



Agricultural Research (ICAR) and the Indian Council of Forestry Research and Education (ICFRE), the College maintains high academic and research standards and actively contributes to national forestry and allied sciences development through AICRP networks and externally funded projects. In order to encourage youth self-employment and entrepreneurship, it provides a four-year B.Sc. (Hons.) Forestry degree in addition to Certificate and Diploma programs under the National Education Policy (NEP 2020). Postgraduate and doctoral programmes are conducted through the Department of Silviculture and Agroforestry, Department of Forest Products and Utilization, Department of Forest Biology and Tree Improvement, Department of Forest Resource Management, and Department of Basic and Social Sciences, thereby, nurturing students into proficient researchers and professionals dedicated to the advancement of forestry and environmental sciences.

College of Hill Agriculture, Chirbatiya

The College of Hill Agriculture (CoHA), Chirbatiya, is the third constituent college of Veer Chandra Singh Garhwali Uttarakhand University of Horticulture and Forestry, Bharsar. The college, which was established on September 24, 2013 in the Rudraprayag district, is ideally situated to handle the particular agricultural issues of hill regions while harnessing their rich biodiversity.

Situated 40 km from Rudraprayag, 162 km from Rishikesh, and 192 km from Dehradun, it enjoys an ideal agro-climatic environment suitable for temperate fruits (walnut, apricot, apple, peach, pear, chestnut), vegetables, medicinal and aromatic plants, and other high-value crops. At present, the college offers B.Sc. (Hons.) Agriculture degree programme, Certificate and Diploma programmes aligned with the National Education Policy (NEP) 2020, PG Programmes in M.Sc. Agriculture (Agronomy, Plant Pathology, Extension Education, Genetics and Plant Breeding, Horticulture - Fruit Science, Microbiology), and Ph.D. programmes in Agronomy and Plant Pathology, thereby nurturing skilled professionals committed to the socio-economic upliftment of mountain farming communities through sustainable and innovative hill agricultural practices. The infrastructure of CoHA is presently under construction and all the degree programmes of CoHA are implemented at CoF where the students have full access to well established academic and research facilities.



Research & Development (R&D) Institutes

Institute of Medicinal & Aromatic Plants (IMAP), Gairsain

A specialised institute for R&D on the Himalayan medicinal and aromatic plants. The institute, spreading over an area of 9.6 hectares, is located at an elevation of 1640 m above msl. Since its inception in 2013, the institute has been working on conserving valuable herbal biodiversity, standardisation of cultivation packages and value chain development for high-value species like *Tagetes minuta*, *Valeriana jatamansi* and *Rheum emodi* etc.

Institute of Food Science & Technology (IFST), Dehradun

Established in 2013, the institute is situated at an altitude of approximately 600 m above msl, covering an area of 4.04 hectares. IFST actively conducts training and capacity-building programs for farmers, youth, and women across Uttarakhand. Specialized programs are focused on millets processing, food product development, and value addition of local produce. The institute offers skill-oriented trainings in preparing food products such as jams, juices, pickles, millet-based items, and bakery products, thereby promoting entrepreneurship and self-reliance in rural areas.

Research & Extension Centres (RECs)

REC, Selaqui (Dehradun)

Established in 2013, the REC, Selaqui, spanning in an area of 2.6 hectares, is located in Dehradun district of Uttarakhand and is situated at an altitude of 640 m above msl. It undertakes research on protected cultivation, nursery production, and climate-resilient technologies suitable for commercial growers. The centre also functions as a demonstration and training hub for farmers, entrepreneurs, and rural youth engaged in floricultural enterprises.

REC, Kanatal (Tehri Garhwal)

The REC, Kanatal, located in Tehri Garhwal, lies in an area of 12.6 hectares at an elevation of 2590 m above msl. The centre is engaged in temperate fruit research and development, with emphasis on apple, peach, pear, and walnut. It plays a key role in elite planting material production, supplying quality saplings to orchards across the region. The centre also supports on-farm trials and farmer training for improved orchard management practices.

REC, Gaja (Tehri Garhwal)

The REC, Gaja is located in the Narendra Nagar block of Tehri district and lies at an altitude of 1700–1760 m above msl. The centre spans over an area of 9.12 hectares and it serves as a pivotal centre for hill crop research, seed production programme, and varietal evaluation. It hosts AICRP experiments and field demonstrations on cereals, legumes, and niche crops suited to mid-Himalayan conditions. The centre is also actively involved in participatory trials of the farmers and capacity-building programmes for promoting high-yielding and resilient crop varieties.

REC, Jakhinda (Tehri Garhwal)

Established in 2013, the REC, Jakhinda spreads over an area of 11.0 hectares and is located at an elevation of approx. 1000 m above msl. The centre develops and evaluates integrated farming systems combining horticulture, forestry, and livestock components. The centre also focuses on agroforestry interventions, and land restoration models, soil conservation and eco-rehabilitation of degraded landscapes in the Himalayan foothills.

REC, Pratapnagar (Tehri Garhwal)

Established in 2014, the REC, Pratapnagar functions as a Mali Training Centre. It spreads over an area of 2.0 hectares and is located at an elevation of approx. 2100 m above msl. The Centre is dedicated to horticultural skill development and nursery techniques. It imparts hands-on training in grafting, budding, pruning, and orchard establishment, preparing youth for self-employment and entrepreneurship. The centre also serves as a demonstration unit for high-density plantations and protected cultivation technologies.

Krishi Vigyan Kendras (KVKs)

Krishi Vigyan Kendra (KVK), Ranichauri: The history of extension with university campuses dates back in 1984 with the establishment of KVK, Ranichauri, the first KVK of the G. B. Pant University of Agriculture and Technology, Pantnagar, and later came under the administrative control of Veer Chandra Singh Garhwali Uttarakhand University of Horticulture and Forestry, Bharsar in 2013. This KVK, located at altitude of about 1700m above msl, serves as a district-level Farm Science Centre catering to the Western Himalayan warm sub-humid region. It serves as an information and resource centre for hill farmers and covers 4 hectares (plus an additional 28 hectares shared with the College of Forestry). Its mission is to bridge research and practice through on-farm trials, frontline demonstrations, and vocational trainings for farmers, youth, and women.

Krishi Vigyan Kendra (KVK), Bharsar: The KVK Bharsar, established in 2004 under the aegis of G. B. Pant University of Agriculture and Technology, Pantnagar and later came under the administrative control of Veer Chandra Singh Garhwali Uttarakhand University of Horticulture and Forestry in 2013. It serves as a pivotal knowledge and resource centre for the hill farmers of Pauri Garhwal district. Located at an altitude of about 1900 m above msl, it operates within diverse Himalayan agro-ecological zones, enabling effective assessment, refinement, and dissemination of location-specific technologies. The KVK focuses on on-farm testing, frontline demonstrations, and skill-based training to empower farmers, farm women, and rural youth.

For Further Details, Please Contact



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University Profile



**Veer Chandra Singh Garhwali
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University at a Glance

Uttarakhand, a Himalayan state, has nearly two-thirds of its geographical area covered with forests. The state offers unique opportunities but great challenges for agricultural development. In the hilly terrain, conventional agriculture has largely been subsistence-oriented; however, the fields of horticulture, forestry, and allied sciences hold vast potential for sustainable growth, livelihood diversification, and ecological stability. Recognizing these unique regional needs, the Government of Uttarakhand established the Uttarakhand University of Horticulture and Forestry (UUHF) through The Uttarakhand Krishi Evam Prodyogiki Vishwavidyalaya (Amendment) Act, 2011 (Uttarakhand Act No. 13 of 2011) on 28 April 2011, with its headquarters at Bharsar, Pauri Garhwal, Uttarakhand.



At the time of its inception, two Colleges, two Research Centres, and two Krishi Vigyan Kendras of the G.B. Pant University of Agriculture and Technology, Pantnagar, located in the hill districts, were integrated into the new University framework. Since then, the University has evolved into a dynamic and comprehensive institution, dedicated to advancing excellence in teaching, research, and extension in the fields of horticulture, forestry, hill agriculture, and allied disciplines.

In 2015, the University was renamed in honour of Late Shri Veer Chandra Singh Garhwali, the illustrious freedom fighter associated with the historic Peshawar incident of 1931, through a State Government Gazette Notification (No. 339/XXXVI(3)/2015/89(1)/2014, dated 22 January 2015). Since then, it has been known as the Veer Chandra Singh Garhwali Uttarakhand University of Horticulture and Forestry (VCSG UUHF).

As the first State Government University in Uttarakhand exclusively devoted to horticulture, forestry, and hill agriculture, VCSG UUHF occupies a prominent position within the National Agricultural Research System (NARS). The University works in close collaboration with the Indian Council of Agricultural Research (ICAR) to strengthen education, research, and technology dissemination for the advancement of mountain farming systems. The University has been accredited by the Indian Council of Agricultural Research (ICAR) vide letter No. F. No. 1/29/2023/EQR/Edn.Accre., dated 10 February 2025, for a period of five years, recognizing its academic standards, institutional infrastructure, and research accomplishments.

Mandates

- **Teaching and Human Resource Development** – To provide high-quality education and professional training in horticulture, forestry, and hill agriculture, with a focus on developing competent human resources attuned to the needs and challenges of mountain farming systems through its constituent colleges and academic programmes.
- **Research and Innovation** – To undertake need-driven, location-specific research aimed at improving productivity, sustainability, and climate resilience in horticultural, agricultural, and forestry sectors of hill ecosystems through All India Coordinated Research Projects (AICRPs), University research & extension centres/institutes, and externally funded projects.
- **Extension and Outreach** – To disseminate scientific knowledge and technologies to farming communities, promote value addition and agri-entrepreneurship, and build farmers' capacity for sustainable and enhanced livelihoods across the hill regions through Krishi Vigyan Kendras and other extension platforms.

Vision

To emerge as a leading institution in horticulture, forestry, and agricultural sciences, dedicated to developing globally competent human resources and generating innovative, eco-friendly technologies in the fragile ecosystems of the Indian Himalayan Region.

Mission

To integrate teaching, research, and extension for holistic development of the mountain farming systems, enhancing productivity, profitability, and sustainability. The University is committed to empowering farmers, youth, and communities through knowledge, innovation, and participatory approaches in horticulture, forestry, and hill agriculture.



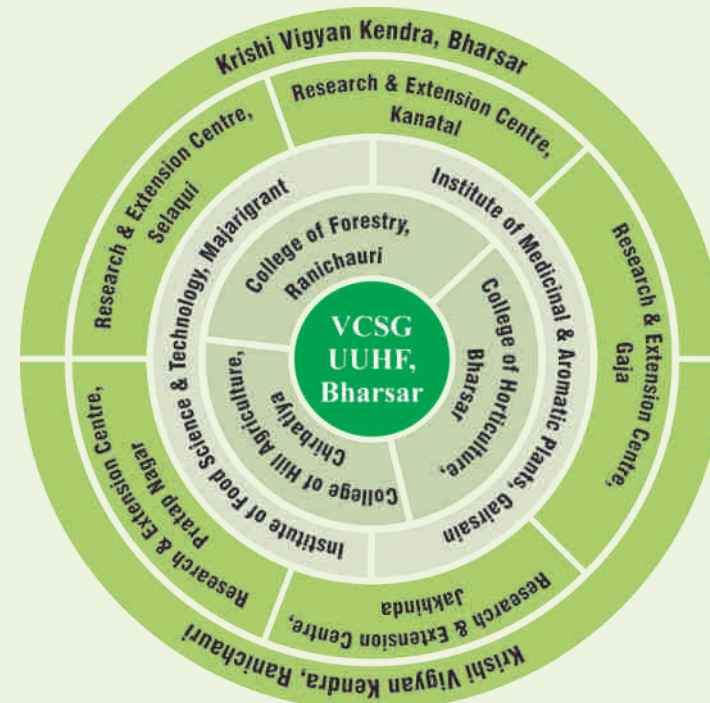
Academics, Research, and Extension Services

Academics: The University follows a semester system, with each academic year divided into two semesters. Academic programs are conducted through its constituent colleges, with courses delivered in structured modules and continuously assessed; students are graded on a 10-point GPA scale. The curriculum is carefully designed to provide both theoretical knowledge and practical skills, preparing students as competent professionals in specialized areas.

Research: The research programs of the University are managed by the Directorate of Research, which oversees all research activities and implements those through research & extension centres, institutes, AICRPs, and other projects funded by state gov./central gov./multinational pvt. organizations etc. These programs focus on developing scientific solutions and technologies to address challenges in horticulture, hill agriculture and forestry.

Extension: Simultaneously, extension initiatives of the University are coordinated by the Directorate of Extension through Krishi Vigyan Kendras and University's own extension programmes to ensure effective transfer of developed innovations to farmers and other end-users.

The University fosters an intellectually stimulating environment that nurtures learning, research, and dissemination of innovations.



Constituent Units

The University presently functions through the following colleges, institutes, research & extension centres, and krishi vigyan kendras:

Three Colleges

- College of Horticulture (CoH), Bharsar
- College of Forestry (CoF), Ranichauri
- College of Hill Agriculture (CoHA), Chirbatiya

Two Research & Development Institutes

- Institute of Medicinal & Aromatic Plants (IMAP), Gairsain (Chamoli)
- Institute of Food Science & Technology (IFST), Majorigrant (Dehradun)

Five Research & Extension Centres

- Research & Extension Centre (REC), Selaqui (Dehradun)
- Research & Extension Centre (REC), Kanatal (Tehri Garhwal)
- Research & Extension Centre (REC), Gaja (Tehri Garhwal)
- Research & Extension Centre (REC), Jakhinda (Tehri Garhwal)
- Research & Extension Centre (REC), Pratapnagar (Tehri Garhwal)

Two Krishi Vigyan Kendras (KVKs)

- KVK Pauri Garhwal (Bharsar)
- KVK Tehri Garhwal (Ranichauri)



Colleges

College of Horticulture, Bharsar

The College of Horticulture was established on June 12, 2001, under the aegis of G. B. Pant University of Agriculture & Technology, Pantnagar, and was later integrated into the Veer Chandra Singh Garhwali Uttarakhand University of Horticulture and Forestry, Bharsar in 2011. The college serves as the flagship college of the VCSG UUHF and has been accredited by ICAR in 2025, affirming its prominence as a centre of academic excellence, entrepreneurship promotion, and skill development in the Himalayan region. The college functions through 10 academic departments and offers comprehensive undergraduate, postgraduate, and doctoral programmes, including B.Sc. (Hons.) Horticulture and Certificate / Diploma courses under NEP 2020 aimed at fostering self-employability. Its postgraduate programmes comprise M.Sc. (Horticulture) with specialisations in Fruit Science, Vegetable Science, Floriculture and Landscaping, Plantation, Spices, Medicinal and Aromatic Plants (PSMAP), and Post-Harvest Management, as well as, M.Sc. (Agriculture) in Entomology, Plant Pathology, Soil Science, and Genetics and Plant Breeding. At the doctoral level, the college offers Ph.D. in Horticulture with specialisations in Fruit Science, Vegetable Science, Plantation, Spices, Medicinal and Aromatic Plants (PSMAP), and Post-Harvest Management, thereby nurturing a strong cadre of professionals and researchers in horticultural sciences.



College of Forestry, Ranichauri

Originating in 1976 as a research centre and then as a college in 1985-86 under the Govind Ballabh Pant University of Agriculture & Technology, Pantnagar, and later integrated into Veer Chandra Singh Garhwali Uttarakhand University of Horticulture and Forestry in 2011, the College of Forestry (CoF), Ranichauri, stands among the oldest and most prestigious forestry education colleges in India. Accredited by both the Indian Council of

