

# CENTRE FOR PLANT BIOTECHNOLOGY

CCSHAU, NEW CAMPUS, HISAR

Ph. NO. - 01662-271369

Centre for Plant Biotechnology, HSCST, DST, Haryana, CCSHAU Campus Hisar is going to organize one month training programs on “**General Techniques in Plant Tissue Culture**” as per schedule given below:

S. NO.	Particulars	Schedule	Fee Structure
1.	Training on “ <b>General Techniques in Plant Tissue Culture</b> ”	<b>1<sup>st</sup> May to 31<sup>st</sup> May, 2019</b>	<b>Plant Tissue Culture:</b> B.Sc/B.Tech: Rs. 3000/month M.Sc/M.Tech: Rs. 4000/month
2.	Training on “ <b>General Techniques in Plant Tissue Culture</b> ”	<b>10<sup>th</sup> June to 9<sup>th</sup> July, 2019</b>	<b>Plant Tissue Culture:</b> B.Sc/B.Tech: Rs. 3000/month M.Sc/M.Tech: Rs. 4000/month

The interested students may apply on prescribed registration form available on the website [www.cpbhisar.org](http://www.cpbhisar.org). The scanned copy of registration form duly forwarded from Head of the Department/Principal may be sent through mail to [cpbtraininghisar@gmail.com](mailto:cpbtraininghisar@gmail.com). The incomplete registration form/application not forwarded from Head of the Department/Principal or not received on the above said mail address will not be considered. The training fee can be deposited in the office of undersigned at the time of registration on 1<sup>st</sup> May and 10<sup>th</sup> June 2019. The consent of the training will be sent through e-mail.

Director (T)

# REGISTRATION FORM

“Training on General Techniques in Plant Tissue Culture”

Full Name (in block letters) .....

Course/Degree in which presently enrolled: .....

Year/Semester: .....

University/College/Institution Name: .....

Department: .....

Training Duration as mentioned in the Schedule: .....

Present Address: .....

.....

Address for Communication: .....

.....

Mobile No.: .....

E-mail (block letters): .....

Date:

Signature of the applicant

Place:

Recommendation from the Head of the Department

Date:

Signature & Seal of Head of the

Place:

Department/Principal

**A Training programme on  
“General Techniques in Plant Tissue Culture”**



**Dr. A K. Bhatia, Director (Technical), CPB, Hisar**

***Course Coordinators***

**Dr. Subhash Kajla**

***Course Co-Coordinator***

**Mr. Anil Kumar**

***Organized by***  
**Centre for Plant Biotechnology,  
CCSHAU, New Campus, Hisar**

## **Objectives:**

The Centre has well equipped plant tissue culture laboratories and is engaged in the multiplication of elite germplasm of several crops through tissue culture. In view of the emphasis laid by the State Govt. to diversify farming and shift towards unconventional form of cultivation, this Centre has immense role in providing good quality planting material of crop plants, horticultural crops, forest trees and medicinal and aromatic plants to the farmers and other user departments. The Centre has also earned a name by multiplying elite germplasm of Aloevera, Sarpagandha, Stevia, Banana, Gladiolous, Bamboo, Eucalyptus, Chlorophytum, Dahlia, Potato, Strawberry, Mehandi, Sugarcane and other species through tissue culture.

The Department of Biotechnology, Government of India declared Centre for Research and Application in Plant Tissue Culture (CRAPTC) as the regional hardening facility during the 10th Five Year Plan under Consortium on Micropropagation Research and Technology Development. The Centre was renamed as CPB in October, 2007 to widen its research mandate. Within a few years of its existence, the Centre has earned a national renown for its contributions to Plant Tissue Culture.

It is necessary to inculcate these skills and expertise through systematic training of human resource. Realizing its responsibilities, CPB shall organize a training course aimed at early-carrier scientist/researchers/Students from universities and colleges of India working in fields of biotechnology. The Centre for Plant Biotechnology, CCSHAU, New Campus, Hisar is a leading institute of learning in the field and this training programme is designed to provide the participants with basic understanding and skills in use of techniques in Plant tissue Culture. The training programme will include invited lectures by experts as well as lectures by CPB faculty and practical classes.

## **Course contents of training programs**

### **Plant Tissue Culture**

- Application & Importance of Plant Tissue Culture
- Cleaning and Washing techniques
- Laboratory Organization
- Media Preparation & their types
- Sterilization Techniques
- Aseptic inoculation techniques
- Micropropagation, Genetic Fidelity testing and Genetic Diversity Analysis
- Hardening Techniques
- Basics of genetic fidelity testing

## **FEE:**

- For B.Sc/B.Tech students: Rs. 3000/month for training on Plant Tissue Culture
- For M.Sc/M.Tech students: Rs. 4000/month for training on Plant Tissue Culture

## **PROCEDURE FOR APPLICATION/SELECTION OF PARTICIPANTS:**

The interested students may apply on prescribed registration form available on the website [www.cpbhisar.org](http://www.cpbhisar.org). The scanned copy of registration form duly forwarded from Head of the Department/Principal may be sent through mail to [cpbtraininghisar@gmail.com](mailto:cpbtraininghisar@gmail.com). The incomplete registration form/application not forwarded from Head of the Department/Principal or not received on the above said mail address will not be considered. The training fee can be deposited in the office of undersigned at the time of registration on 1<sup>st</sup> May and 10<sup>th</sup> June 2019. The consent of the training will be sent through e-mail. The training will be scheduled as under:

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Director (Technical)  
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[cpbtraininghisar@gmail.com](mailto:cpbtraininghisar@gmail.com)

*Photocopy of the application form is acceptable.*