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Vice-Chancellor, Sikkim University

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Training Co-coordinator:

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Dr. AK Verma, Dept. of Microbiology, SU

Dr. VS Singh, Dept. of Microbiology, SU

Mr. Dinesh Rai, Dept. of Horticulture, SU

Ms. Harshita Pandey, Dept. of Horticulture, SU

Contact Details:

Email: hortworkshop2026@gmail.com

Phone: 7905885766; 6295502388

Student Registration Form

Name	
Date of Birth	
Department/Institution	
Address for communication	
Mobile number	
Email ID	
Educational qualification (Highest Degree)	
Requirement for accommodation (Yes/No)	
Why do you wish to participate?	

Signature of the Candidate

Forwarded by Supervisor/ Head of the Department

How to Apply

Duly filled registration scan copy to be sent via email to hortworkshop2026@gmail.com by 25/02/2026. Selection will be done by a screening committee. The selected participants will be informed through email by 28/02/2026.

Total No. of Seats : 30. No registration fee for selected participants.

National Workshop

on

RECENT TRENDS IN PLANT BIOTECHNOLOGY

(19th – 21st March 2026)



Organised by

**Department of Horticulture,
Sikkim University**

In collaboration with

**ICAR-Indian Institute of Pulses Research,
Kanpur**

Sponsored by

**ICAR-AINP on Biotech Crops
(ICAR-IIPR, Kanpur component)**

Venue: Department of Horticulture, Sikkim University

About Department

The Department of Horticulture at Sikkim University was established in 2009 to promote and advance horticultural education and research through the introduction of an integrated six-year BSc–MSc programme in Horticulture. In 2013, the department broadened its academic portfolio by launching MSc. (Horticulture) and PhD (Horticulture) programmes, offering four specializations: Fruit Science, Vegetable Science, Floriculture, and Plantation, Spices, Medicinal and Aromatic Crops. Beyond its academic programmes, the department is actively engaged in multidisciplinary research encompassing various domains of horticulture, including biotechnology, with particular emphasis on underutilized and under-researched crops of substantial socio-economic relevance to the North Eastern Region (NER). The department's major research thrust areas include organic farming, horticultural crop improvement and conservation, sustainable utilization, and value addition of indigenous horticultural resources.

About workshop

The National Workshop on "Recent Trends in Plant Biotechnology" offers a dynamic platform for researchers, academicians, scientists, and students to explore the latest advances shaping modern plant biotechnology. The workshop will highlight emerging tools and technologies such as genetic engineering, CRISPR/Cas-based genome editing, molecular breeding, bioinformatics, microbial biotechnology, and biotechnological approaches for sustainable and climate-resilient agriculture.

Participants will benefit from expert lectures by eminent scientists, interactive discussions, and hands-on training sessions that provide practical exposure to advanced biotechnological techniques. The programme aims to foster

knowledge exchange, encourage interdisciplinary collaboration, and inspire innovative research solutions to contemporary challenges in agriculture, food security, and environmental sustainability.

Major Highlights of the workshop

- Lectures by experts on microbial biotechnology, genetic engineering, CRISPR based genome edition, bioinformatics and molecular breeding
- Interactive session with experts, featuring hands-on training in advanced biotechnological techniques
- Exposure visits to different well established biotechnology labs in and around Sikkim University

Eligibility Criteria:

MSc/PhD students (Biotechnology, Agriculture, Horticulture, Life Sciences, Zoology, Microbiology, Botany) are eligible.

Abstract submission:

Abstracts are invited on topics related to the 'Recent Trends in Plant Biotechnology'. Last date for abstract submission is 25/02/2026. Students/scholars are encouraged to submit an original, concise abstract (word limit is 500) to hortiworkshop2026@gmail.com.



Advisors:

Dr. GP Dixit, Director, ICAR-IIPR, Kanpur

Dr. Debashish Pattanayak, Co-ordinator, AINP Biotech Cops, NIPB, New Delhi

Invited Speakers:

1. Dr. Sandeep Tambe
Science and Technology, Govt. of Sikkim
2. Prof. Nirupama Mallick
IIT, Kharagpur
3. Dr. SP Das
ICAR-NRC for Orchid, Pakyong
4. Prof. A P Mitra
IIT, Kharagpur
5. Dr. Meenal Rathore
ICAR-IIPR, Kanpur
6. Dr. Tapan K Mondal
ICAR-NIPB, New Delhi
7. Prof. Debabrata Sircar
IIT, Roorkee
8. Dr. Bishun Deo Prasad
Dr Rajendra Prasad Central Agriculture University,
Pusa, Samastipur
9. Prof. Lingaraj Sahoo
IIT, Guwahati
10. Prof. Nirala Ramchiary
JNU, New Delhi
11. Dr. Sudip Dutta
ICAR-Research Complex for NEH Region, Gangtok