

Dr Priyanka Thakur

Principal Floriculturist

Specialization: Floriculture and Landscape Architecture

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Ongoing Research Projects

- Validation of DUS characterization of *Dahlia variabilis* L. funded by PPV&FRA, GOI, New Delhi amounting to ₹ 20.25 lakhs from 2018 to 2025 (Principal Investigator)
- Evaluation and *ex-situ* conservation of native flowers of Western Himalayas for ornamental usages under state funded project (Principal Investigator)
- Introduction and evaluation of decorative and multiflora Chrysanthemum Germplasm for pot mums, cut flowers and bedding purposes under state funded project (Principal Investigator)
- Off-season flower production of chrysanthemum under low hills of HP under state funded project (Principal Investigator)
- Studies on propagation and production technology in dahlia (*Dahlia variabilis* L.) under state funded project (Principal Investigator)
- Effect of pinching and growth regulators on native ornamental plants *Justicia gendarussa*, *Mussaenda frondosa*, *Clerodendron wallichii* and *Phlogacanthus pubinervius* under state funded project (Principal Investigator)
- Value addition of native and naturalized plant parts of Shivalik foot hills and plains under state funded project (Principal Investigator)
- Evaluation of winter annuals at Khairi Farm for seed production (New initiative) under state funded project (Principal Investigator)
- Quality nursery production of sub-tropical fruits and flowers at RHRTS, Dhaulakuan under state funded project under special grant to university for Rs 14.00 Lakhs from 2023-24(Co-Principal Investigator)

Important Research Publications

1. Thakur, Priyanka, Sharma, Kulwant Rai, Pat Denne, Mary and Thakur, Ajay. 2007. Studies on stem structure of *X Laburnocytisus adamii* (Poit)Scheid. *Current Science*. Vol. 92(4):437-440.
2. Thakur, Priyanka, Nichal, V, Dhiman, S.R. and Gupta, Y.C. 2015. Effect of growing media, pinching and paclobutrazol on growth and flowering of *Barleria cristata* L. as pot plant. *Indian Journal of Agricultural Sciences*. Vol 85 (6): 833-837.
3. Thakur, Priyanka, Shah, A.H, Adhikari, Y,Kumar, M and Verma, S.2022.Dahlia cultivation in India and abroad: A Review. *International Journal of Plant and Soil Science*. Vol 34 (19):240-251.

4. Thakur, Priyanka, Sharma, Y.D, Chauhan, N.S, Dhall, S.P and Thakur, Ajay. 2009. Computerized database of important native landscape plant species in Himachal Pradesh, India. *Acta Horticulturae*. Vol 769:407-414.
5. Thakur, Priyanka, Sharma, Y.D, Chauhan, N.S, Dhall, S.P and Kashyap, Bharti and Thakur, Ajay. 2009. Vegetative propagation of native ornamentals of Himachal Pradesh in India. *Acta Horticulturae*. Vol 774: 369-374.
6. Sangma, M. Palmsey, Dhiman, SR, Thakur, Priyanka and Gupta, YC.2016. Effect of covering materials on off-season flower production in chrysanthemum (*Dendranthema grandiflora*). *Indian Journal of Agricultural Sciences*. Vol 86 (4):522-526.
7. Dhiman, SR, Gupta, YC, Thakur, Priyanka, Kashyap, Bharti, Sharma, Meenakshi.2018. Effect of different blackout materials on off season pot mum production of chrysanthemum (*Dendranthema grandiflora* L.) *Indian Journal of Agricultural Sciences*. Vol 88 (4):601-605.
8. Sharma, P, Thakur, Priyanka, Dhiman, S.R and Gupta, Y.C.2013. Effect of nitrogen, phosphorus and potassium on growth and flowering of *Barleria cristata* Linn. *Indian Journal of Horticulture*. Vol 70 (3): 442-447.
9. Sharma, P, Thakur, Priyanka, Dhiman, S.R and Gupta, Y.C.2013. Effect of nitrogen, phosphorus and potassium on growth and flowering of *Barleria cristata* Linn. *Indian Journal of Horticulture*. Vol 70 (3): 442-447.
10. Bharati Kashyap, Y.D.Sharma, S.R. Dhiman and Thakur, Priyanka.2010. Effect of bio-regulators on growth and flowering of gloxinia (*Sinningia speciosa* Hierm.). *Indian Journal of Horticulture*. Vol.67 (1):137-139.

Books and manuals

1. Thakur, Priyanka and Joshi, A.K. 2020. Native flowers of Western Himalayas: their conservation and domestication. Dr YS Parmar University of Horticulture and Forestry, Nauni, Solan (HP) India. Pp 80.(ISBN: 978-93-5407-032-7)
2. Thakur, Priyanka; Dhiman, S.R, Gupta, Y.C; Kashyap, Bharti, Chauhan, N.S and Dhall, S.P.2010. Wild ornamentals of Himachal Pradesh. Dr Y.S. Parmar University of Horticulture and Forestry, Nauni, Solan(HP) printed at DEE, UHF, Nauni(Solan)HP 64pp.(ISBN: 978-93-5407-435-6)
3. Dhiman,S.R, Gupta,Y.C, Thakur,Priyanka, Kashyap,Bharti, Gautam,HR and Sharma, Meenakshi.2020.Adhik amdani ke liye guldaudi men bemausami kheti ki takneek. Published and printed at DEE,UHF ,Nauni (ISBN No.978-81-930100-9-9)
4. Kashyap Bharti, Gupta YC, Gupta R., Thakur Priyanka and Sharma Meenakshi. 2022. Shushak pushap: Utpadan evam mulyavardhan. Published and printed at DEE,UHF, Nauni. (ISBN: 9-789354-733499)
5. Joshi, AK, Kumar,P, Gupta,BK, Brahmi, MK and Thakur,Priyanka.2020.Apriori of Agriculture to Rural Society. To be publish by LAP LAMBERT Academic Publishing, Mauritius. Pp 237. (ISBN: 978-620-0- 00867-1)

Awards & Recognitions

1. Received SERS-Scientific Educational Research Society's Women Scientist award in the field of Floriculture and Landscaping and lead lecture on

“Mesmerizing native flowers of western Himalayas: propagation, digitization and ornamental use” during 2nd International e-conference on Advances in Agriculture, Technology and Allied Sciences for sustainable development, organized by Graphic Era Hill University, Dehradun on October 9-10, 2022

2. Floriculture work was Appreciated by Dr Harinder Kumar Chaudhary, Honourable Vice Chancellor, HPKV, Palampur at RHRTS, Dhaulakuan on 27th March, 2022 during his meeting with all Incharges of different units of state govt housed in the joint building of HAREC and visit in Floriculture and Landscaping Section, vide letter No.1-17CSKHPKV-HAREC/Tech/621-34 dated April 25, 2022.
3. Received letter of Appreciation in the field of Floriculture and Landscape Architecture by The Principal, Shri Guru Govind Singh Ji Govt College, Paonta Sahib on 05 March, 2020 for the successful organization of National Workshop on FLORICULTURE w.e.f; February 25-26, 2020 at Shri Guru Govind Singhji Govt College, Paonta Sahib.
4. Received Certificate of Appreciation for delivering excellent lecture on *‘Utilization of native and naturalized plant parts for making dry flowers’* in National webinar on “Recent Trends in Floriculture and Landscape Industry” organized by Department of Floriculture & Landscape Architecture, College of Horticulture, Sardar Krushinagar Dantiwada Agricultural University, Jagudan held on October 15, 2020
5. Received Certificate of Appreciation by The Honourable Vice-Chancellor, Dr HC Sharma on June 12, 2019 for excellent work done in Floriculture and Collection of Wild Flora at the research station.
6. Received Certificate of Appreciation for delivering excellent lecture on *‘Utilization of native and naturalized plant parts for making dry flowers’* in National webinar on “Recent Trends in Floriculture and Landscape Industry” organized by Department of Floriculture & Landscape Architecture, College of Horticulture, Sardar Krushinagar Dantiwada Agricultural University, Jagudan held on October 15, 2020
7. Received Certificate of Appreciation and was honoured by ‘Jhalak India Exhibition’ under category ‘Remarkable women from diverse fields for their career, success and significant contribution to the community’ at Dehradun on April 3, 2018.
8. Received Certificate of Appreciation from Dr Rajender Dhobhal, Director General for being Expert Penalist and part of Co-ordination committee in 12th Uttrakhand State Science and Technology Congress on March 7-9, 2018 at UCOST, Vigyan Dham, Dehradun.
9. Received Best Poster Award for the paper entitled *‘Meadow Orchard Geometry for Ameliorating Guava Productivity in Shiwalik Foothills’*, for AK Joshi, Pramod Kumar, Bhupesh Gupta and Priyanka Thakur, in 7th IHC-2016, organized w.e.f. Nov 15-18, 2016 at IARI, New Delhi.
10. Received Certificate of Appreciation from Dr HP Singh, Chairman, Confederation of Horticulture Associations of India(CHAI), New Delhi and Former DDG(Hort), ICAR for working as a Volunteer for the successful conduct of *‘International Symposium on Commercial Floriculture and Landscape Gardening for Urban and*

Peri-Urban Horticulture' held at sector 34, Exhibition Ground, Chandigarh w.e.f; February 21-22, 2015.

11. Received 'Best Poster Award' (First Prize) for lecture on 'Value addition of native and naturalized plant parts from Himachal Pradesh and Uttarakhand for dry flower industry' by Priyanka Thakur, AK Joshi, BK Gupta, MK Brahmi, Pramod Kumar and Anup Chandra presented at 'National Workshop on Sustainable Management of Medicinal Plants and NTFPS' on 27 November, 2014 in 'Silviculture Conference-2014' w.e.f; Nov 24-28, 2014 organized by Forest Research Institute, Dehradun, UK
12. Received 'Best Poster Award' (First Prize) for research on, 'Effect of growing media and growth regulators on rooting of selected standard and spray cultivars of chrysanthemum under low hill conditions of HP' by Priyanka Thakur and AK Joshi in the 'National Seminar on livelihood generation in hill states of India based on agriculture and allied sectors' on April 24, 2014 organized by Uttaranchal College of Technology and Bio-medical Sciences, Dehradun, UK
13. Received 'Guest of Honour' in HP Cluster Exhibition and Literary Meet-2013 at JNV, Nahan, w.e.f; September 12-13, 2013 for judging science exhibits of school children of X, XI and XII participated from all districts of HP.
14. Received Best Publication Award for research paper entitled, 'Studies on stem structure of *X Laburnocytisus adamii* (Poit) Scheid.' Priyanka Thakur, Kulwant Rai Sharma, Mary Pat Denne and Ajay Thakur. 2007. Current Science. Vol. 92(4):437-440 by SADHNA UHF, Nauni for the year 2012 in the form of gold medal, a plaque and a certificate on April 28, 2013.
15. Received a letter of appreciation from the Programme Co-ordinator, KVK, Dhaulakuan, District Sirmour for the contribution in landscaping and beautifying the premises on May 14, 2013.
16. 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
17. Received Best Poster Award for paper entitled, 'Studies on post harvest handling of gladiolus cv. 'Nova Lux' by S.R. Dhiman, Priyanka Thakur, Rajesh Bhalla and Y.D. Sharma in National Symposium on recent trends and future strategies in ornamental horticulture, held on December 1-4, 2005 at Dharwad, Karnataka
18. Received Best Poster Award for paper entitled, 'Wild ornamental woody shrubs for various landscape and other uses' by Priyanka Thakur and Y. D. Sharma in National Symposium on Agro-forestry in 21st century organized by Department of Forestry and Natural resources, Punjab Agricultural University, Ludhiana, Punjab w.e.f; February 11-14, 2003.

Certificate and Letter of Appreciation as a team:

- Received a Certificate of appreciation from Honourable Vice Chancellor: The act of preparing DPR for watershed development in 26 panchayats has been lauded

as plausible, commendable and conferred with the 'Citation of Appreciation' for the team scientists of RHRTS, Dhaulakuan during 2016

- Received a letter of appreciation from The Director of Extension Education, UHF, Nauni on June 15, 2015 for organizing Kisan Mela on 20 March, 2015 at RHRTS, Dhaulakuan.
- Letter of appreciation received by Dr Bharti Kashyap, Dr Rakesh Gupta, Dr YC Gupta and Dr Priyanka Thakur from the funding agency under DST project 'Dehydration and value addition of flowers and foliage for making floral craft' in the Annual Group Monitoring Workshop of DST projects held at Bangalore w.e.f January 29-31, 2014, the progress for the project on Dehydration and value addition of flowers and foliage for making floral craft was rated as "Very Good" (Letter No. SSD/SCSP/001/2011, dated April 21, 2014).
- The Board of members appreciated the presentation delivered by Dr AK Joshi, conveyed by the registrar vide letter No. UO No. UHF. Regr/GA/5-1(91)/13/28679 dated November 18, 2013. The university Board of Management perused the salient achievements and allied activities of the research station and appreciated the work done at Dhaulakuan research station.