

PROFORMA FOR BIODATA OF

Name: Dr. Madhulika Pandey

Designation: Assistant Professor

Department/Institute/University: Institute of Medicinal & Aromatic Plants, VCSG

Uttarakhand University of Horticulture & Forestry, Mehalchori,

Gairsain-246431, Distt. Chamoli, Uttarakhand

Date of Birth: August 10th, 1985 **Sex (M/F):** Female

SC/ST: NA

Education (*Post-Graduation onwards & Professional Career*)

S.N.	Institution Place	Degree Awarded	Year	Award / Prize / Certificate
1	G. B. Pant University of Agriculture and Technology, Pantnagar, Uttarakhand	B.Sc. Ag.	2009	-
2	G. B. Pant University of Agriculture and Technology, Pantnagar, Uttarakhand	M.Sc. Ag. (Agronomy)	2011	-
3	Punjab Agricultural University, Ludhiana, Punjab	Ph.D. (Agronomy)	2015	1. NET Qualified; 2. ICAR SRF (PGS)

Research Experience in various institutions (*if necessary, attach separate sheets*).

Designation	Institute	Salary	Period of service	
			From	To
Assistant Professor (Agronomy)	Institute of Medicinal & Aromatic Plants, VCSG UUHF, Mehalchauri, Gairsain, Chamoli, Uttarakhand	15600-39100+6000 AGP	14 th March 2018	Continue
Subject Matter Specialist (Agronomy)	KVK, Hamirpur, Banda University of Agriculture & Technology, Banda, U. P.	15600-39100+5400 AGP	12 th Dec. 2017	12 th March 2018
Teaching Associate	College of Agriculture, Rani Lakshmi Bai Central Agricultural University, Jhansi, U.	Rs. 48000/- Fixed	4 th Feb,	11 th Dec.,

	P.		2016	2017
Research Fellow	Punjab Agricultural University, Ludhiana	Rs. 27,600/- Fixed	22 nd June, 2015	21 st Dec., 2015

Publications (*Numbers only*).....

Book: 1 Book chapter: 5
Research Papers: 24 Popular articles: 4
Training manuals: 8 Pamphlets: 11

List of important publications (Recent)

1. **Madhulika Pandey**, Nirdesh Kumar, Nivedita Pandey & Priyanka Gupta (2026). Education, rural mobility and cultural adaptation in Uttarakhand Himalaya: pathways for sustainable mountain development—A Review. *International J. Plant & Environ.* (**Accepted for Volume 12; 2026**) (**NAAS rating, 2026; 5.12**)
2. Krishna, **Madhulika Pandey** and Manju Negi (2024). Seed germination and growth parameters of Firethorn (*Pyracantha crenulata* M. Roem.) as influenced by different sowing date and Gibberellic acid concentrations. *Ecology Environment & Conservation* 30(1): 191-196. (**NAAS rating, 2026; 5.05**).
3. **Madhulika Pandey** and Nirdesh Kumar (2024). Diversity of traditional grain legumes of Himalayan region of Uttarakhand. *Ag. Review* 45(1), 96-102. (**NAAS rating, 2026; 4.84**) (**Doc. 46**)
4. **Madhulika Pandey** and Thakar Singh (2021). Evaluation of bed planted wheat (*Triticum aestivum* L.) in relation to row orientation and intercropping systems. *J. Crop & Weed* 17 (1): 13-18. (2021). (**NAAS rating, 2026; 5.27**)
5. **Madhulika Pandey**, B. P. Nautiyal and Nirdesh Kumar (2019). Sustainability improvement of traditional cropping system in Uttarakhand, India, through intercropping with medicinal and aromatic plants. *Current Science*. 117 (8), 1281-1285. (**NAAS rating, 2026; 7.0**)
6. Amit Kumar, Meenakshi Arya, Anshuman Singh, **Madhulika Pandey** and Sushil Kumar Singh (2019). Evaluation of mustard productivity under front line demonstration in Bundelkhand region. *Indian J. Agric. Res.* 53(4): 508-510. (**NAAS rating, 2026; 5.60**)

7. **Madhulika Pandey** and Thakar Singh (2018) Production potential and economic viability of bed planted wheat as influenced by different intercropping systems and levels of nutrients applied to intercrops. *Indian Journal of Agronomy*.63 (1): 26-31. **(NAAS rating, 2026; 5.21)**
8. Makhan S. Bhullar, **Madhulika Pandey**, Sunny Kumar and Gurjeet Gill (2016) Weed management in conservation agriculture in India. *Indian Journal of Weed Science* 48(1): 1–12. **(NAAS rating, 2026; 5.42)**
9. **Madhulika Pandey** and Thakar Singh (2015). Competitive indices of bed planted wheat based intercropping systems as influenced by row orientations and different intercrops. *Research on Crops* 16 (3): 432-37 (2015). **(NAAS rating, 2025; 4.96)**
10. **Madhulika Pandey**, Thakar Singh & Rajiv Sikka (2015). Effect of different intercropping systems and levels of nutrients applied to intercrops on periodic nutrient uptake of bed planted wheat. *Ecology, Environment and Conservation*. 22: S261-65 (2015). **(NAAS rating, 2026; 5.05)**

Project(s) submitted / being pursued / carried out by Investigator

Project Title	Funding Agency	Grant Amount	Duration (Years)	Role (PI / Co-PI / Member)	Project Status (Ongoing/ Completed)	Page No. of Self-attested Supporting Document
“Establishment of Model Nursery for Production of Elite Planting Stock of Damask Rose (<i>Rosa damascene</i> Miller) through Efficient Agro-techniques.”	State Horticulture Mission, Uttarakhand	₹ 15.0 Lakh	1 year (2020-21)	Principal Investigator	Completed	
Grant for construction of toilet at Farm area of IMAP, Mehalchori at Hargarh (Infrastructure development)	Vidhayak Nidhi	₹ 2.0 Lakh	1 year (2021)	Principal Investigator As OIC fund for Infrastructure	Completed	

Grant for construction of toilet at Farm area of IMAP, Mehalchori at Hargarh (Infrastructure development)	Jila Panchayat	₹ 2.0 Lakh	1 year (2022-23)	Principal Investigator As OIC fund for Infrastructure	Completed	
Development and Frontline Demonstration of Low-Cost Seed Storage Technologies for Farmers of Chamoli District, Uttarakhand	CAO, Chamoli	₹ 2.0 Lakh	1 year (2026-27)	Principal Investigator Grant for Extension work at IMAP, Mehalchauri	Completed	
Joint Visits (20) by Scientists and Extension Workers (2026-27) Centrally Sponsored ATMA Scheme for Dist. Chamoli.	CAO, Chamoli	₹ 0.40 Lakh	1 year (2026-27)	Principal Investigator Grant for Extension work at IMAP, Mehalchauri	Ongoing	

Place: Mehalchori



Date: 9/10/2026

Signature of Investigator(s)