

Capacity Building Program on Plant Tissue Culture

[Entrepreneurship and Skill Development Programmes (ESDP) Scheme]
20th January 2025 to 24th January 2025 (5 days)

Funded by

Ministry of Micro, Small and Medium Enterprises, Government of India

Organized by

CSIR-Institute of Himalayan Bioresource Technology (CSIR-IHBT), Palampur, (H.P.)

About CSIR-IHBT

CSIR-Institute of Himalayan Bioresource Technology (CSIR-IHBT) is situated at Palampur (HP) in the lap of western Himalayas with a vision “to be a global leader on technologies for boosting bioeconomy through sustainable utilization of Himalayan bioresources”. The Institute has a mission “to discover, innovate, develop and disseminate the processes, products and technologies from Himalayan bioresources for society, industry, environment and academia”. Accordingly, the Institute has a mandate to carry out basic as well as translation research around Himalayan plants including plants of industrial and commercial importance such as medicinal, aromatic, floriculture, spice, sweetener plants etc. for developing diversified technologies. CSIR-IHBT, Palampur forged ahead to impart training to farmers/ officers of different states of India for high altitude medicinal and economically important plant tissue culture. The tissue culture facility available at CSIR-IHBT caters to several programs of the Institute including development of tissue culture protocols for high altitude medicinal and economically important plants, genetic engineering of economically important plants, providing consultancy to establish tissue culture laboratories and imparting training to farmers, students, entrepreneurs, state and central government officers on these economically important species.

About the program

The primary objective of the program is to train the participants in:

- Various approaches of *in vitro* propagation of economically important and endangered medicinal plants
- To provide knowledge on basic plant tissue culture tools and techniques
- Hands on training on aseptic culture initiation, mass propagation, hardening and acclimatization of *in vitro* developed plantlets
- To provide knowledge advancements and applications of tissue culture techniques in modern biotechnology

Who can attend?

Training Programme is open for Masters/PhD scholars/ Industrial personnels/ Entrepreneurs/ Centre and State Government officers. Preference will be given to participants having an evident interest in plant tissue culture. A statement of purpose will also be considered for shortlisting of candidates.

- There will be no registration fees
- Number of participants are limited to 20
- Postgraduate students, PhD Scholars, Industrial personnels/ Entrepreneurs/ Centre and State Government officers
- Boarding and lodging will be provided by the organizers
- **Last date of registration: 15th January, 2025**

Apply Here:

https://docs.google.com/forms/d/e/1FAIpQLSdutRbndAXELZ9Ea6-QIInLMNbEZvKvK1A7qxvJWmKvIG4-CA/viewform?usp=sf_link

Speakers: The Course content will be delivered by pool of eminent speakers on the relevant subject.

Venue: CSIR – Institute of Himalayan Bioresource Technology (IHBT), Holta, Palampur (H.P) – 176061

Contact: E-mail: rohitjoshi@ihbt.res.in; girish@ihbt.res.in;

Phone: +91-1894-233339 ext. 371/352



MICRO, SMALL & MEDIUM ENTERPRISES
सूक्ष्म, लघु एवं मध्यम उद्यम



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Chief Guest
(Padma Shri) Prof. Pramod Tandon, FNASc; FBS; FLS; FISEB
Honorary Scientist, The National Academy of Sciences, India
Secretary, Plant Tissue Culture Association (India)
Former, Vice-Chancellor, NEHU, Shillong
CEO, Biotech Park, Lucknow



Guest of Honor
Prof. Ashwani Pareek, FNA; FNASc; FNAAS
Executive Director
National Agri-Food Biotechnology Institute (NABI)
Mohali, Punjab



Guest of Honor
Dr. Sneha L. Singla-Pareek, FNA; FNASc; FNAAS
Group Leader
Plant Stress Biology
International Centre for Genetic Engineering
and Biotechnology, New Delhi



Patron
Dr. Sudesh Kumar Yadav, FNASc; FNAAS; FRSB
Director,
CSIR-IHBT, Palampur



Prof. M. V. Rajam, FNA; FNASc; FNAAS
Department of Genetics,
University of Delhi South Campus,
New Delhi



Dr. Siddharth Tiwari
Scientist-F
National Agri-Food Biotechnology
Institute (NABI), Mohali



Dr. Neeti Sanan-Mishra
Group Leader
Plant RNAi Biology
International Centre for Genetic
Engineering and Biotechnology,
New Delhi



Dr. Santan Barthwal
Scientist-G & Head,
Genetics & Tree Improvement Division
Forest Research Institute
Deemed University Dehradun



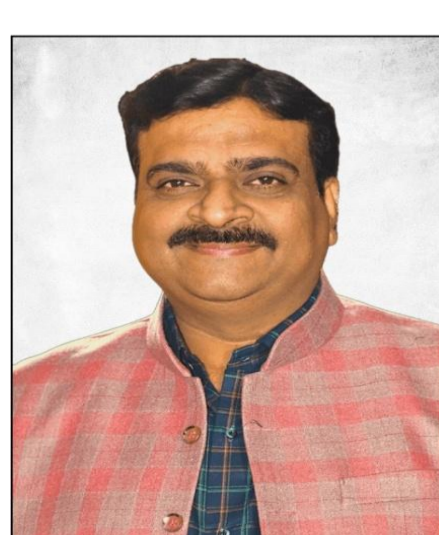
Dr. Mukesh Nandave
Associate Dean (Research & Consultancy)
Head, Department of Pharmacology
Delhi Pharmaceutical Sciences and
Research University



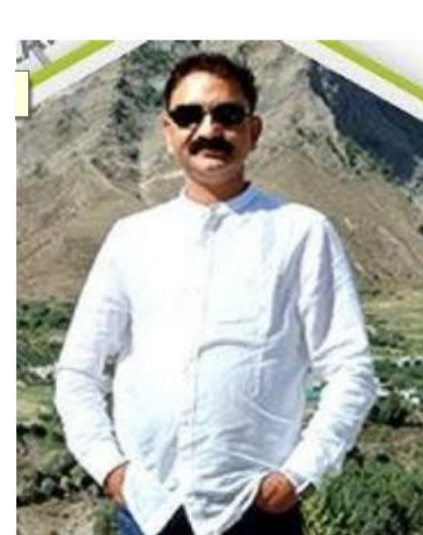
Prof. Tapan Kr. Nailwal
Head,
Bio-technology Department,
DSB Campus, Nainital



Prof. (Dr.) Pragati Mishra
Head,
Centre for Tissue Culture Technology,
SHUATS, Prayagraj



Dr. Pradeep Shukl
Associate Professor
Department of Biological Sciences
SHUATS, Prayagraj



Mr. Vinod Soni
Owner
M/S Rajat Nishant Biotech,
Hamirpur, H.P.



Dr. Jyoti Upadhyay
Senior Associate Professor
School of Health Sciences and
Technology, UPES Dehradun