



4TH BIOTECHNOLOGY CONCLAVE

International Conference on

Strategies for Sustainable Agriculture, Environment & Health for Viksit Bharat

International
Conference

EDP & Innovative
Startup Idea
Pitching

Farmers
Scientists
Meet

Exhibition
of
Stalls

3rd to 5th Feb 2025

Organized by:

Uttarakhand Council for Biotechnology (UCB)

in association with



**SPRINGER
NATURE**

miot
KUMAON

**Graphic Era Hill University, Dehradun
Society for Plant Research (VEGETOS), Springer Nature
MIET Kumaon, Haldwani**

Venue

**Uttarakhand Council for Biotechnology (UCB)
Biotech Bhawan, Haldi, Pantnagar, U. S. Nagar, Uttarakhand**

About Council

Uttarakhand Council for Biotechnology (UCB) is situated at Haldi, Pantnagar, Udham Singh Nagar, Uttarakhand. UCB is working under Department of Agriculture and farmers welfare Govt. of Uttarakhand. The Centre of Excellence for Mountain Biology (CEMB), established at council's head office i.e. Haldi, Pantnagar provides a much needed biotechnology based Research and Development support particularly relevant to Uttarakhand and its mountainous region. UCB worked on fulfilling all the research, development and extension works according to the state requirements. The council has two regional centers, along with one regional center at Patwadangar, Nainital while the second is situated at Bhauwala, Dehradun.



ABOUT THE CONCLAVE

We are pleased to invite all academicians, scientists, faculty and researcher to participate in the 4th Biotechnology Conclave a gateway for new innovation & research. This conclave will focus on the ignition of young minds to inculcate academic and entrepreneurial ideas in major biotechnology fields such as Agriculture, Molecular Biology & Genetics Engineering, Nano-biotechnology, Bioinformatics, Plant Tissue Culture, Crop Improvement and Health Management, Biodiversity, Forestry, Veterinary, Animal Husbandry, Fisheries Sciences, Animal Health, Plant Health, Human Health, Climate and Environmental Studies, Bioremediation and Ecosystem Restoration etc. The conclave comprises many programs like International Conference on Strategies for Sustainable Agriculture, Environment & Health For Viksit Bharat; Entrepreneurship Development Program (EDP) and innovative start ups; Farmers-Scientists Meet and Exhibition of Stalls. We are delighted to extend an invitation to all educators and researchers to join this splendid conclave. The International conference will be a pivotal platform for interdisciplinary dialogue, aiming to explore innovative biotechnological solutions tailored to address the unique challenges facing the fragile Himalayan ecosystem. With a focus on fostering collaboration between academia, industry, government, and non-governmental organizations, the conclave aims to catalyze collective action towards safeguarding the rich biodiversity of the region for future generations. The aim of EDP is to empowering the youth towards entrepreneurship through biotechnology, while the aim of Farmers-Scientists Meet and Exhibitions and Stalls is to provide a vibrant platform for innovation and collaboration in the field of biotechnology and to showcase the advanced inventions and innovations. The conference will be focused on developing India as vibrant & Viksit Bharat. By adopting a whole-of-government approach, the conference ensures the active participation of scientists, faculties, academician, farmers, policymakers, researchers, and community leaders to create actionable strategies that contribute to the Viksit Bharat Vision. The conclave will prioritize inspiring and nurturing the growth of young minds by imparting academic and entrepreneurial principles in crucial domains of biotechnology, including Plant Biotechnology, Agriculture Biotechnology, Fisheries Science, Veterinary Sciences, Animal Health and allied subjects.

PROGRAM 1: INTERNATIONAL CONFERENCE

International Conference on Strategies for Sustainable Agriculture, Environment & Health for Viksit Bharat

Biotechnological tools are being currently adopted to address various aspects of biodiversity, newer and improved methods for preservation (genetic resources), evaluation of collected Germplasm for specific traits and subsequent exploitation of useful/ desired traits for commercial and sustainable utilization. To emphasize agriculture's critical role in feeding a growing global population while facing climate changes and resource scarcity. Focus on the latest advancements in biotechnology with a strong emphasis on interdisciplinary research. Discuss the real-world application of biotechnology in addressing global challenges. This program provides a platform for discussion on biotechnology's ethical, social and economic implications to encourage active participation in the exchange of knowledge. It aims to discuss and explore innovative strategies for sustainable agriculture, environmental conservation along with animal, plant and human health. The International Conference offers an opportunity for students to engage with the latest advancements in biotechnology. Aligned with the goals of **HAMARA SANKALP VIKSIT BHARAT**, this conference will explore how biotechnology can contribute to the Sustainable Development of Agriculture, Environmental.

THEMES (Provision of Awards in all themes)

1. Advancements in Biotechnology:

- Molecular Biology
- Plant Tissue Culture
- Genetic Engineering
- Nanobiotechnology
- Bioinformatics

2. Sustainable Agriculture & Environmental Conservation:

- Agriculture, Crop Improvement
- Biodiversity and Forestry
- Climate and Environmental Studies
- Bioremediation, Ecosystem Restoration

3. Health Management

- Animal, Plant, and Human Health
- Health Management
- Veterinary Sciences, Animal Husbandry, Fisheries Sciences

Organizing Secretaries	Dr. Sumit Purohit	Scientist, UCB Contact No- 9758877999
	Dr. Tarun Saxena	Executive Director, MIET Kumaon Contact No- 9720615304

CALL OF ABSTRACT

Abstract of research papers with the title name (s) of author (s), address of Institution and research findings not exceeding 300-400 words, spacing 1.5, Times New Roman, Font Size 12 should be submitted before 25 Jan 2025 by biotechconclaveucb@gmail.com. Selected abstracts will be invited for oral/ poster presentation.

GUIDELINES FOR ORAL/POSTER PRESENTATION

For oral presentation, all presentations should be made using Microsoft Office Power Point. The aspect ratio of the slides should be maintained at 16:9 (wide screen). Abstracts accepted for poster presentation will be displayed in the respective session. Authors will need to present during their relevant poster viewing session of a specified theme. Poster size should be of 40 inch x 40 inch.

PROGRAM 2: EDP & INNOVATIVE STARTUP IDEA PITCHING

Entrepreneurship Development Program (EDP)

The Entrepreneurship Development Program (EDP) and Startup Idea Pitching are pivotal components of the 4th Biotechnology Conclave, designed to ignite entrepreneurial spirit and foster innovation in the field of biotechnology. This program aims to equip aspiring entrepreneurs, researchers, and students with the skills, knowledge, and resources needed to transform innovative ideas into successful ventures. The EDP provides an enriching platform where participants can gain insights from industry leaders, mentors, and experienced entrepreneurs. Through interactive sessions, workshops, and expert guidance, the program focuses on nurturing the entrepreneurial mindset, addressing challenges in the startup journey, and exploring funding opportunities. By integrating academic expertise, industrial insights, and entrepreneurial mentorship, the EDP initiatives aim to accelerate innovation, build sustainable enterprises, and contribute to the vision of **Hamara Sankalp Viksit Bharat**. These programs not only inspire young minds but also strengthen the biotech ecosystem by fostering collaboration between academia, industry, and the startup community. **Participants can also submit abstracts on Innovation & Entrepreneurship, startup ecosystems, and sustainable enterprises.**

The Entrepreneurship Development Program (EDP) at the 4th Biotechnology Conclave will consist of four key sessions designed to provide participants with the essential knowledge and skills to transform their ideas into successful ventures. These sessions will include: Design Thinking Workshop, Business Model Development, Startup Funding and Investment and Marketing and Growth Strategies for Startups.

Startup Idea Pitching

The **Startup Idea Pitching** session aimed at fostering innovation and encouraging entrepreneurial spirit. The pitching event provides aspiring entrepreneurs, researchers, and students with an excellent opportunity to showcase their ideas and gain exposure, mentorship, and potential funding.

Pitching Event Rules and Guidelines

- 1. Eligibility:** Open to individuals or teams (max. 3 members) with a startup idea, based in Uttarakhand, and part of any academic or research institute or recognized incubation center.
- 2. Pitching Format:** Teams will have 10 minutes to present their idea, followed by a 5-minute Q&A session with judges.
- 3. Presentation Requirements:**
 - Problem statement and solution
 - Market analysis and target audience
 - Technology/scientific innovation
 - Revenue model and commercialization strategy
 - Timeline and key milestones
 - Team's background and expertise
- 4. Funding and Prizes:**
 - Rs. 50,000 grant for top startups
 - Mentorship from entrepreneurs and industry leaders
 - Exposure to investors, partners, and collaborators
 - Opportunities for future event showcases of UCB
- 5. Application Process:** All EDP participants and Idea Pitching applicants must complete the registration via the Google Form link and make the payment as instructed in **registration section**.
- 6. Terms:** The startup idea must not have received funding from other agencies for the same project. Teams must comply with Uttarakhand Council of Biotechnology regulations. Organizers may disqualify teams for violations.

Organizing Secretaries	Dr. Manindra Mohan	Scientist, UCB Contact No- 9627407711
	Dr. Kamal Singh Rawat	CEO, ACIC DBF Contact No- 9639858711

PROGRAM 3: FARMERS - SCIENTISTS MEET

The primary objective of this program is to facilitate a mutual exchange of technical, scientific knowledge and experiences between farmer and scientists to encourage livelihood of hilly farmers. During interaction scientists provides evidence- based recommendations, innovative practices and cutting-edge technological interventions that address these issues effectively. This program provides a structured platform for direct engagement between farmers and scientist/experts across diverse domains, including animal husbandry, agriculture, apiculture, poultry farming, dairy farming, horticulture, fisheries, floriculture, mushroom farming and other allied sectors. The Farmer- Scientist Interaction program embodies a forward-looking approach to agriculture advancement, creating a dynamic interface where scientist meets practice and innovation meets tradition.

Organizing Secretaries	Dr. Sakshi Painuli	Scientist, UCB Contact No- 7895648458
	Dr. Arvind Singh Negi	Head, School of Agri., GEHU, Dehradun Contact No- 9119048199
	Dr. Balwant Singh Rawat	Associate Professor, GEHU, Dehradun Contact No- 9411574575

PROGRAM 4: EXHIBITION OF STALLS

The exhibition will be displayed by different agencies, societies, NGOs, Mahila Swayam Sahayata Samuh (SHG), Government Institutes, and Universities at UCB to showcase their R&D and innovation on one platform. The benefits of participating in exhibition will be to increase brand visibility and awareness, direct interactions with potential customers, networking and relationship etc. The exhibition and stalls at the conclave serve as a cornerstone of the event, bringing together a diverse spectrum of stakeholders on a unified platform. This program aims to foster interdisciplinary collaboration, spark innovative ideas, and provide a forum for the exchange of knowledge and expertise. The exhibition fosters a collaborative environment for knowledge exchange, cross-sector partnerships, and engagement with policymakers, academicians, and practitioners.

Organizing Secretaries	Dr. Sakshi Painuli	Scientist, UCB Contact No- 7895648458
	Dr. Vatsalya Sharma	AP, Deptt of Management, MIET Kumaon Contact No- 9720585558

REGISTRATION DETAILS

Scientists, Researchers, Teachers, Research Scholars of the Universities/ Colleges and Research Institutes are eligible to participate. Progressive entrepreneurs and other stakeholders are also welcome.

Conclave Registration Link:

<https://forms.gle/XUcjM5HBmRqUWWzg8>

Scan Here



to

Register in Conclave



Note:

- Incomplete registration form without fee will be rejected
- The registration fee may be paid through (NEFT/QR scan) to the following bank details.
- Registration fee is non-refundable.
- No TA/DA will be provided for attending the Conclave.

Payment Details

Accounts Details

Account Name	Organizing Secretary, Biotech Conclave
Account Number	41720361939
IFSC Code	SBIN0001251
Bank Name	State Bank of India
Branch	Haldi, Pantnagar, U. S. Nagar, Uttarakhand



Scan & Pay

Particulars	Registration Fee (Rs.)	On Spot Registration Fee (Rs.)
Students, Research Scholars, Startups Idea Pitching Applicants	500.00	600.00
Research Scholars with Fellowship	1000.00	1200.00
Faculty Members	4000.00	4500.00

ACCOMMODATION

Accommodation in Guest Houses will be available on request and on payment basis. Accommodation shall be reserved on first come first served basis after prior request. Please confirm your participation and itinerary by sending **E-mail to jeetbohra32@gmail.com**. For any query, you may contact to Mr. Jeetendra Singh Bohra, Mob-9456527379,639719196.

ADVISORY COMMITTEE

Chief Patron		Chairman & Patron	
Dr. M.S. Chauhan Vice Chancellor, GBPUA&T, Pantnagar		Dr. Sanjay Kumar Director, UCB	
Executive Organizing Committee			
Prof. (Dr.) Durgesh Pant Director General, UCOST, Dehradun		Prof. (Dr.) Rakesh Kumar Sharma Vice Chancellor, GEHU, Dehradun	
Prof. (Dr.) S.K. Bhatnagar Founder Chairman, SPR & Editor in Chief, VEGETOS		Prof. (Dr.) Bahadur Singh Bisht Managing Director, MIET Kumaon, Haldwani	
International Organizing Committee			
1	Dr. Plemyashov Kirill	Rector, Saint Petersburg State University of Veterinary and Animal Sciences, Russia	
2	Dr. Nikitin Georgii	Pro-Rector, Saint Petersburg State University of Veterinary and Animal Sciences, Russia	
3	Dr. Lutik Ekaterina (F)	Pro-Rector, Saint Petersburg State University of Veterinary and Animal Sciences, Russia	

National Organizing Committee

1	Prof. (Dr.) K. P. Singh	Vice Chancellor, M.J.P.R University, Bareilly, UP
2	Prof. (Dr.) B.R. Kamboj	Vice Chancellor, C.C.S. H.A University, Haryana
3	Prof. (Dr.) NK Joshi	Vice Chancellor, S.D.S.U.V. University, Tehri (Garhwal),
4	Prof. (Dr.) Satpal Singh Bisht	Vice Chancellor, Soban Singh Jeena University, Almora
5	Prof. (Dr.) O. P. S.Negi	Vice Chancellor, Uttarakhand Open University, Haldwani
6	Prof. (Dr.) Som Nath Sachdeva	Vice Chancellor, Kurukshetra University, Haryana
7	Prof. (Dr.) M.K. Nautiyal	Dean, School of Agriculture, GEH University, Dehradun
8	Prof. (Dr.) Sunil Nautiyal	Director, NIHE, Almora
9	Dr. Lakshmi Kant	Director, ICAR-V.P.K.A.S, Almora
10	Prof. (Dr.) Bandana Bose	President, Society for Plant Research (VEGETOS)
11	Shri Devakanta Pahad Singh	Director, DIBER, Haldwani
12	Prof. (Dr.) H.J. Shiva Prasad	Director, International Affairs, GBPUA&T, Pantnagar
13	Dr. Prabodh Kumar Trivedi	Director, CSIR-CIMAP, Lucknow
14	Dr. P. K Pandey	Director, ICAR-DCFR, Bhimtal
15	Dr. Yashpal Singh Malik	Joint Director, ICAR-IVRI, Mukteshwar Campus, Nainital
16	Prof. (Dr.) Kiran P. Raverkar	Dean, Post Graduate Studies, GBPUA&T, Pantnagar
17	Prof. (Dr.) S.K. Kashyap	Dean, College of Agriculture, GBPUA&T, Pantnagar
18	Prof. (Dr.) A.H. Ahmad	Dean, College of Veterinary and Animal Sciences, GBPUA&T, Pantnagar
19	Prof. (Dr.) Avdhesh Kumar	Dean, College of Fisheries, GBPUA&T, Pantnagar
20	Prof. (Dr.) Sandeep Arora	Dean, College of Basic Sciences & Humanities, GBPUA&T, Pantnagar