

# **Dr.Ambedkar College, Deekshabhoomi, Nagpur**

## **Department of Biochemistry and Biotechnology**

### **Report on**

## **Add-On Course on Plant tissue culture**

Department of Biochemistry and Biotechnology Dr. Ambedkar College, Dekshabhomi Nagpur organized one week add on course on In-vitro Plant Tissue Culture for UG and PG students on dated 1April 2023 to 07 April 2023 under the headship of Dr. Utpal Dongre and under the Co-ordination of Prof. Pradip Hirapure.

Total 60 students of B.Sc. and M.Sc. Biotechnology and Biochemistry subjects participated for this workshop on plant tissue culture techniques. In all the session Prof. Pradip Hirapure delivered the lectures and hands on in vitro plant tissue culture, sir has explained various laboratory requirement, media preparation for plant tissue culture. Sir has also explained laboratory protocol of callus culture, suspension culture, organ culture, role of various growth regulators, virus free plant production, Haploid plant production and various applications of plant tissue culture also discussed by the Prof. Pradip Hirapure and session ended with the question and answers session every day

# Dr. Ambedkar College Deekshabhoomi, Nagpur

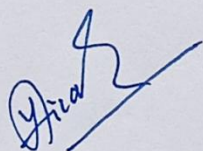
Date: 15/03/2023

## Notice

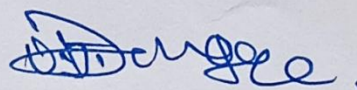
This is to inform that Department of Biochemistry and Biotechnology organising one week add on course on plant tissue culture techniques for the UG and PG students of Biochemistry /Biotechnology / botany. Kindly register for this course on before 30 March 2023.

## Course Details

Date		Topics
1/04/2023	10.00 am to 2.00pm	Introduction history and applications of plant tissue culture
2/4/2023	10.00 am to 2.00pm	Laboratory setup and laboratory requirements for PTC
3/4/2023	10.00 am to 2.00pm	Preparation and sterilization and storage of plant Tissue culture Media and hormones
4/04/2023	10.00 am to 2.00pm	Surface sterilization and explants preparation with various methods and sterilizing agents
5/04/2023	10.00 am to 2.00pm	Haploid production through in vitro anther culture
6/04/2023	10.00 am to 2.00pm	Callus induction from leaf / stem/ root and In vitro Rooting and shooting
7/04/2023	10.00 am to 2.00pm	Plant genomic DNA extraction and quantification



Course coordinator  
(Mr. P.V. Hirapure)



HEAD  
(Dr. Utpal Dongre )  
HEAD

DEPARTMENT OF  
BIOCHEMISTRY & BIOTECHNOLOGY  
DR. AMBEDKAR COLLEGE,  
DEEKSHA BHOOMI, NAGPUR



Hands on training to individuals Participants



Batch of participants performing Plant genomic DNA extraction



Surface sterilization and explants preparation



Results of micro-propagation



Plant tissue culture incubation Room



Plant tissue culture Laboratory of our Department

Dr. Ambedkar College Deekshabhoomi, Nagpur  
Department of Biochemistry and Biotechnology

Add-on course on Plant tissue culture -2023

1-7 April 2023

List of participants

S.NO.	NAME OF THE STUDENTS	Class
1	AARTI KALE	MSc. Biotechnology Sem- IV
2	AISHWARYA HIREKHAN	MSc. Biotechnology Sem- IV
3	AYUSHI JAMBHULKAR	MSc. Biotechnology Sem- IV
4	BHAGYASHREE BAWANKULE	MSc. Biotechnology Sem- IV
5	BHAGYASHRI PATLE	MSc. Biotechnology Sem- IV
6	DEVYANI CHAWLE	MSc. Biotechnology Sem- IV
7	DIKSHITA MOTGHARE	MSc. Biotechnology Sem- IV
8	HARSHALI RODE	MSc. Biotechnology Sem- IV
9	HASTI SANGHANI	MSc. Biotechnology Sem- IV
10	NIHARIKA BUTE	MSc. Biotechnology Sem- IV
11	PAYAL DORLE	MSc. Biotechnology Sem- IV
12	PRACHI AGLAWE	MSc. Biotechnology Sem- IV
13	PRACHI KHOBRADE	MSc. Biotechnology Sem- IV
14	PRADNYA DHAWALE	MSc. Biotechnology Sem- IV
15	PRANJALI SHAHU	MSc. Biotechnology Sem- IV
16	PRATIKSHA RAUT	MSc. Biotechnology Sem- IV
17	PRIYASH BAMBAL	MSc. Biotechnology Sem- IV
18	RITUJA DESHMUKH	MSc. Biotechnology Sem- IV
19	ROHINI PATLE	MSc. Biotechnology Sem- IV

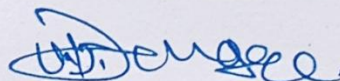
20	RUTUJA PADOLE	MSc. Biotechnology Sem- IV
21	SAKSHI DHOTE	MSc. Biotechnology Sem- IV
22	SAKSHI KALAMKAR	MSc. Biotechnology Sem- IV
23	TRIVENI MUTYALWAR	MSc. Biotechnology Sem- IV
24	Manasvi Deshmukh	MSc. Biotechnology Sem- II
25	Mayuri Kalbande	MSc. Biotechnology Sem- II
26	Neha Jawade	MSc. Biotechnology Sem- II
27	Nikita lute	MSc. Biotechnology Sem- II
28	Prachi Aglave	MSc. Biotechnology Sem- II
29		
30	Priya Tijare	MSc. Biotechnology Sem- II
31	Rabjyot Kaur bal	MSc. Biotechnology Sem- II
32	Rakhee Dhabre	MSc. Biotechnology Sem- II
33	Rakhi Jumde	MSc. Biotechnology Sem- II
34	Sachi Chauhan	MSc. Biotechnology Sem- II
35	Sanket Babhale	MSc. Biotechnology Sem- II
36	Shraddha Paraskar	MSc. Biotechnology Sem- II
37	Shreyashree Jambhulkar	MSc. Biotechnology Sem- II
38	ADITI ASHWIN KALMEGH	BSc. Biotechnology Sem-VI
39	ADITI DILIP CHAVHAN	BSc. Biotechnology Sem-VI
40	AKANKSHA BODHRAJ MISHRA	BSc. Biotechnology Sem-VI
41	AKANKSHA PURSHOTTAM MADAVI	BSc. Biotechnology Sem-VI
42	ANUSHKA VIJAY PEDRAJ	BSc. Biotechnology Sem-VI
43	BHUMIKA SUNIL BARASKAR	BSc. Biotechnology Sem-VI
44	BUSHRA HABIBKHAN PATHAN	BSc. Biotechnology Sem-VI
45	CHETANA ARUNKUMAR RAUT	BSc. Biotechnology Sem-VI

46	DEEPTI DIGAMBAR RAMTEKE	BSc. Biotechnology Sem-VI
47	DEVESHREE NANA JAWALKAR	BSc. Biotechnology Sem-VI
48	DIHANSHREE VASANTRAO GAME	BSc. Biotechnology Sem-VI
49	HARSHITA SUNIL KHAPEKAR	BSc. Biotechnology Sem-VI
50	INDRAKSHI SANTOSH SURPATNE	BSc. Biotechnology Sem-VI
51	KARINA YOGESH JICHKAR	BSc. Biotechnology Sem-VI
52	KHUSHI ARUN HADKE	BSc. Biotechnology Sem-VI
53	KHUSHI TAHIR KHAN	BSc. Biotechnology Sem-VI
54	MANASVI KISHOR POUNIKAR	BSc. Biotechnology Sem-VI
55	SHARVARI SURESH KAWADATE	BSc. Biotechnology Sem-VI
56	SHRUTI RAMCHANDRA GAJBHIYE	BSc. Biotechnology Sem-VI
57	SHRUTIKA GANESH DAHIKAR	BSc. Biotechnology Sem-VI
58	TANIA MANOJ SHUKLA	BSc. Biotechnology Sem-VI
59	VAISHALI GANESH BHOGARE	BSc. Biotechnology Sem-VI
60	AAYUSH SHANTARAM BELLARE	BSc. Biotechnology Sem-VI



Pradip Hirapure

(Coordinator)



Dr. Utpal Dongre

(Head)  
**HEAD**  
**DEPARTMENT OF**  
**BIOCHEMISTRY & BIOTECHNOLOGY**  
**DR. AMBEDKAR COLLEGE,**  
**DEEKSHA BHOOMI, NAGPUR**

# Dr. Ambrdkar College, Deekshabhoomi, Nagpur

Department of Biochemistry and Biotechnology

Workshop on Plant Tissue culture (1 to 7 April 2023)

## Feedback Form

Name of Presenter: Pradip Hirapur Date: 7.4.2023

Title of Workshop: Plant Tissue Culture

Overall, how would you rate this workshop?

1. How would you rate the usefulness of the content?  
(1 2 3 4  5)
2. How would you rate the hands-on activities?  
(1 2 3 4  5)
3. How would you rate the presenter's knowledge in the subject?  
(1 2 3 4  5)
4. How would you rate the presenter's style of teaching?  
(1 2 3 4  5)
5. How would you rate the pace of the presentation?  
(Too fast Too slow  Just right)
6. Was the workshop above or below your current skill level?  
(Above Below  Just right)
7. What did you like best or find most useful about the presentation?

Pakhale  
Diksha Pakhale  
M.Sc. Biotech.  
Sem II

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(Above Below  Just right)

7. What did you like best or find most useful about the presentation?

Paachi Ghanshyam Aglav  
M.Sc. I year Sem (II)

Paachi Aglav



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7. What did you like best or find most useful about the presentation?  
Hands on training.

Mansvi. S. Deshmukh  
MSc - I<sup>st</sup> year (Biotech)  
Mansvi

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Mohit Jambandkar  
M.Sc Biochem se

Mohit.