



Shiv Chhatrapati Shikshan Sanstha's
Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)

Department of Botany

A) A Summary Report of the Activity

1) Title of Programme:	Laboratory Visit			
2) Name of Organizing Department/Unit:	Botany			
3) Name of the Coordinator(s)/ Convener(s)/ Organizer(s) of the Programme:	1.Prof.S.N. Shinde-Convener 2.Miss P.S. Maskepatil - Co-Convener 3.Miss.P.V.Kumbhar- Co-Convener			
4) Date(s) of the Programme:	31 st Mar 2023			
5) Venue:	Plant Tissue Culture Laboratory Warad Biotech Pvt. Ltd. Latur.			
6) Target Group:	B.Sc. II and M.Sc.II students			
7) Number of Participants: 20	Male	Female	Total	
A separate list with signatures be maintained in the department/Unit)	Teaching	00	03	03
	Non-Teaching	00	00	00
	Students	06	11	17
8) Name(s) and details of Resource Person(s), if any:	Nil			
9) Total Expenditure for the Programme:	500/-			
10) Source of Funding:	Students Collection			

B) Report

i) **Title:** Laboratory Visit

ii) **Introduction:**

Plant Tissue Culture now has direct commercial applications as well as value in basic research into Cell Biology, Genetics and Biochemistry. The laboratory visit was planned to provide actual practical knowledge in the areas of plant tissue culture and to familiar the students with tissue culture laboratory and different equipments in tissue culture laboratories. This visit is essential for enhancing critical thinking skills and gives students a chance to think about a topic and get motivated for startup.

iii) **Objectives of the Programme:**

1. To develop Entrepreneurship skills among the students.
2. To learn the Plant Tissue Culture Techniques.
3. To study to regenerate intact plants from disorganized callus.
4. To understand the commercial application of Tissue culture.

iv) **Details of participants: 20 (Male-06, Female-14)**

v) **Brief summary of Events:**

As a part of co-curricular activity, Department of Botany organized laboratory Visit to Plant Tissue Culture Laboratory, Warad Biotech Pvt. Ltd., Latur for B.Sc. II and M.Sc. II students. During the visit Miss P.S. Maskepatil and Miss P. V. Kumbhar guided to students about steps involved in plant tissue culture. Students observed different live stages of the tissue culture techniques in the laboratories. In this visit technical expert Mrs. Supare demonstrated the techniques involved in Plant Tissue Culture.


vi) **Conclusion:**

Students get knowledge about Micropropagation using meristem and shoot culture to produce large numbers of identical individuals. Students also became familiar with the techniques include Culture of cell, Anther, Ovules and Embryo on experimental to industrial scales. Students learnt commercial application of Tissue culture.

vii) Any Appendix if Necessary:

List of Participants attached

Date: 03 April 2023


Head
Head
Department of Botany
UG, PG and Research Centre
Rajarshi Shahu Mahavidyalaya (Autonomous),
LATUR-413 512




Principal
PRINCIPAL
Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)

C) Geotagged Photographs:



Students with Mrs. P.S. Maskepatil and Miss D.S. Chavan at Field Visit at Plant Tissue Culture Laboratory Warad Biotech Pvt. Ltd. Latur



Miss P.S. Maskepatil and Mrs. Supare while guiding to students about Plant Tissue Culture laboratory



Students and Teachers at Plant Tissue Culture Laboratory Warad Biotech Pvt. Ltd. Latur

D) Link of Video of the Programme: Nil

E) Brochure:



F) Newspaper Coverage: Nil

Notice:

Notice

29.03.2023

Department of Botany

Field visit

All the students of B.sc & M.sc are hereby informed that, Department of Botany organizes field visit on 31.03.2023 at 1:00 pm. All should remain present.

Time: 01:00 pm.

venue: Garden Gallery of Warad Biotech Pvt Ltd Latur.

~~Head~~
Department of Botany
UG, PG and Research Centre
Rajarshi Shahu Mahavidyalaya (Autonomous),
LATUR-413 512



Shiv Chhatrapati Shikshan Sanstha's
Rajarshi Shahu Mahavidyalaya (Autonomous), Latur
Department of Botany
List of Participants

G Visit to Garden Gallery of Walead Biotech,
 Latur
 (Laboratory visit) 31.03.2023

Sr.No	Name of the Student	Class	Gender	Sign
1.	Ankita Sanjay Suryawanshi	B.sc III	Female	<i>Ankita</i>
2.	Akshay Balaji Kangule	M.sc I st	Male	<i>Akshay</i>
3.	Kavathe Shubham Anant	B.sc II yr	- II -	<i>Shubham</i>
4.	Patil Sanchit Rajendra	B.sc II yr	- II -	<i>Sanchit</i>
5.	Santasee Sudashan Nagesh	BSC III yr	male	<i>Santasee</i>
6.	Lokase Sunil Rameshwar	BSC-III yr	- II -	<i>S.P. Lokase</i>
7.	Gurehi Husna Haroon	B.Sc. II yr	Female	<i>Husna</i>
8.	Mariya Shaikh. M.	B.Sc II yr	Female	<i>Shaikh</i>
9.	Panchbhai Mahesh. M.	- II -	- II -	<i>Mahesh</i>
10.	Shinde Madhuvanti Vitthal	M.Sc. IT yr	Female	<i>Madhuvanti</i>
11.	Giri Vaishali Rajendra	MSC-SY	Female	<i>Vaishali</i>
12.	Parekar Harshada Shivaji	MSC-SY	Female	<i>H.S. Parekar</i>
13.	Malge Dhiraj Digambar	MSC-SY	Male	<i>Dhiraj</i>
14.	Lakhe Poonam Chandrakant	MSC-SY	Female	<i>Plakhe</i>
15.	Dande Shruti Mahadev	BSc-Ty	Female	<i>Shruti</i>
16.	Rupali Ashok Garole	B.Sc.-SY	Female	<i>Rupali</i>
17.	Soami Vaichnavi Shivkant	B.Sc sy	Female	<i>Soami</i>
	Miss. P.V. Kumbhar	Staff	Female	<i>P.V. Kumbhar</i>
	Ms. P. S. Maskepatil	- II -	- II -	<i>P.S. Maskepatil</i>
	Miss D.S. Chavhan	- II -	- II -	<i>D.S. Chavhan</i>

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Principal
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