

Curriculum Vitae

Dr. Rajendra Singh Parihaar

Ph. D. Assistant Professor (Guest Faculty)
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Vision

- To establish a career in the field of academics and Research & Development, where I can hone my skill and endorse to the utmost in the larger interest of the society and approaching through professional platform in an organization in quest of the progress of organization, society and self-growth

Educational Qualifications

- **Ph. D** in **Botany** with specialization in **Agroforestry and Ecology**, Kumaun University, D.S.B. Campus, Nainital (**with course work completed 2012**), **1st division**, year 2016

Thesis title: Carbon Stock and Carbon Sequestration Potential of different Land-use Systems in Hills and Bhabhar belt of Kumaun Himalaya

- **M.Sc. Botany** with specialization in **Plant Taxonomy**, Kumaun University, P.N.G.P.G. College, Ramnagar, **2nd division**, year 2010

Thesis title: Some important traditionally used Medicinal plant species that is grown in the rural areas

- **B.Sc. Zoology, Botany & Chemistry**, Kumaun University, P.N.G.P.G. College, Ramnagar, **1st division**, year 2008

Advanced Educational Trainings

- **'A' Level Diploma**, Basic Knowledge (C, C++, Data Structure through C++, Computer organization) ESTC Kaniya and DOEACC Society New Delhi
- **PNGPG College Ramnagar-National Service Scheme (Two year: July 2005–June 2006)** as an **'Obedient N.S.S. Volunteer & attended an Annual Camp (Nov 27-Dec 6, 2005)** at ITI, Maldhanchaur organized by **PNGPG College Ramnagar** therein also qualify the **'B'** certificate exam dated on 30 Dec 2006.

Hands-on Skills

- SPTR 16 (Factorial analysis), SPSS 17, Statistica, Spectrophotometry and Flame Photometry, CHNS Analyzer
- PCA analysis and dendogram, TOC analyzer

Computer Literacy

- Well-versed with MS Word, MS Power Point and MS Excel

Professional Experience

- **Guest Faculty, 11,** Dec, 2017 – 7, January, 2019, Department of Botany, Ram Singh Dhauni Govt. Degree College Jainti, Almora, Kumaun University, **Government of Uttarakhand,** India.
- **Guest Faculty, 09,** Jan, 2019 – till now, Department of Botany, Radhey Hari Govt. Post Graduate College Kashipur, Udham Singh Nagar, Kumaun University, **Government of Uttarakhand,** India. The subject which I have been teaching here are as follows:

Subject Name	Programme	Semester
Environmental Science	B.A., B.Com, B.Sc. Final Year	IV, 2017-21
Economic Botany	B.Sc. Final Year	2017-20
Plant Physiology	B.Sc. Final Year	2017-18
Ecology	B.Sc. Final Year	2017-21
Biotechnology	B.Sc. Final Year, M.Sc.IV sem	2017-20
Biostatistics	B.Sc. Final Year	2017-21
Algae	B.Sc.	I, 2018-21
Bryophytes	B.Sc.	I, 2018-19
Fungi	B.Sc.	I, 2018-19
Microbiology	B.Sc., M.Sc.	II, 2018-21
Plant Morphology	M.Sc.	II, 2018-21
Plant Pathology	M.Sc.	IV 2021

Research Experience

- A 5-years research to develop an alternative green technology for agriculture land treatment with economic returns. Hence, Ph. D research work “**Carbon Stock and Carbon Sequestration Potential of different Land-use Systems in Hills and Bhabhar belt of Kumaun Himalaya**” had been done in the Hill and Bhabhar Belt. Thus the integration of fast growing tree species technology used to assessed for daily needs and economic opportunity
- A 5-year research experience in the thrust area of Ethno-botany and Ecology during the research work as Junior and Senior research Fellow under the scheme of UGC- BSR at Department of Botany, DSB, Campus Nainital, **3 year teaching experience** of UG and PG during the research work.
- A 1-years M.Sc. research work on medicinal plant and herbarium preparation. With title “**Some important traditionally used Medicinal plant species that is grown in the rural areas**” was studied.

Participation in National and International Seminar/Conference

Attended and/or presented paper in Seminars and Conferences, prominently:

- Capacity Building Training In Plant Taxonomy, March 19 – 26, 2012 at Botanical Survey of India, Dehradun

- 7th Uttarakhand State Science and Technology Congress -2012, 21-23 NOV 2012 at Graphic Era University, Dehradun
- National Conference on Climate Change: Socio-Economic and Environmental Issues-Problems and Challenges, April 21-22, 2013 at Meerut
- 8th Uttarakhand State Science and Technology Congress -2013, 26-28 NOV 2013 at Dun University, Dehradun
- 101st Indian Science Congress Association- 2014, 3-7 March, 2014; at Jammu University
- National Conference on Environmental Constraints, Conservation and Resource Development of Medicinal Plants for Health and Societal Benefits, 22-23 April 2014 at Dun University, Dehradun
- 102nd Indian Science Congress Association- 2015, 3-7 March, 2014; at Mumbai University
- 104th Indian Botanical Society - 2015, 22-24 October, 2015; at Jaipur University
- 103rd Indian Science Congress Association- 2016, 3-7 March, 2014; at Mysore University
- International Training Workshop on Climate Data Analysis and Projection organized by Department of Geography, Kumaun University, Nainital in collaboration with school of civil engineering and Geosciences, Newcastle University, Newcastle, United Kingdom on 26-27 August, 2016
- 6th International Science Congress on 8th & 9th December 2016 held at Hutatma Rajguru Mahavidyalaya. Rajgurunagar, Pune, Maharashtra, India

Membership of Professional Societies

- **Life Member, Oaks**, Department of Botany, Kumaun University, Nainital
- **Life Member, Current Horticulture**, Society for Horticultural Research and Development, Ghaziabad.
- **IJAS Life Member**, ICAR-*Indian Journal of Agricultural Sciences*, New Delhi

Publications

Research Papers

In National

- 08.** Ganesh, D.B. and **Parihaar, R.S.** 2020. Use of Remote Sensing and Geographic Information System on Agroforestry Ecosystem in Himalayan Region of Uttarakhand. *Geoecology of Landscape Dynamics*. Advance in Geographical and Environmental Sciences. Springer. http://doi.org/10.1007/978-981-15-2097-6_12.
- 07.** **Parihaar, R.S.**, Bargali, K., and Bargali, S.S. 2015. Status of an indigenous agroforestry system: A case study in Kumaun Himalaya, India. *Indian Journal of Agriculture Science*. 85(3):442-447.
- 06.** **Parihaar, R.S.**, Bargali, K., Bargali, S.S. 2014. Diversity and uses of ethno-medicinal plants associated with traditional agroforestry systems in Kumaun Himalaya, *Indian Journal of Agricultural Science*. 84(12): 1470–76.
- 05.** **Parihaar, R.S.**, Bargali, K. and Bargali, S.S. 2013. Ecological attributes of Some Invasive Plant Species of Jhirna Range in Corbett National Park, Ramnagar, *Journal of Plant Development Sciences*. 5 (4): 447-451.

- 04.** Padalia, K., **Parihaar, R.S.**, Bhakuni, N. and Kapkoti, B. 2015. Leaf Litter Decomposition of Two Central Himalayan Oaks, *Current World Environment*. 10(2):509-516.
- 03.** Bargali, K., Lodhiyal, N., Kapkoti, B. and **Parihaar, R.S.** 2013. Indigenous Traditional Knowledge on Some Medicinal Plants from Kotabagh Block (Ramnagar), Nainital, *International Journal of Biology, Pharmacy and Allied Science*. 2(1): 20-25.
- 02.** Bargali, K., **Parihaar, R.S.** and Bargali, S.S. 2015. Traditional Agroforestry Systems Practiced in Kumaun Himalaya, India. In D.K. Jain, R.C. Arya and N.P. Singh (eds.); *Climate change: Socioeconomic and Environmental Issues Problems and Challenges*, Mohit Publication, New Delhi. 240-254.
- 01.** Padalia, K., **Parihaar, R.S.**, and Bargali, S.S. 2013. The Virtual Curry Leaves: An Attractive Pharmacological and Ethno botanical Prized Plant, *Oaks*. 9: 16-19.

Personal Details

Father's Name:	Mr. Sivraj Singh	Marital status:	Unmarried
Mother's Name:	Mrs. Janki Devi	Nationality:	Indian
Date of Birth:	18th May 1988	Language Known:	English, Hindi
Sex:	Male	Hobbies:	Agriculture and Gardening

Declaration

I hereby declare that all the information furnished above is true and correct to the best of my knowledge and belief.

Date: 08 May2024

Place: Ramnagar

Dr. Rajendra Singh Parihaar