


Curriculum Vitae

Full Name:	PRATTI PRASAD			
Designation:	PROFESSOR			
Department:	High Altitude Plant Physiology Research Centre			
Campus:	Birla, Srinagar			
Telephone:	01346252172	Fax:		
Mobile:	9411109626, 7300791669			
Email	ppratti@gmail.com			
Education Qualification:	M.Sc. Ph.D. Andhra University 1988			
Teaching Experience:	30 Years	Research Experience:	40 Years	
Research Interest and Fields of Specialization				
1.Plant Physiology and Biochemistry 2.Conservation of Medicinal and Aromatic Plants				
Honours & Awards				
1. SRF-CSIR-1988 2. DST-Visiting Fellowship-1998				
Member of Academic Institutions: Nil				
Membership of Scientific Organizations				
1. The Indian Society for Plant Physiology, New Delhi-Life Member 2. The Society for Plant Physiology and Biochemistry, New Delhi-Life Member				
Research Supervision (No. of Ph.D. Degree Awarded/Submitted/Registered)				
Awarded: 21 , Submitted: 00 , Registered: 01				
Research Projects/MoU undertaken				
Title, Funding Agency, Total Cost, Completed/Ongoing.				
1. Biochemical aspects of ammonium assimilation in mountain plants. SP/SO/A-54-93, dt. 11.01.1995, Rs. 13,55,850/-, Department of Science & Technology, New Delhi. (completed)				
2. Multiplication and Conservation of some endangered/threatened high altitude medicinal herbs. Co-Investigator . GBP/IERP/92-93/26/877 dt. 05/02/1994, Rs. 2,88,000/-, GB Pant Institute of Himalayan Institute of Environment & Development, Almora (UP) (completed)				
3. Genetic diversity, multiplication and conservation of some herbs used in ayurvedic medicine group "Astaverga" Co-investigator . BT/PR2862/PBD/17/163/2002. Rs. 20.06 lakhs, Department of Biotechnology, New Delhi. (completed)				
4. Establishment of energy plantation unit in sub-standard soils in Garhwal region of Uttaranchal using woody species. Co-investigator . BT/PR2709/AFR/08/194/2001. Rs14.00 lakhs. Department of Biotechnology, New Delhi. (completed)				
5. Vulnerability assessment, nutrient pool and vegetation response of Alpine ecosystem to climate change in Himalaya. Co-Investigator . No. 14/3/2006-ERS/RE, dated 09 th November 2006. Rs. 38 lakhs. Ministry of Environment & Forests, New Delhi. (completed)				
6. "Development and standardization of large scale propagation and multiplication of <i>Aneglica glauca</i> (Choru) and <i>Swertia chirayita</i> (Chirata): High valued RET Plants"- State Biotechnology Dept. Uttarakhand. 9.20 laks (Co-Investigator) – (completed)				

7. Establishment of Gene Pool, Propagation and Ex- Situ Conservation of selected sensitive high altitude Medicinal and Aromatic plant species and Nature Interpretation Site (NIS) for Creating Awareness among the various stakeholders. **Co-Investigator** Rs.2,07,96,000/- NATIONAL MISSION ON HIMALAYAN STUDIES (NMHS), MOEF, **(completed)**
8. Evaluation and standardization of applicable fast propagation techniques (biotechnological and conventional) of highly valued and high risk plant species "*Inula recemosa* (Pushkarmool) and *Paris polyphylla* (Satuwa) for promotion of cultivation and conservation of the species in higher Himalayan region of Uttarakhand . UCFB, Dept. of Agriculture, Gov of Uttarakhand, **Co-Investigator** Rs. 9.0 lakhs 2022-**(On-going)**

9.

Administrative Experience

1. Programme Officer-NSS (Nov. 2004-March 2008)
2. Co-ordinator-PG Entrance Examination-2014-16
3. Co-ordinator- UGC Coaching Schemes for SC, ST, OBC and minority students-May 2011 to Date

Scientific Visits Abroad/International Collaboration

1. Department of Environmental Sciences, College of Resources and Environmental Sciences, China Agricultural University, Beijing from September 28th to 12th October 2009.

Conference/Symposium/Workshop Attended during last five years (2017-2022)

International: Nil

National: Delivered an invited talk at Recent Advances in Biotechnology and Environmental Science (ICRABES) held at VIT Vellore, India during December 16-18, 2022.

Conference/Symposium/Workshop Organized during last five years (2017-2022)

Nil.

Publications during last five years(2017-2022)

Journals

1. Chemical and biological evaluation of essential oil from *Saussurea costus* (Falc.) Lipsch. from Garhwal Himalaya collected at different harvesting periods. Cristina Benedetto, Maurizio D'Auria, Marisabel Mecca, **Pratti Prasad**, Pramod Singh, Sandeep Singh, Chiara Sinisgalli & Luigi Milella. *Natural Product Research*, 33: 2355-2358 (2018).
2. Efficient *In Vitro* Propagation Protocol of *Swertia chirayita* (Roxb. 3 ex Fleming) Karsten: A Critically Endangered Medicinal Plant. Rajeev Ranjan Kumar, Vijay Kant Purohit, **P. Prasad** and Anant Ram Nautiyal. *Natl. Acad. Sci. Lett.* 41: 123-127 (2018).
3. Evaluation of ecological attributes of *Jurinea macrocephala* (Royle) C.B. Clarke, A threatened medicinal herb of Western Himalaya. Sandeep Singh Charak, **Pratti Prasad**, Baikunth Nath Pandey and Sudeep Chandra. *Eco Chronicle*. 13(3)-83-88 (2018).
4. Medicinal importance *Swertia speciosa* (Wall D.Don:) A Review. Rajeev Ranjan Kumar, Vaishali Chandola, Jaidev Chauhan, **P. Prasad** and V.K. Purohit. *Journal of Emerging Technologies and Innovative Research (JETIR)* 6(6):693-703 (2019).
5. Assessment of Bijamrita on seed germination and seedling vigor of Foxglove (*Digitalis purpurea* L.) under different conditions. Yashwant Singh Tariyal and **P. Prasad**. *Research Journal of Aricultural Sciences* 11(5):1194-1196 (2020).
6. Effect of elevated CO₂ and temperature on growth and biomass production of *Nardostachys jatamansi* DC. Pradeep Dophal, Sudeep Semwal, Zarkha Sultan, **Pratti Prasad** and Vijay Kant Purohit. *Bioinfolet* 18(4):486-489 (2021).

7. Seed Source Determines Germination and Survivability in *Saussurea obvallata* (DC.) Edgew. An Endemic Herb of Indian Himalayan Region, India. V. K. Purohit, Pradeep Dobhal, B. S. Mengwal, Jaidev Chauhan, M. C. Nautiyal, A. R. Nautiyal and **P. Prasad**. *Ecology, Environment and Conservation* 8:470-478, (2022).

8. Organic Manure As An Alternative To The Conventional Mineral Fertilizers In Cultivation Of *Digitalis Purpurea* L. Yashwant Singh Tariyal, Sadaf Ansari and **Pratti Prasad**. *J. Mountain Res.* Vol. 17(1), 1-7 (2022)

Proceedings:

Books: Nil

Total Number of Research Publications: 82