



**Shiv Chhatrapati Shikshan Sanstha's**  
**Rajarshi Shahu Mahavidyalaya (Autonomous), Latur**  
**Department of Biotechnology**  
**A) Summary Report**

1) Title of Programme:		Hands on Training Program on Plant Tissue Culture Techniques		
2) Name of Organizing Department/Unit:		Department of Biotechnology		
3) Name of the Coordinator(s)/Convener(s)/Organizer(s) of the Programme:		Principal : Dr. Mahadev Gavhane Vice-Principal : Prof. Sadashiv Shinde Head : Dr. S. S. Kulkarni Program Coordinator: Ms. Ashwini Devarshe		
4) Date(s) of the Programme:		29 <sup>th</sup> March 2022		
5) Venue/Mode:		Department of Biotechnology		
6) Target Group:		B. Sc Second Year and Third Year Students of Maharashtra Udayagiri Mahavidyalaya, Udgir		
7) Number of Participants:		Male	Female	Total
A separate list with signatures be maintained in the department/Unit)	Teaching	03	01	04
	Non-Teaching	00	00	00
	Students	13	37	50
8) Name(s) and details of Resource Person(s), if any:		Dr. R. B. Ade Assistant Professor Department of Biotechnology, Rajarshi Shahu Mahavidyalaya (Autonomous), Latur.		
9) Total Expenditure for the Programme:		NIL		
10) Source of Funding:		Not Applicable		

## B) Report

### i. Title

Hands on Training Program on Plant Tissue Culture Techniques.

### ii. Introduction

Hands on Training program has been organized on 29<sup>th</sup> March, 2022 on "Plant Tissue Culture Techniques". The program was organized by Department of Biotechnology Rajarshi Shahu Mahavidyalaya (Autonomous), Latur for B. Sc Second Year and Third Year Students of Maharashtra Udayagiri Mahavidyalaya, Udgir. This Hands-on Training program aims to help students to get knowledge about the laboratory organization and different plant tissue culture techniques.

### iii. Objectives of the Programme/issues addressed

- To make students aware of the laboratory organization of plant tissue culture.
- To connect students with different plant tissue culture techniques.
- To make the students to understand the different aseptic techniques and handling of plant tissue culture explants.

### iv. Details of Participants

56 participants (16 Male and 40 female) participants attended the Programme.

### v. Brief Summary of Events/Sessions


Dr. R. B. Ade introduced students about the aseptic techniques and laboratory organization of plant tissue culture. He also gave information of nutrients required for plant growth and media composition; the role of different hormones used in plant tissue culture was explained. He also gave hands on training of tissue culture of plant materials. He gave demonstration of explants culture, callus culture and handling of cultures. The students were also informed regarding lab to land cultivation of plants grown in labs.

### vi. Conclusion, with Feedback on the Programme

The participants got information about the aseptic techniques and laboratory organization of plant tissue culture; the media used for explants growth. The students gained knowledge regarding the different types of cell culture methods such as explants culture, callus culture, etc. The participants were made aware about the lab to land cultivation of plant tissue culture grown plants, hardening of plants. The information about various new advances in the field of Plant tissue culture was given to students.

### vii. List of Participants

Date: 30.03.2022

  
**HOD**  
**Head**  
Department of Biotechnology  
Rajarshi Shahu Mahavidyalaya  
(Autonomous) Latur-413 5.



  
**Principal**  
**PRINCIPAL**  
Rajarshi Shahu Mahavidyalaya  
(Autonomous), Latur

### C) Geotagged Photographs/screenshots:



Head of Biotechnology Department, Dr. Sachin kulkarni welcoming the participants of Hands on Training Program on Plant Tissue Culture Techniques



Participants attending the Hands on Training Program on Plant Tissue Culture



## D) Brochure of the Program:



  
**Shiv Chhatrapati Shikshan Sanstha's**  
**Rajarshi Shahu Mahavidyalaya (Autonomous), Latur**  
**Department of Biotechnology**

**Hands-On Training Programme On Plant Tissue Culture**

<b>Principal</b> <b>Dr. M. H. Gavhane</b> <b>Principal</b>	<b>Vice-Principal</b> <b>Prof. S. N. Shinde</b> <b>Vice Principal</b>	<b>Head</b> <b>Dr. S. S. Kulkarni</b>	<b>Program Co-Ordinator</b> <b>Ms. Ashwini Devarshe</b>
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**Resource Person**  
Dr. R. B. Ade  
Assistant Professor,  
RSML

**Date: 29<sup>th</sup> March 2022**  
**Time: 11 AM**

**Rajarshi Shahu Mahavidyalaya (Autonomous), Latur**  
**Hands on Training Program on Plant Tissue Culture Techniques**

**List of Participants**

<b>Sr. No.</b>	<b>Name of Participants</b>	<b>Gender</b>	<b>Designation</b>
<b>1.</b>	Dr. Rahul Allapure	Male	Teacher
<b>2.</b>	Dr. Vinay Nagpurne	Male	Teacher
<b>3.</b>	Miss. Renuka Joshi	Female	Teacher
<b>4.</b>	Mr. Vinod Ashture	Male	Teacher

अ. क्र.	रोल नं.	विद्यार्थ्याचे नांव		
1	1662	Vilegave Aastha	<del>Aastha</del>	9890089958
2	1532	Gurde Tanuja	<del>Tanja</del>	7769078571
3	1582	Motipavale Priyanka	<del>Priyanka</del>	8767157197
4	1534	Harkanche Anuja Rajkumar	<del>Anuja</del>	897566546
5	1545	Kamble megha Vasant	<del>Megha</del>	755839715
6	1562	Pooja Govind Kondapure	<del>Pooja</del>	9307380350
7	1503	Ajune sasaswati Madhav	<del>Sasaswati</del>	9175379127
8	1546	Kamble Nikita Govind	<del>Nikita</del>	7498480686
9	1650	Tamgale vaishnavi Beebishm	<del>Vaishnavi</del>	7022674920
10	1624	Dhanuse Nikita Ashok	<del>Nikita</del>	8605018117
11	1604	Sabne Shruti Shrawan	<del>Shruti</del>	8055748407
12	1572	Mandade Vaibhavi R.	<del>Vaibhavi</del>	9172293056
13	1658	Ugale Bhagyashree U.	<del>Bhagyashree</del>	8623977930
14	1613	Shaikh Ajmera Maheeb	<del>Ajmera</del>	9403541640
15	1376	Maniyar Muskan S.	<del>Muskan</del>	8856917992
16	1606	Saniya Firdos syed zainuddin	<del>Saniya</del>	8766743098
17	1625	Sharma Sakshi Ashok	<del>Sakshi</del>	9022009443
18	1601	Pinchani UmmeSaniya	<del>Pinchani</del>	9359846359
19	1651	Tarale Tejaswini .P	<del>Tejaswini</del>	9322237688
20	1641	Aarti Mallikarjun Soami	<del>Aarti</del>	9421535944

अ. क्र.	रोल नं.	विद्यार्थ्याचे नांव		
1	1403	Sakshi Somnath Swami	<u>Sakshi</u>	9373517443
2	1383	Regude Sakshi manohar	<u>Sakshi</u>	9373212452
3	1345	Kamble Shravani Ankush	<u>Shravani</u>	8262843680
4	1412	Ustad Zoha Salim	<u>Zohy Lat</u>	9669130839
5	1394	Shaikh Saniya	<u>Saniya</u>	9505823964
6	1382	Quadri Noorulain	<u>Noorulain</u>	9834939909
7	1395	Shaikh Shaziya Baqui	<u>Shaziya</u>	9792103381
8	1368	Musle Padmashri Trembak	<u>Padmashri</u>	9172152644
9	1324	Dhuppe Akshata Rajkumar	<u>Akshata</u>	9923472747
10	1309	Bhosle Mohini vitthalrao	<u>Bhosle</u>	9371381678
11	1343	Kalwane Aishwarya	<u>Aishwarya</u>	9209028525
12	1227	Jadhav Preeti	<u>Preeti</u>	8788536683
13	1219	Halkude Sneha	<u>Sneha</u>	7773938178
14	1381	Potane Shubhangi	<u>Potane</u>	8766617961
15	1314	Biradar pratiksha	<u>Pratish</u>	8788440565
16	1354	Lamture Mukta	<u>Mukta</u>	9773517443
17	1333	Gone Vaishnavi	<u>Gone</u>	9146004609



