

## REPORT ON THE WEBINAR

**Date & Time:** June 19, 2023 (Mon), 10:00 AM

**Speaker:** Associate Prof. Hemant Sood

**Topic:** “*Trends and Prospects of plant Biotechnology*”

Dr. Hemant Sood delivered a webinar on the topic “*Application Trends and Prospects of plant Biotechnology*” on 19-06-2023 (Monday) between 10:00 AM to 11:00 AM through the Google meet platform. The event was coordinated by Dr. Shikha Mittal, Assistant Professor, Department of Biotechnology and Bioinformatics, Jaypee University of Information Technology (JUIT), Wanknaghat. Dr. Hemant Sood discussed about the Plant Biotechnology, Application of plant Biotechnology, Abiotic Stress Tolerance Plants, Biotic Stress Tolerance Plants, Genetically Modified Foods (GM foods), and Pharmaceuticals and their use in advancement of the agriculture yield and farming. The webinar was aimed towards understanding the Plant Biotechnology and its Application. The contribution of these subjects towards Agriculture, Farming, and Medicinal aspects was highlighted. The presentation was pictorial and interactive. At the end of the webinar, Dr. Shikha Mittal delivered the vote of thanks.

 **JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY**  
Established under H.P. Legislative Assembly Act No. 14 of 2002  
and Approved by UGC under section 2(f)

  
विद्या य सेवा  
**JAIPRAKASH**  
SEWA SANSTHAN

**Department of Biotechnology & Bioinformatics**

**Webinar on** Scheduled Date:  
**“Trends and Prospects of Plant** 19-06-2023 (Mon),  
**Biotechnology”** 10:00 am

Registration link: <https://forms.gle/2gh85tSNE8S66d6M8>  
Contact No.: 7876462493

  
Dr. Hemant Sood



10:24 AM | Webinar on Trends and Prospects of plant Biotechn...

### Transformation overview

GENE identified and isolated

**A** Agrobacterium

genes inserted into plasmid

gene replication

**B** Gene Gun

gold particles coated with DNA

gene inserted into plant cell

**C** Direct gene transfer

genes inserted into plant cell

transgenic plant regenerated from single transformed cell

http://www.eg.ndsu.edu/pub/iplants/c/crops/a1219-2.gif

10:24 AM | 27°C Mostly cloudy | 19-Jun-23

10:57 AM | Webinar on Trends and Prospects of plant Biotechn...

### Hydroponic Technology and Farming

The New Era of Farming... HYDROPONIC

10:57 AM | Construction on Sarj... | 19-Jun-23

11:03 AM | Webinar on Trends and Prospects of plant Biotechn...

Entrepreneurs : Our Proud Alumni (Dr Shivam with Partner)



Participants:

- Sunil Datt Sharma
- Dr. Shruti Jain
- Nidhi Priya
- Ms. Sumana Roy
- Harshita Bhardwaj
- somlata sharma
- Jyoti Ramchandani
- 17 others
- You

In-call messages:

Let everyone send messages

Messages can only be seen by people in the call and are deleted when the call ends

Raja Kumari s 9:53 AM  
Good morning to everyone.

Dr. Shruti Jain 10:03 AM  
yes mam

Any Question?

27

27°C Mostly cloudy 11:03 AM 19-Jun-23

11:08 AM | Webinar on Trends and Prospects of plant Biotechn...

Participants:

- Sunil Datt Shar...
- Dr. Shruti Jain
- Nidhi Priya
- Ms. Sumana Roy
- UTKARSHA SRIV...
- Jyoti Ramchan...
- 19 others
- You

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Raja Kumari s 9:53 AM  
Good morning to everyone.

Dr. Shruti Jain 10:03 AM  
yes mam

You 11:09 AM  
Any Question?

Sulagna Halder 11:09 AM  
Good morning madam

Dr. V. K. Singh 11:10 AM  
Informative

Sulagna Halder 11:10 AM  
I have a question

Ms. Sumana Roy 11:10 AM  
Nice explanation ma'am

Send a message

27

27°C Mostly cloudy 11:08 AM 19-Jun-23