



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

A) Summary

1) Title of Programme:		Hands-on Training Programme on Basic and Advanced Microbiological 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. S. N. Shinde Head: Dr. S. S. Kulkarni		
4) Date(s) of the Programme:		27 th to 30 th August 2024		
5) Venue/ Mode:		Offline at Department of Biotechnology		
6) Target Group:		B.Sc. BT III Yr. students		
7) Number of Participants:		Male	Female	Total
A separate list with signatures be maintained in the department/Unit)	Teaching	04	01	05
	Non-Teaching	00	00	00
	Students	23	16	39
8) Name(s) and details of Resource Person(s), if any:		<ol style="list-style-type: none"> 1. Mr. U. P. Sirdeshmukh (Assistant Professor, RSML) 2. Dr. R. B. Ade (Assistant Professor, RSML) 3. Dr. S. S. Kshirasagar (Assistant Professor, RSML) 4. Mr. S. M. Bansode (Assistant Professor, RSML) 5. Ms. K. S. Komatwar (Assistant Professor, RSML) 		
9) Total Expenditure for the Programme:		Nil		
10) Source of Funding:		Not applicable		

B) Report

I. Title:

Hands on Training Programme on Basic and Advanced Microbiological Techniques.

II. Introduction:

Science is growing in a great space in order to develop technologies that are beneficial for the human race. In that race Microbiological techniques are used for studying about microbes like bacteria, fungi and the protists. Microbes have extreme importance in our day today lives. They have both positive as well as negative effects, like some are responsible for causing many potential diseases in human and other living beings while others are utilized for the benefit of our environment. So, in order to study the microorganisms a Hands-on Training on Basic and Applied Microbiological Techniques was Organized for UG third year students of our college. The training programme gives an overview on the activity of microorganism on different chemical products which are synthesized by students during their project. The training programme includes knowledge about laboratory rules, Pure Culture Techniques, Antimicrobial Susceptibility and Minimum Inhibitory Concentration of different chemical compounds synthesized by chemistry students as a part of their dissertation project along with the studies on standard antimicrobial products available in market and are in commercial use.

III. Objectives of the Programme/issues addressed

- To get familiar and get hands on experience of basic microbiological concepts like isolation of microbes, identification and application of Microorganisms
- To relate their traditional microbiological technique dissertation work for application of microorganisms.
- To promote the interdisciplinary research in the college/institute.

IV. Details of the participants

39 Participants (23 male and 16 female) attended the Programme.

V. Conclusion, with feedback on the programme: -

Hands on training programme on Basic and Applied Microbiological Techniques was successfully completed. Students thoroughly relished this training programme. Students got knowledge about different microbiological techniques used in prevention and control microorganisms. After the training programme students used the microbiological techniques during their dissertation work and completed their project work.

vi. Appendix: - List of participants.

Date: 31/08/2024


HoD
Head

Department of Biotechnology
Rajarshi Shahu Mahavidyalaya
(Autonomous) Latur-413 531




Principal
PRINCIPAL
Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)

C) Geotagged Photographs/Screenshots:



Resource persons from the Department of Biotechnology at Rajarshi Shahu Mahavidyalaya, Latur (Autonomous) conducted engaging sessions, providing students with valuable hands-on practice opportunities.

D) Brochure of the Program



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

Organizes

**Hands On Training Program on
Basic & Applied Microbiological Techniques**

27 - 30 Aug. 2024

Dr. Mahadev Gavhane
Principal

Prof. S. N. Shinde
Vice-principal &
Head (Dept. of Botany)

Dr. S. S. Kulkarni
Head of Dept. of Biotechnology

Resource Person

Dr. Ravindra Ade
Dr. Sangapal Kshirasagar
Prof. Udaybhanu Sirdeshmukh
Prof. Sanket Bansode
Prof. Karuna Komatwar

Time: 01 PM **Venue: Dept. of Biotechnology**

Organized for the students of B. Sc. TY, Department of Biotechnology, Rajarshi Shahu Mahavidyalaya, Latur (Autonomous)



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Shri Chhatrapati Shahu Maharaj Sanstha's

Rajarshi Shahu Mahavidyalaya, Latur (Autonomous)

Department of Biotechnology

Workshop on Basic and Applied Microbiological Techniques

Sr. No	Name of the Student	Class	Gender	27.08.2024	28.08.2024	29.08.2024	30.08.2024
1	Kasle Rutuja Dilip	BSC.BTY	Female	Prateek	Prateek	Prateek	Prateek
2	Kadam Dnyaneshwar Subhash	BSC.BTY	Female	Pradham	Pradham	Pradham	Pradham
3	Giradar Shubhangi Suryakant	BSC.BTY	Female	Shubhangi	Shubhangi	Shubhangi	Shubhangi
4	Rathad Dnyaneshwari Harising	BSC.BTY	Female	Prathod	Prathod	Prathod	Prathod
5	Wande Sakshi Ramesh	BSC.BTY	Female	Sakshi	Sakshi	Sakshi	Sakshi
6	Madkar Anzi Gajaji	BSC.BTY	Female	Abhi	Abhi	Abhi	Abhi
7	Vaishnavi Dilip Pahl	BSC.BTY	Female	Veil	Veil	Veil	Veil
8	Mare Rahini Ramesh	-	-	Prare	Prare	Prare	Prare
9	Mayuri Manik Dadge	-	-	Mayuri	Mayuri	Mayuri	Mayuri
10	Bhaleran Pranida Kamalakar	-	-	Pranita	Pranita	Pranita	
11	Balegare Ruchits Govindrao	-	-	Ruchits	Ruchits	Ruchits	
12	Pote Sneha Pramant	-	-	Sneha	Sneha	Sneha	Sneha
13	Suryawanshi Gayatri Maruti	-	-	Shyama	Shyama	Shyama	Shyama
14	Mashalkar Ganesh Dnyaneshwar	BSC.BTY	Male	Ganesh	Ganesh	Ganesh	Ganesh
15	Kadam Smritkrushna Umakant	BSC.BTY	Male	Pradham	Pradham	Pradham	Pradham
16	Mare Vaibhav Prabhakar	-	-	vaibhav	vaibhav	vaibhav	vaibhav
17	Ghinde Mahesh Balirang	BSC.BTY	male	Pradham	Pradham	Pradham	Pradham
18	Ghinde Kaushabh Anil	BSC.BTY	male	Pradham	Pradham	Pradham	Pradham
19	Peddy Omkar Shyamrao	-	Male	Praddy	Praddy	Praddy	Praddy

Sr. No	Name of the Student	Class	Gender	27.08.2024	28.08.2024	29.08.2024	30.08.2024
20	Dhruvade Shubham Prakash	BSC BT III	Male	Shreyas Rakesh	Shreyas Rishabh	Shreyas Rishabh	Shreyas Rishabh
21	Rushikesh Raju Bukate	-11-	-11-	Rakesh	Rishabh	Rishabh	Rishabh
22	Radaganee Laxman Tulsikar	-11-	-11-	Rishabh Rishabh	Rishabh Rishabh	Rishabh Rishabh	Rishabh Rishabh
23	Shreeraddha Abhinavga Thekare	-11-	-11-	Rishabh	Rishabh	Rishabh	Rishabh
24	Abhishek Gadhakar SURVE	-11-	-11-	A.S.S	D.S.S	A.S.S	A.S.S
25	Aniket Shankar Gadade	BSC BT III	male	Aniket	Aniket	Aniket	Aniket
26	Sadik Mustafa Sangad	BSC BT III	male	Aniket	Aniket	Aniket	Aniket
27	Rupesh Sanvash Sanvash	-11-	-11-	Raj	Raj	Raj	Raj
28	Rohan Abhinavga Chodhari	-11-	-11-	Rohan		Rohan	Rohan
29	shinde Rushikesh Balasaheb	-11-	-11-	Rushikesh	Rushikesh	Rushikesh	Rushikesh
30	Padile Sumit Balaji	-11-	-11-	Sumit	Sumit	Sumit	Sumit
31	Patil Mayur Hanmantara	-11-	-11-	Mayur	Mayur	Mayur	Mayur
32	Nalwade. Nagesh Dhanraj	-11-	-11-	Nagesh	Nagesh	Nagesh	Nagesh
33	Balaprashad Chandrakant Tadmre	-11-	-11-	33chudra	33chudra	33chudra	33chudra
34	mohite Shubham Anil	-11-	-11-	M	M	M	M
35	Sandur vedant Hanmant	-11-	-11-	V	V	V	V
36	Khandamgire Krishna Wankar	-11-	-11-	K	K	K	K
37	Kamble Ankita Dnyandev	-11-	Female	A.Vanbh	A.Vanbh	A.Vanbh	A.Vanbh
38	Kamble Shukla Abha Falakbhadra	-11-	Female	Abha	Abha	Abha	Abha
39	shinde Ankita suresh	-11-	-11-	Abha	Abha	Abha	Abha
40							
41							
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Department of **HOD** Biology
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PRINCIPAL
Rajarshi Shahu Mahavidyalaya, Latur
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