

❖ Profile Summary

Dr. Rajendra Bhatt is serving as Assistant Professor in Crop Improvement at the College of Horticulture, VCSG Uttarakhand University of Horticulture and Forestry, Bharsar, Pauri Garhwal. He holds a B.Sc. (Hons.) in Horticulture from VCSG UHF and M.Sc. and Ph.D. degrees in Horticulture (Vegetable Science) from G.B. Pant University of Agriculture and Technology, Pantnagar.

He has qualified the ASRB-NET examination in Vegetable Science three times (2019-20, 2021-22 and 2023-24). His research interests encompass vegetable breeding and genetics, heterosis and combining ability, genetic variability, varietal evaluation, insect resistance/tolerance screening, vegetable seed production, crop nutrition and sustainable horticultural production.

Since November 2022, he has been engaged in teaching, research, student guidance, extension and institutional responsibilities. He has served as Assistant Warden of the UG Boys' Hostel, as a member of M.Sc. advisory committees, and as a resource person/trainer in KVK and government-sponsored horticultural training programmes.

His publication record includes 25 research papers, 2 review papers, 10 book chapters and 11 popular articles. He has also received recognitions including the Young Scientist Award (2025), Student Excellence Award (2024) and other awards for reviewing and scientific/popular writing.



❖ Research Interests / Specialization

Vegetable Breeding; Vegetable Seed Production.

❖ Recent Publications

(Selected research papers published during the recent five-year period)

Sr. No.	Title of Paper	Journal	Volume / Pages	Year
1	Effect of foliar application on potato yield.	Current Horticulture	13(2): 84-87	2025
2	Exploitation of heterosis and combining ability in cucumber for earliness and yield contributing traits.	Indian Journal of Agricultural Sciences	95(11): 1387-1392	2025
3	Productivity, energy and carbon budgeting in basil-mustard system as influenced by crop geometry, variety and nutrient management in Central Himalayan foothills.	Next Research	2: 101035	2025
4	Determination of lethal and mutation induction doses of gamma rays for gladiolus genotypes.	Heliyon	10(17): e37387	2024
5	Heterosis and combining ability for nutritional quality in bottle gourd.	Indian Journal of Agricultural Sciences	93(11): 1197-1201	2023

❖ Education

Sr. No.	Qualification	University / Institute	Main Subject / Specialization	Year / Result
1	Ph.D. Horticulture	G.B. Pant University of Agriculture & Technology, Pantnagar	Vegetable Science	2022 8.25 CGPA
2	M.Sc. Ag. Horticulture	G.B. Pant University of Agriculture & Technology, Pantnagar	Vegetable Science	2019 7.94 CGPA
3	B.Sc. Horticulture (Hons.)	VCSG Uttarakhand University of Horticulture & Forestry, Bharsar	Horticulture	2017 7.53 CGPA
4	ASRB-NET	Agricultural Scientists Recruitment Board, New Delhi	Vegetable Science	2019-20, 2021-22, 2023-24

❖ Work History

• Academic Experience

Duration	Post	Organization	Nature
07 Nov 2022 - Present	Assistant Professor (Crop Improvement)	College of Horticulture, VCSG UUHF, Bharsar, Pauri Garhwal	Assistant Professor (Contractual)

• Administrative Experience

Duration	Post / Responsibility	Organization	Nature
Approximately 3 years	Assistant Warden, UG Boys' Hostel	College of Horticulture, VCSG UUHF, Bharsar, Pauri Garhwal	Additional institutional responsibility

❖ Student Research Guidance / Advisory Committee

Students	Degree	Role / Area of Guidance	Institution
2 students	M.Sc. (Vegetable Science)	Advisory Committee Member - guidance in thesis planning, research methodology, field experimentation, data interpretation and thesis improvement	College of Horticulture, VCSG UUHF, Bharsar, Pauri Garhwal
3 students	1-M.Sc. (Crop Improvement) 2-M.Sc. (Vegetable Science)	Ongoing	College of Horticulture, VCSG UUHF, Bharsar, Pauri Garhwal

❖ Professional Activities

Activity / Membership	Organization / Details	Since / Year
Life Member	Indian Society of Vegetable Science (ICAR-IIVR); Membership ID: 175	Since 22 Feb 2023
Life Member	Society for Horticultural Research and Development; Membership ID: 56	Since 27 Oct 2024
Resource Person	15-Day Training Programme on Agrochemicals and Fertilizers, KVK VCSG UUHF / MPACS Uttarakhand; lectures on nutrient management in vegetable crops	2023 & 2024
Trainer	Four-Day Training Programme for District Horticulture Officers of Uttarakhand; sessions on vegetable seed production and pit digging/filling for fruit crops	2025
Expert Resource Person	ICAR-DAPSCSP training: Empowering Rural Prosperity through Agri-Horti Skill Development and Entrepreneurship; hands-on/field visit on seed production	2026

❖ Awards / Achievements

Awards / Achievements	Organization	Year
Young Scientist Award	Executive Committee, International Conference on Agricultural Resurgence	2025
Student Excellence Award	G.B. Pant University of Agriculture & Technology, Pantnagar	2024
Certificate of Excellence	International Journal of Environment and Climate Change	2023
Certificate of Excellence in Reviewing	International Research Journal of Pure and Applied Chemistry	2021
Best Article Award - "Role of Cropping System in Sustainable Vegetable Production"	Agriculture & Food: e-Newsletter	2020
Best Article Award - "Drying Beads - A Novel Loom in Dry Chain Skill"	Agriculture & Food: e-Newsletter	2020
Innovative Article Award - "Bio Wall: A Unique Way to Grow Vegetables in Urban Pictures"	Agriculture & Food: e-Newsletter	2020

❖ Publications

Category	Total
Research papers	25
Review papers	02
Book chapters	10
Popular articles	11
Trainings	04
Conference/symposium paper or poster presentations	04

❖ Selected Research / Extension Project Involvement

Role	Project / Programme	Status
Co-Principal Investigator	ICAR-SCSP Project entitled " <i>Skill Enhancement of Small and Marginal Farmers of Uttarakhand Hills for Production of Vermicompost and Organic Farming</i> ",	Completed


Curriculum vitae provided by
Dr. Rajendra Bhatt.