

CURRICULUM VITAE



Dr. Prakash Chandra Phondani

Present Communication Address

Department of Botany

Government Professional College Banas, Paithani-246123, Pauri Garhwal, Uttarakhand, India

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Personal Details:

- Date of Birth: December 10th, 1982
- Nationality: Indian
- Gender: Male
- Permanent Address: Village- Pali, Patti- Dagar, Post Office- Thati Dagar- 249161, Tehsil- Devprayag, District- Tehri Garhwal, Uttarakhand, India

Career Objectives:

To establish myself as a successful professional by executing my capability acquired from my academic qualifications, depth scientific experience by personal approach to a given problem. Application of my talents and ability in the new atmosphere, with challenging outlook to gain the desired result in a given field.

Present Status:

Working at Government Professional College Banas, Paithani, Pauri Garhwal Uttarakhand, India as an **Assistant Professor in Department of Botany** for teaching graduate students and also looking into its multidimensional research and developmental activities.

Educational Qualifications:

- **Ph.D. (2011)** in Botany entitle "A Study on Prioritization and Categorization of Specific Ailments in Different High Altitude Tribal and Non-Tribal Communities and Their Traditional Plant Based Treatments in Central Himalaya" from H.N.B. Garhwal Central University, Srinagar, Uttarakhand, India.
- **M.Sc. (2004)** in Botany from H.N.B. Garhwal Central University, Srinagar, Uttarakhand, India with first division.
- **B.Sc. (2002)** in Chemistry, Zoology and Botany from H.N.B. Garhwal Central University, Srinagar, Uttarakhand, India with first division.
- **Intermediate (1999)** in Hindi, English, Physics, Chemistry and Biology from UP Board Allahabad, India with first division.
- **High School (1997)** in Hindi, English, Social Science, Science-2, Maths-2 and Biology from UP Board Allahabad, India with first division.

Work Experience:

- **Assistant Professor w.e.f. 15/11/2017 to continue** in Department of Botany, Uttarakhand Higher Education Department, Uttarakhand, India.
- **Young Scientist w.e.f. 25/07/2015 to 14/11/2017** in R & D project entitled “**Ecological Analysis of Indigenous Agroforestry Systems with Reference to Climate Change Adaptation, Mitigation and Coping Strategies in Indian Central Himalaya**” under fast track young scientist scheme in Science and Engineering Research Board (SERB-DST), govt. of India at G. B. Pant National Institute of Himalayan Environment & Sustainable Development, Garhwal Unit, Srinagar, Uttarakhand, India.
- **Post-Doctoral Fellow w.e.f. 22/08/2014 to 21/07/2015** in subject “Potential Native Plants for Urban Landscape of Gulf Countries: Propagation and Adaptation under Nursery and Street Conditions” at Gulf Organization for Research and Development (GORD), **Doha, Qatar**.
- **Project Associate/Coordinator w.e.f. 11/10/2013 to 21/08/2014** in R & D project entitled “Mainstreaming Conservation and Sustainable Use of Medicinal Plant Diversity in three Indian States (GoI-GEF-UNDP)” at State Medicinal Plants Board (SMPB), Dehradun, Uttarakhand, India.
- **Research Associate w.e.f. 07/02/2011 to 10/10/2013** in R & D project entitled “Enhancement of livelihood security through sustainable farming systems and related farm enterprises in North-West Himalaya (NAIP-ICAR)” at G. B. Pant National Institute of Himalayan Environment & Sustainable Development, Kosi- Katarmal, Almora, Uttarakhand, India.
- **Senior Research Fellow w.e.f. 18/4/2007 to 31/3/2010** in R & D project entitled “A study on prioritization and categorization of ailments specific medicinal plants and their contribution in traditional health care systems of tribal and non-tribal communities of high altitude region of Alaknanda catchment of Uttaranchal (NMPB)” at G. B. Pant National Institute of Himalayan Environment & Sustainable Development, Garhwal Unit, Srinagar, Uttarakhand, India.
- **Junior Research Fellow w.e.f. 15/9/2005 to 31/3/2007** in R & D project entitled “Identification of the genotypes of *Hippophae rhamnoides* for multiplication and large scale demonstration in the higher Himalayan region of Uttarakhand (DST)” at G. B. Pant Institute of Himalayan Environment & Development, Garhwal Unit, Srinagar, Uttarakhand, India.

Awards/Honors:

1. **Faculty Mentor** award under DevBhoomi Udyamita Yojana sponsored by Uttarakhand Higher Education and EDII, Ahmedabad, Gujarat on 14th-19th July, 2024.
2. **Devbhumi Shikshak Gaurav Samman** by Devbhumi Jankalyan evm Shiksha Samiti, Chamoli, Uttarakhand Awarded in occasion of Teachers Day on 5th September, 2023.
3. **Best Researcher Award** by VDGOD Professional Association under theme of International Scientific Award on Engineering, Science and Medicine, 16 & 17 April 2021, Ooty, India (**Given by Uttarakhand Higher Education Minister Dr. Dhan Singh Rawat**).
4. **Fast Track Young Scientist Award** by Science and Engineering Research Board (SERB), Government of India on October 9th, 2014.
5. **Young Scientist Award** by Uttarakhand Council of Science and Technology (UCOST), Government of Uttarakhand on December 28th, 2013.
6. **Best Presentation Award** by Society for Environment and Development, New Delhi at HAPPRC, HNB Garhwal Central University, Srinagar, Uttarakhand, India on August 6th -7th, 2011.

Membership:

1. **Academic Counselor** of Regional Services Division **IGNOU** HQ, Maidan Garhi, New Delhi.
2. Life member of **The Indian Science Congress Association**, Kolkata, India
3. Life member of **Medicinal and Aromatic Plants Association of India**, Anand, Gujarat.
4. Expert member of **International Union for Conservation of Nature (IUCN)**, New Delhi, India.

5. Member of **Society for Environment and Development, India** (SEDINDIA), New Delhi, India.
6. Member of **Vaidyas Association** (Paramparik Gramin Chikitsak Sava) in Uttarakhand, India.
7. Member of **Regional Reporter**, Srinagar Garhwal, Uttarakhand, India.
8. Scientific Advisor of **SAMBANDH** Non-government organization (NGOs), Uttarakhand, India.
9. Member of **Admission committee** at Govt. PG College Augustyamuni, Rudraprayag, Uttarakhand
10. Member of **Innovation project** at Govt. PG College Augustyamuni, Rudraprayag, Uttarakhand
11. Counselor of Indira Gandhi National Open University (IGNOU), New Delhi

Country Visited:

1. Qatar
2. Nepal

Resource Person:

1. G.B. Pant National Institute of Himalayan Environment and Sustainable Development (MoEF& C Govt. of India), Garhwal Regional Centre Srinagar, Uttarakhand
2. HNB Garhwal University (A Central University), Srinagar Garhwal, Uttarakhand, India
3. SSB Academy Srinagar Garhwal, Uttarakhand, India
4. Bioresource Department, Emami India Limited Kolkata, India

Area of Interests:

- Teaching
- Depth Scientific Research and Development

Teaching Area:

- Ethnobotany and Resource Utilization
- Ecology and Agroforestry
- Environmental Management
- Biodiversity Conservation
- Propagation Techniques

Research Area:

- Ethnobotany, Medicinal plants and resource utilization
- Biodiversity conservation and natural resources management
- Agro-techniques, seed germination and eco-physiology of plants
- Agroforestry, restoration ecology and forest ecology
- Impact of climate change and traditional ecological knowledge
- Floriculture and sustainable landscaping
- Capacity building for entrepreneurship development and livelihood enhancement

Principal Investigator (PI) of Completed Project (2015-2018):

1. Ecological Analysis of Indigenous Agroforestry Systems with Reference to Climate Change Adaptation, Mitigation and Coping Strategies in Indian Central Himalaya sponsored by **Science and Engineering Research Board (SERB)**, Government of India (**Rs. 27,94000 for 3 years**).

Publications (List Attached):

1. Research Papers Published in Peer Reviewed Journals: **47** (International: **36**, National: **11**)
2. Total Citation Index (Google Scholar): **1676**
3. Total NAAS Rating: **137.41**
4. Text Book under Process: **01**
5. Book Chapters: **15**
6. Proceedings of International & National Seminars: **04**
7. Research Papers Presented in National and International Conference: **30**
8. Articles Published in Magazines & Newsletters: **28**
9. Training Manuals: **02**

10. Participated/Attained Training/Seminar/Workshop with Stakeholders: **47**
11. Supervised M.Sc. Dissertation students from Uttarakhand Open University: **08**

Extracurricular Activities:

1. **Faculty Mentor** of DevBhoomi Udyamita Yojana sponsored by Uttarakhand Higher Education and EDII, Ahmedabad, Gujarat.
2. Examination and evaluation duties assigned by the college/ university particularly conducting practical exam as an external examiner, attending the examination and paper evaluation.
3. Member of different committees at Uttarakhand higher education, Uttarakhand.
4. Student related co-curricular, extension and field based activities i.e. **career counselling, exposure visits, cultural programme, sports, NSS etc.**
5. I am one of the reviewer of high repute national and international journals such as **Plant Species Biology, Canadian Journal of Botany, Journal of Cleaner Production, International Journal of Biologia, Research Journal of Plant Science, Journal of Applied Research on Medicinal and Aromatic Plants, Medicinal Plants Research, Journal of Essential Oil Bearing Plants, International Journal of Pharmaceutical Research and Journal of Medicinal and Aromatic Plants.**
6. Facilitated signing Memorandum of Understanding (MoU) between farmers and **Dabur India Ltd.** for best marketing opportunities of medicinal and aromatic plants.
7. Actively participated in 10 days NSS camp at Chauras campus of H.N.B. Garhwal Central University, Srinagar Garhwal during B.Sc. student.
8. **Anchored all the programmes/activities** organized by G.B. Pant National Institute of Himalayan Environment and Sustainable Development Garhwal Unit Srinagar since January 2008 to November 2017.
9. Actively involved in the different extension activities for development of **RTC for Medicinal and Aromatic Plants (MAPs)** nursery, **Floriculture** and **Horticulture** models, development of **Silvi-medicinal & Silvi-pastoral prototypes** and construction of **Polyhouse, Nethouse, Vermicompost** and **Water harvesting tank** through participatory approach in Uttarakhand.

References:

1. **Dr. K.G. Saxena, Professor & Dean (Ret.),** School of Environmental Sciences, Jawaharlal Nehru University (JNU), New Delhi, India. Phone No. 09971461199. Email address: kgsaxena@mail.jnu.ac.in
2. **Dr. R.K. Maikhuri,** Professor & Head, Department of Environmental Science, H.N.B. Garhwal University (A Central University), Srinagar Garhwal - 246174, Uttarakhand, India. Phone No. 09410392632. Email address: rkmaikhuri89@gmail.com
3. **Dr. C.M. Sharma,** Professor & Dean (Ret.), School of Life Sciences, Department of Botany, H.N.B. Garhwal University (A Central University), Srinagar Garhwal - 246174, Uttarakhand, India. Phone No. 09412079937. Email address: sharmacmin@gmail.com

Place: Srinagar Garhwal
Date: 30/06/2025

(Dr. Prakash Chandra Phondani)