshi. 2017. Adhik Aamdani ke liye Guldaudi mein Bemosami kheti ki takneek. Pushp evam Sthal Saundarya Vibhag. Dr YS Parmar University of Horticulture and Forestry, Nauni, Solan. 60p.
- Gupta YC, Dhiman SR and Kashyap Bharati. 2014. Chuninda phoolon ki vyavsayik kheti. Pushp evam Sthal Saundarya Vibhag. Dr YS Parmar University of Horticulture and Forestry, Nauni, Solan. 60p.
- Thakur Priyanka, Gupta, YC, Dhiman SR, Kashyap Bharati and Chauhan NS. 2010. Wild ornamental plants of Himachal Pradesh. Directorate of Extension Education, Dr Y S P UHF Nauni, Solan.

Awards and Recognitions:

- Received Appreciation letter from Himachal Dastak for the contribution in Floriculture and Floral Craft on March 8, 2020.
- Received the Best paper award for the paper 'Mass multiplication of medicinally important ghingaru (*Pyracantha crenulata*) authored by Sharma Puja, Kashyap Bharati, Dhiman SR, Gupta YC and Sangeeta Kumari. 2019; in National Conference on Ornamental Horticulture to uplift Rural Economy from January 11-13, 2019 at MUAT, Udaipur.
- Received Appreciation letter from Honble Vice Chancellor, Dr HC Sharma for outstanding contribution in floriculture and Floral Craft on June 12, 2019.
- Received the Best Oral presentation award for the paper on 'Income generation through dried flowers: diversification in raw materials, designs and techniques' authored by Kashyap Bharati, 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.
- Received the Best poster presentation award for the paper on 'Effect of different preservative solutions, wrapping materials and storage durations on extending vase life of Liliun hybrids authored by Sharma Puja, Dhiman SR, Kashyap Bharati 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.
- Received the Best Oral presentation award for the paper on 'Utilization of Agri-horticultural crops/wastes for making dry flowers and value added products for employment generation' in National Conference on Alternate Farming systems to Enhance Farmer's Income organized by Indian Ecological Society from September 19-21, 2017 at Dr YSPUHF, Nauni, Solan.
- Received the Best Oral presentation award for the paper on 'Dehydration and value-addition of native flora of Himachal Pradesh for making dry flowers' in IInd Himachal Pradesh Science Congress at Peter Hoff Shimla organized by HIMCOSTE (November 20-21, 2017).
- The paper 'Study on genetic diversity and cluster analysis of different carnation cultivars

authored by Chauhan Pratibha, Dhiman SR, Kashyap, Bharati, Gupta, YC and Dogra RK was adjudged as the Best research paper – 2017 published in Journal of Ornamental Horticulture, published by Indian Society of Ornamental Horticulture.

- Got the Best Oral presentation award for the paper on 'Drying and value-addition of flowers for sustainable livelihood development' in 1st Himachal Pradesh Science Congress at Peter Hoff Shimla on the Role of Science and technology in Sustainable Development organised by HPSCSTE, Kasumpti wef October 15-16, 2014.
- Received the best poster paper award for 'Effect of substrates on the propagation of hybrid lilies through scaling' authored by Lyngdoh, A, Gupta, YC, Dhiman, SR, Diltia, BS and Kashyap, Bharati in 'National symposium on lifestyle floriculture: Challenges and opportunities wef; March 19-21, 2010 held at UHF, Nauni, Solan (HP).
- Received the best Oral presentation award for the paper on 'Effect of growing media and auxins on propagation of hybrid lilies through scaling' authored by Gupta, YC, Dhiman, SR, and Kashyap, Bharati in 'National symposium on lifestyle floriculture: Challenges and opportunities wef; March 19-21, 2010 held at UHF, Nauni, Solan (HP).
- Received the best poster award for the research paper entitled, 'Wild ornamental bulbous plants of Himachal Pradesh for landscaping' Priyanka Thakur, Bharati Kashyap, Suman Bhatia and YC Gupta in National Symposium on ornamental bulbous crops held on December 5-6, 2006, Meerut.
- 'Himotkarsh' Gold Medal for BSc and PhD Horticulture in the years 2001 and 2004.
- University Gold Medal for 1st position in PhD Horticulture in the year 2004.