


## Faculty Profile

	<p><b>Dr Priyanka Thakur</b> Principal Floriculturist &amp; Associate Director (R&amp;E) <b>Specialization:</b> Floriculture and Landscape Architecture <b>Contact:</b> +91 1704 257466 (O) Mobile: 9418228488, 9816248488 <b>Official email ID:</b> <a href="mailto:rhrtsdhaulakuan@uhf.ac.in">rhrtsdhaulakuan@uhf.ac.in</a>, <a href="mailto:priyanka.thakur@gmail.com">priyanka.thakur@gmail.com</a></p>
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NET Qualified (1997-98) and Merit scholarship during PhD Programme (1997-2000). Worked under All India Co-ordinated Floriculture Improvement Project, ICAR w.e.f; 2000-2012 (PI of projects: 09 and Co-PI: 27). Accomplished 09 outside agency funded projects as Principal Investigator (Adhoc ICAR, DSIR, ATMA, NHB, ICAR Extramural, PPV&FRA, GOI, Co-PI and Co-PI in >30 projects), PI of State funded: >20. Did maiden efforts for the establishment of Floriculture and Landscaping Section including 'Wild Ornamental Garden' and 'Floral Craft Lab' for the first time at RHRTS, Dhaulakuan, District Sirmour (HP) since 2012 onwards. She has developed Dahlia DUS guidelines and instrumental for MOU signed between YSPUHF, Nauni and PPV&FRA for collaboration in DUS testing of Dahlia on 6 January, 2018 and Establishment of 'Lead centre of Dahlia' at RHRTS, Dhaulakuan. Also instrumental for MOU signed between YSPUHF, Nauni and FRI, Dehradun for collaboration in research and education on 18 February, 2021.

### Ongoing Research Projects

1. Validation of DUS characterization of *Dahlia variabilis* L. funded by PPV&FRA, GOI, New Delhi amounting to 30 lakhs from 2018 to 2025 (Principal Investigator)
2. Seed production of marigold and flowering annuals for farmer's livelihood security funded by RKVY (2025-26) amounting to ₹ 35 lakhs (Principal Investigator)

❖ Since 2012, six externally funded projects on floricultural crops such as marigold, chrysanthemum, native flowers, and flowering annuals, sponsored by Agricultural Technology Management Agency (ATMA), National Horticulture Board (NHB), Indian Council of Agricultural Research Extramural Projects, Protection of Plant Varieties and Farmers' Rights Authority (PPV&FRA), and Rashtriya Krishi Vikas Yojana (RKVY), have been successfully completed as Principal Investigator.

❖ Furthermore, 16 projects related to fruits and other crops, funded by National Bamboo Mission (NBM), National Bee Board (NBB), Rashtriya Krishi Vikas Yojana (RKVY), Mini Mission, IWMP, Agricultural Technology Management Agency (ATMA), Department of Science and Technology (DST), and National Bank for

Agriculture and Rural Development (NABARD), have also been successfully accomplished as Co-Principal Investigator since 2012.

### **Awards/ Recognition/ Appreciation letters (26 No.)**

- 1. Dr Priyanka Thakur, Associate Director (R& E)** was conferred with **Fellowship of the Indian Society of Ornamental Horticulture (ISOH) Award** based on academic and research contributions in the field of *Ornamental Horticulture* on 18 Feb, 2025 by Dr Sudesh Kumar Yadav, Director IHBT, Palampur during Tulip Festival and National Symposium on ornamental bulbous plants at IHBT, Palampur.
- 2. Dr Priyanka Thakur** 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 2<sup>nd</sup> 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
- 3. The Floriculture work of Dr Priyanka Thakur was Appreciated** by Dr Harinder Kumar Chaudhary, Honourable Vice Chancellor, HPKV, Palampur at RHRTS, Dhaulakuan on 27<sup>th</sup> 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.1-17CSKHHPKV-HAREC/Tech/621-34 dated April 25, 2022.
- 4. Dr Priyanka Thakur** 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** at Shri Guru Govind Singhji Govt College, Paonta Sahib w.e.f; February 25-26, 2020.
- 5. Dr Priyanka Thakur** 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
- 6. Dr Priyanka Thakur** 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.
- 7. Dr Priyanka Thakur** 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. Dr Priyanka Thakur** received **Certificate of Appreciation** from Dr Rajender Dhobhal, Director General for being Expert Penalist and part of Co-ordination committee in 12th Utrakhnad State Science and Technology Congress on March 7-9, 2018 at UCOST, Vigyan Dham, Dehradun.

9. **Dr Priyanka Thakur** 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.
10. **Dr Priyanka Thakur** 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.
11. **Dr Priyanka Thakur** 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.
12. **Dr Priyanka Thakur** 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.
13. **Dr Priyanka Thakur** received **second best oral** presentation award on *Morphological characterization of Dahlia germplasm under low hills of HP* during Tulip Festival and National Symposium on ornamental bulbous plants at IHBT, Palampur on 18 Feb, 2025.
14. **Dr Priyanka Thakur** received *Certificate of Appreciation* for delivering a lecture on the topic, '*Himalayan native flowers: Potential uses and their value addition*' as the resource person during ICAR sponsored short course on Sustainable Floricultural Practices and landscaping in the scenario of climate change sponsored by Agricultural Education Division, ICAR, New Delhi being organized by Department of Floriculture and Landscape Architecture, College of Horticulture, Dr YSP UHF Nauni, Solan (HP) from 22 March to 31 March, 2025.
15. **Dr Priyanka Thakur** received acted as *co-chairperson of session-2* and acted as a *Judge* for the poster presentations by the participants of theme-2 during Tulip Festival and National Symposium on ornamental bulbous plants at IHBT, Palampur on 18 Feb, 2025.
16. **Dr Priyanka Thakur's PhD student Mr Yogendra Adhikari** received **Young Horticulturist award and Best oral presentation third prize** on research paper entitled, 'Influence of pinching, paclobutrazol and heading back on vegetative growth and floral characteristics in native plant *Mussaenda frondosa* L. domesticated as a pot plant in International Conference on challenges and opportunities in agriculture and allied sciences towards sustainable future w.e.f; 27-29 June, 2025 at GBPUAT, Pantnagar
17. **Dr Priyanka Thakur** was felicitated by Lieutenant General Gurmit Singh, Honourable Governor, Uttarakhand during prize distribution function of spring festival at Rajbhawan, Dehradun and the Then, Governors since 2013-2026
18. **Dr Priyanka Thakur** was felicitated as a **Guest of Honour** at Him Surbhi: Fragrance and Flavours Society, Mussoorie on 14 Dec, 2024.

19. **Dr Priyanka Thakur** received **Certificate of Appreciation** as a guest speaker on lecture entitled, '*Native species and their role in landscape architecture and ornamental gardening*' in National congress on Connecting World through Indian Agriculture(20-24 November, 2022) on 24 November, 2022 at Tula's Institute, Dehradun by IAAS, India
20. **Received Best poster award** on *A Floral Feast for the senses and health: Edible Flowers* by **Manish Kumar, Priyanka Thakur, Ragini Bhardwaj, Ali Haidar Shah, Nitesh Kaushal and Yogendra Singh Adhikari** presented in International Conference on protected cultivation of Horticultural crops, post harvest handling and digital agriculture w.e.f; 29-30 November, 2023 at SaHigginbottom University of Agriculture Technology and Sciences, Prayagraj, Allahabad.

**Certificate and Letter of Appreciation received by the research station team:**

1. 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 (**Dr(s) AK Joshi, Priyanka Thakur, Bhupesh Gupta, MK Brahmi and Pramod Sharma**)
2. Received a **letter of appreciation** from The Director of Extention Education, UHF, Nauni on June 15, 2015 for organizing Kisan Mela on 20 March, 2015 at RHRTS, Dhaulakuan (**Dr(s) AK Joshi, Priyanka Thakur, Bhupesh Gupta, MK Brahmi and Pramod Sharma**)
3. Received **Letter of appreciation** 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.
4. The Board of members appreciated the presentation delivered by Dr AK Joshi, conveyed by the registrar vide letter No. UO No. UHF. Repr/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 (Dr(s) AK Joshi, Priyanka Thakur, Bhupesh Gupta, MK Brahmi and Pramod Sharma)**
5. **Dr Priyanka Thakur and whole team RHRTS, Dhaulakuan** received **appreciation letter** from Dr Sanjeev Chauhan, worthy Director of Research, YSPUHF, Nauni for the organization of Kisan Mela and Drug Eradication Awareness camp on 26 March, 2025
6. **Dr Priyanka Thakur and whole team RHRTS, Dhaulakuan** received **appreciation letter** from Dr Rajeshwar Singh Chandel, Honourable Vice Chancellor, YSPUHF, Nauni for the organization of Kisan Mela and Drug Eradication Awareness camp on 26 March, 2025

## Important Publications: 21

S.No.	Publications	NAAS Score
1	Shah, A.H., <b>Thakur, P.</b> , Kaushal, N, Kumar, P., Dhiman, S.R., Dilta, B.S., Kumar, R., Sharma, A., Kumar., P., Pandey, R.K., Sharma, P., Saklani, S., Adhikari, Y.S., Kumar, M..2026. Optimizing off season chrysanthemum production: influence of covering materials on growth and flowering performance in the low hills of Himachal Pradesh. <i>BMC Plant Biology</i> . <a href="https://doi.org/10.1186/s12870-025-07876-x">https://doi.org/10.1186/s12870-025-07876-x</a> (NAAS: 10.80, Impact factor: 4.8)	10.80
2	Shah, A.H., <b>Thakur, P.</b> , K Pardeep, S Anju, Pandey PK, K Rakesh, K Nitesh, Padi, M.2026.Comparative analysis of profitability among different cultivars of chrysanthemum flowers using HDPE and tarpaulinas covering materials. <i>Plant Science Today</i> <a href="https://doi.org/10.14719/pst.8979">https://doi.org/10.14719/pst.8979</a>	7.00
3	Kaushal, N.; Kashyap, B.; Bhatia, S.; Kumar, M.; Shah, A.H.; Bhardwaj, R.; Dilta, B.S.; <b>Thakur, Priyanka</b> . 2024. Jeevamrit: A Sustainable Alternative to Chemical Fertilizers for Marigold ( <i>Tagetes erecta</i> cv. Siracole) Cultivation under Mid-Hills of Himachal Pradesh. <i>Horticulturae</i> 10,846.	9.10
4	<b>Thakur, Priyanka</b> , Sharma, Kulwant Rai, Pat Denne, Mary and Thakur, Ajay.2007.Studies on stem structure of X Laburnocytisus adamii (Poit) Scheid. <i>Current Science</i> . Vol. 92(4):437-440	7.00
5	Sangama, M. Palmsey, Dhiman, SR, Thakur, Priyanka and Gupta, YC.2016. Effect of covering materials on off-season flower production in chrysanthemum ( <i>Dendranthema grandiflora</i> L) <i>Indian Journal of Agricultural Sciences</i> . Vol 86 (4):522-526	6.40
6	Dhiman, SR, Gupta, YC, <b>Thakur, Priyanka</b> , Kashyap, Bharti, Sharma, Meenakshi.2018. Effect of different blackout materials on off season pot mum production of chrysanthemum ( <i>Dendranthema grandiflora</i> L.) <i>Indian Journal of Agricultural Sciences</i> . Vol 88 (4):601-605	6.40
7	Joshi, AK, Brahmi, MK, Gupta, BK, Kumar, P, <b>Thakur, Priyanka</b> and Chauhan, VK.2019. Apriori to agricultural problems emerged through participatory rural appraisal in temperate zone of Himalayas. <i>Indian Journal of Agricultural Sciences</i> . 89 (2):220-230	6.40
8	Thakur A, Yadav S, Kumar P, Kandari P, Godara, S and <b>Thakur Priyanka</b> . 2023. In vitro clonal propagation of <i>Aristolochia elegans</i>	6.30

	Mast. <i>Propagation of Ornamental plants</i> .23(2): 49-55	
9	Sharma, P, <b>Thakur, Priyanka</b> , Dhiman, S.R and Gupta, Y.C.2013. Effect of nitrogen, phosphorus and potassium on growth and flowering of <i>Barleria cristata</i> Linn. <i>Indian Journal of Horticulture</i> . Vol 70 (3): 442-447	6.10
10	Kumari Neha, Dilta BS, <b>Thakur Priyanka</b> , Lohia Sahil and Jattan Priyanka. 2024. Altitude dependent growth and yield characteristics in Petunia (Petunia X hybrida Vilm.): A comparative study of varietal responses. <i>Journal of Advances in Biology and Biotechnology</i> .27(12): 430-437	5.30
11	Kumar Manish, <b>Thakur Priyanka</b> , Kashyap Bharati, Sharma Anju, Kumar Pradeep, Bhardwaj Ragini, Kaushal Nitesh, Shah Ali Haidar and Sahu Praveen Kumar.2025. The economics of Dahlia ( <i>Dahlia variabilis</i> L.) cultivation in the low hill conditions of Himachal Pradesh. <i>Agriculture Association of Textile Chemical and Critical Reviews Journal</i> : 204-211	5.38
12	Shilpa, Kumari M, <b>Thakur P</b> , Rimpika and Kashyap S. 2026. Performance evaluation of strawberry ( <i>Fragaria × ananassa</i> Duch.) cultivars for growth, yield and fruit quality under subtropical, sub-montane regions of Himachal Pradesh. <i>International Journal of Research in Agronomy</i> . 2026; 9(3): 48-52. NAAS rating: 5.20	5.20
13	Kumar M, <b>Thakur Priyanka</b> , Kashyap B, Kumar P, Sharma A, Bhardwaj R, Kaushal N and Shah AH. 2024. Effect of Different Planting Dates on Tuber Production in Dahlia ( <i>Dahlia variabilis</i> L.) in Low Hill Conditions of Himachal Pradesh, India. <i>Plant Cell Biotechnology and Molecular Biology</i> . <a href="https://doi.org/10.56557/PCBMB/2024/XXXX">https://doi.org/10.56557/PCBMB/2024/XXXX</a>	5.07
14	Kumar Manish, <b>Thakur Priyanka</b> , Kashyap Bharati, Sharma Anju, Kumar Pradeep, Bhardwaj Ragini, Kaushal Nitesh, Shah Ali Haidar and Sahu Praveen Kumar.2025. The economics of Dahlia ( <i>Dahlia variabilis</i> L.) cultivation in the low hill conditions of Himachal Pradesh. <i>Agriculture Association of Textile Chemical and Critical Reviews Journal</i> : 204-211	5.38
15	Kumar Manish, Bhardwaj Ragini, <b>Thakur Priyanka</b> , Sharma Puja, Kashyap Bharati, Dilta, BS, Kaushal Nitesh, Shah Haidar Ali and Sohi Anuj. 2024. Blossoming Flavours: Harnessing the potential of edible flowers in the food industry. <i>Agriculture Association of Textile Chemical</i>	5.38

	<i>and Critical Reviews Journal</i> . Vol12(04): 45-49	
16	<b>Thakur, Priyanka</b> , Shah, A.H, Adhikari, Y, Kumar, M and Verma, S.2022.Dahlia cultivation in India and abroad: A Review. <i>International Journal of Plant and Soil Science</i> . Vol 34 (19):240-251	5.07
17	Gurung Anamika, Gupta Y.C., Bhatia Suman, <b>Thakur Priyanka</b> and Yadav Priya. 2018.Effect of Integrated Nutrient Management on Growth and Production of Hydrangea ( <i>Hydrangea macrophylla</i> Thunb.) <i>Int. J. Curr. Microbiol.App.Sci</i> 7(4): 2080-2086	5.38
18	Kumar M, <b>Thakur Priyanka</b> , Kashyap B, Kumar P, Sharma A, Bhardwaj R, Kaushal N and Shah AH. 2024. Effect of Different Planting Dates on Tuber Production in Dahlia ( <i>Dahlia variabilis</i> L.) in Low Hill Conditions of Himachal Pradesh, India. <i>Plant Cell Biotechnology and Molecular Biology</i> . <a href="https://doi.org/10.56557/PCBMB/2024/XXXX">https://doi.org/10.56557/PCBMB/2024/XXXX</a>	5.20
19	Kumar R, <b>Thakur Priyanka</b> , Gupta YC, Dogra R, Sharma U and Thakur A. 2022. Genetic variation of dahlia cultivars evaluated in subtropical Himalayas and path co-efficient analysis of flowering and vegetative characteristics. <i>Progressive Horticulture</i> . 54(1):82-87 (DOI:10.5958/2249-5258.2022.00010.0)	4.90
20	Bhardwaj, H, <b>Thakur, Priyanka</b> , Dhiman, SR, Gupta, YC, Dilt, BS, Thakur, A and Chandel, Rahul. 2020. Benzyl adenine and Paclobutrazol coupled with shoot decapitation affects growth and flowering in Barleria cristata L. 'Alba'. <i>International Journal of Current Microbiology and Applied Sciences</i> . 9 (2):2007-2017	5.38

### 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)

**International Conferences attended abroad:**

1. Presented two research papers on native flowers in XXVII International Horticulture Congress (IHC) at Seoul, Korea (13-19 August, 2006)
2. Participated in 10th International Turfgrass Research Conference at Llandudno, Wales, United Kingdom (10-16 July, 2005)

**International trainings/workshops attended abroad:**

S.No.	Title of the course	training	Duration	Name of organizing institution
1.	Dreamweaver Package Course	July, 2006	One month	Department of Life Long Learning, University of Wales, Bangor, Gwynedd, United Kingdom
2.	Information technology course on Access XP database package	August, 2006	One month	Department of Life Long Learning, University of Wales, Bangor, Gwynedd, United Kingdom
3.	Identification, propagation, conservation and digitization of ornamental plants in botanic gardens	9 May to 2 September,2005	4 Months	Treborh Botanical garden, University of Wales, United Kingdom

- Organized 01 National Workshop on Floriculture, Kisan Mela (03), (05) awareness programme, Agrifest 01, >150 training programmes including 04 Skill development trainings on Floriculture and Fruits under HP Kaushal Vikas Yojana, >300 exposure visits for farmers and students of HP and other states and 50 farmer-scientist interactions.