

Brief profile of Dr. Vinay Chamoli

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Department of Agriculture, JBIT College of Applied Sciences, Dehradun, Uttarakhand

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Dr. Vinay Chamoli is currently serving as Deputy Head and Assistant Professor in the Department of Agriculture at JBIT College of Applied Sciences, Dehradun. He is also associated with BioThink – National Academy of Bio Sciences as President cum Editor-in-Chief and Member of Subject Expert Scientific Committee, Plantica-Indian Academy of Rural Development (IARD), Dehradun. He has more than 8 years of experience in teaching, research, academic coordination, and agricultural extension activities in the field of Seed Science and Technology, Agronomy, and Agricultural Education.

He completed his Ph.D. in Seed Science and Technology from H.N.B. Garhwal Central University, Srinagar Garhwal under the supervision of Prof. J. S. Chauhan. His doctoral research focused on advanced seed priming techniques and storage behaviour of coriander under Uttarakhand conditions. He obtained his M.Sc. (Agriculture) in Seed Science and Technology from VCSG Uttarakhand University of Horticulture and Forestry, Bharsar, and qualified ICAR-ASRB NET in 2016 and 2021.

He has served as Assistant Professor at Quantum University, Roorkee, and Lecturer at UCST Dehradun before joining JBIT Group of Institutions. Presently, he is also associated with Plantica-IARD as Subject Expert, where he works in seed testing, organic farming, crop production, and student training programmes.

Dr. Vinay Chamoli has published more than 17 research papers, review articles, and book chapters in reputed national and international journals. His research interests include seed quality enhancement, seed priming, sustainable agriculture, recalcitrant seeds, medicinal plants, and organic farming. He has authored books including *Essentials of Seed Quality Testing and Enhancements* (2023) and co-authored *Advances in Seed Storage and Preservation* (2025).

He has actively participated in several national conferences, workshops, webinars, and scientific training programmes related to agriculture, seed science, climate change, organic farming, and sustainable agroecosystems. He has also served as Organizing Secretary for multiple editions of the Plant Science Research Meet (PSRM) organized by PLANTICA and associated institutions.

Dr. Chamoli is a life member of the Association of Plant Science Researchers (APSR), Dehradun, and actively contributes to scientific communication and academic publication activities. He received the “Best Performer Award” during the Quantum Faculty Convention 2019 for his academic contributions.

He possesses expertise in seed quality testing, statistical data analysis, SPSS, OPSTAT, scientific writing, artificial intelligence-based academic tools, and graphic designing. His major areas of interest include agricultural research, teaching, and extension education aimed at promoting sustainable agricultural development in the Himalayan region.