



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



A] Summary Report of the Activity

1) Title of Programme:		Three days Hands on training Program on "Advance Molecular Biology Techniques"		
2) Name of Organizing Department		Department of Microbiology, Biotechnology and Botany		
3) Name of the Coordinator(s)/ Convener(s)/Organizer(s) of the Programme:		Chief Organizer: Dr. Mahadev Gavhane (Principal, RSML) Co-ordinator: Prof. S. N. Shinde (Vice-Principal, RSML), Dr. D. V. Vedpathak (HoD. Microbiology), Dr. S. S. Kulkarni (HoD. Biotechnology)		
4) Date of the Programme:		17 th to 19 th Oct. 2024		
5) Venue:		Department of Biotechnology, RSML		
6) Target Group:		Students of UG & PG of Microbiology		
7) Number of Participants:		Male	Female	Total
A separate list with signatures be maintained in the department/Unit)	Teaching	07	07	14
	Non-Teaching	02	00	02
	Students	07	40	47
Total				63
8) Name and details of Resource Persons/ Judge		Dr. Manisha Dhotre, Prof. U. P. Sirdeshmukh, Prof. Suraj Kadam, Prof. Sanket Bansode, Ms. Swati Swami		

B] Report

i. Title: Three days Hands on training Program on "Advance Molecular Biology Techniques"

ii. Introduction:

Molecular biology studies chemical structures and biological processes in living organisms, including macromolecules like proteins and genes. It aids in drug development, disease diagnosis, and understanding cell physiology. Molecular biology methods include protein, immunostaining, and nucleic acid methods. It combines disciplines like biochemistry, genetics, microbiology, virology, and physics, focusing on the intersection of biochemistry and genetics.

iii. Objective of the Programme:

a. To provide students hands-on experience in advanced molecular biology techniques

b. iv. Detail of Participants:

47 participants (Male 7 and 40 Female) attended the training programme

v. Brief summary of Event:

Three days Hands on training Program on "Advance Molecular Biology Techniques" was jointly organized by Department of Microbiology, Biotechnology and Botany from 17th to 19th October 2024 at the Department of Biotechnology RSML. Total 47 student participants were there in the training programme. Dr. Dr. S. S. Kulkarni, Head, Department of Biotechnology, presented welcome note and gave the information about the programme. Dr. Manisha Dhotre, Prof. U. P. Sirdeshmukh, Prof. Suraj Kadam, Prof. Sanket Bansode, Ms. Swati Swami Resource Persons of the programme conducted the workshop. On the 19th Oct. valedictory function marked the successful completion of the Advanced Molecular Biology Techniques hands-on training program.

vi. Conclusion, with feedback on programme:

The Advanced Molecular Biology Techniques hands-on training program has successfully equipped participants with the theoretical knowledge and practical skills necessary to master cutting-edge molecular biology techniques. Through a combination of lectures, lab exercises, participants have gained hands-on experience with advanced techniques such as PCR, Gel electrophoresis, Restriction Digestion, DNA Molecular size determination, Genomic and Plasmid DNA isolation.

vii. Any Appendix, If Necessary: Nil

vii. List of Participants attached

viii. date: 21st October 2024


Head,
Department of Microbiology
Rajarshi Shahu Mahavidyalaya
LATUR - 413 512

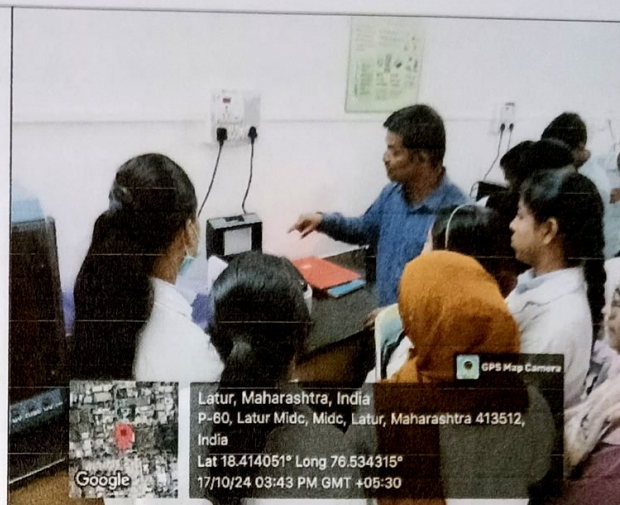



Principal
PRINCIPAL
Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)

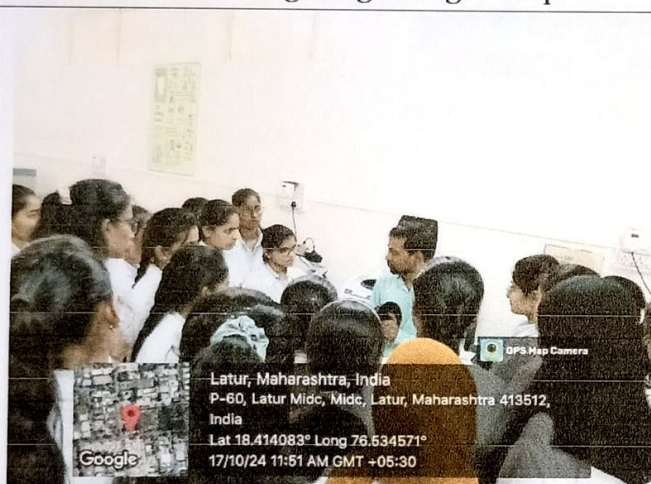
C] Geo tagged Photographs/ Screenshots



Dr. S.S. Kulkarni giving inaugural speech



Prof. U. P. Sirdeshmukh explaining PCR



Prof. Suraj Kadam explaining DNA isolation



Students performing the experiments



Valedictory function

D] Brochure of the programme:

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

**Department of Biotechnology,
Botany & Microbiology**

Organizes

**Three Days Hands On Training Program On
"Advance Molecular Biology Techniques"**

Resource Person

Dr. Manisha Dhotre
Prof. U. P. Sirdeshmukh
Prof. Suraj Kadam
Prof. Sanket Bansode
Ms. Swati Swami

Dr. Mahadev Gavhane
Principal

Prof. S. N. Shinde
Vice-principal

Prof. S. N. Shinde
Head,
Dept. of Botany

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

Dr. D. V. Vedpathak
Head,
Dept. of Microbiology

Date: 17 Oct. - 19th Oct. 2024

Venue: Dept. of Biotechnology

Time: 10 AM

Shiv Chhatrapati Shikshan Sanstha's
Rajarshi Shahu Mahavidyalaya (Autonomous), Latur
Department of Microbiology
Student Participant list



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

Three Days Hands On Training Program On Advance Molecular Biology Techniques

Sr. No.	Name of Student	Class	Gender	Signature		
				17-10-2024	18-10-2024	19-10-2024
1.	Arundhati Bapusaheb Deshmukh	B.Sc.-III	F	<i>Arundhati</i>	<i>Arundhati</i>	<i>Arundhati</i>
2.	Aeasiya Esak Patel	B.Sc.-III	F	<i>Aeasiya</i>	<i>Aeasiya</i>	<i>Aeasiya</i>
3.	Shraddha Vilas Sandur.	B.Sc.-III	F	<i>Shraddha</i>	<i>Shraddha</i>	<i>Shraddha</i>
4.	Patel Sadhya Altaf Ali	B.Sc.-III	F	<i>Sadya</i>	<i>Sadya</i>	<i>Sadya</i>
5.	Kalsadkar Radhika Govind	B.Sc.-III	F	<i>Radhika</i>	<i>Radhika</i>	<i>Radhika</i>
6.	Patil Tagrati Ramesh	B.Sc.-III	F	<i>Tagrati</i>	<i>Tagrati</i>	<i>Tagrati</i>
7.	Bhalekar Vaseha Mahan	B.Sc.-III	F	<i>Vaseha</i>	<i>Vaseha</i>	<i>Vaseha</i>
8.	Bonte Pojo Balaji	B.Sc.-III	F	<i>Pojo</i>	<i>Pojo</i>	<i>Pojo</i>
9.	Deshmukh Radha Bhanudas	B.Sc.-III	F	<i>Radha</i>	<i>Radha</i>	<i>Radha</i>
10.	Boyane Vidyarani. Sampti	B.Sc.-III	F	<i>Vidya</i>	<i>Vidya</i>	<i>Vidya</i>
11.	Patil Vaishnavi Vasant	B.Sc.-III	F	<i>Vaishu</i>	<i>Vaishu</i>	<i>Vaishu</i>
12.	Mashalkar Akanksha Rahul	B.Sc.-III	F	<i>Akanksha</i>	<i>Akanksha</i>	<i>Akanksha</i>

Sr. No.	Name of Student	Class	Gender	Signature		
				17-10-2024	18-10-2024	19-10-2024
13.	Tak Kusum Deepak	B.Sc.-III	F	<i>Kusum</i>	<i>Kusum</i>	<i>Kusum</i>
14.	Haldrabade Pratiksha Dattatraya	B.Sc.-III	F	<i>Pratiksha</i>	<i>Pratiksha</i>	<i>Pratiksha</i>
15.	Chebale Anuja Laxman	B.Sc.-III	F	<i>Anuja</i>	<i>Anuja</i>	<i>Anuja</i>
16.	Ige Sakshi Dayanand	B.Sc.-III	F	<i>Sakshi</i>	<i>Sakshi</i>	<i>Sakshi</i>
17.	Dhonure Nagma Mukrom	B.Sc.-III	F	<i>Nagma</i>	<i>Nagma</i>	<i>Nagma</i>
18.	Shirure Rutuja Rushikesh	B.Sc.-III	F	<i>Rutuja</i>	<i>Rutuja</i>	<i>Rutuja</i>
19.	Pranchal Kiran Shivaji	B.Sc.-III	F	<i>Kiran</i>	<i>Kiran</i>	<i>Kiran</i>
20.	Shaikh Saniya Sultan.	B.Sc.-III	F	<i>Saniya</i>	<i>Saniya</i>	<i>Saniya</i>
21.	Shaikh Mahgbeer Faevej.	B.Sc.-III	F	<i>Mahgbeer</i>	<i>Mahgbeer</i>	<i>Mahgbeer</i>
22.	Omkar Rameshwarao Ambore	B.Sc.-III	M	<i>Omkar</i>	<i>Omkar</i>	<i>Omkar</i>
23.	Sana Noor Ali Maniyar	M.Sc.-II	F	<i>Sana</i>	<i>Sana</i>	<i>Sana</i>
24.	Shweta Sudhir Bhoomke	M.Sc.-II	F	<i>Shweta</i>	<i>Shweta</i>	<i>Shweta</i>
25.	Dhiraj Narsing Survasse	M.Sc.-II	M	<i>Dhiraj</i>	<i>Dhiraj</i>	<i>Dhiraj</i>
26.	Swarani Mayur Manmath	M.Sc.-II	F	<i>Swarani</i>	<i>Swarani</i>	<i>Swarani</i>
27.	Hanmante Dhanshree Pandit	M.Sc.-II	F	<i>Hanmante</i>	<i>Hanmante</i>	<i>Hanmante</i>
28.	Nautake Vishakha Santosh	M.Sc.-II	F	<i>Vishakha</i>	<i>Vishakha</i>	<i>Vishakha</i>
29.	Rangdal Sanjana Rajendra	M.Sc.-II	F	<i>Sanjana</i>	<i>Sanjana</i>	<i>Sanjana</i>
30.	Yadav Manjusha Vijaykumar	M.Sc.-II	F	<i>Manjusha</i>	<i>Manjusha</i>	<i>Manjusha</i>
31.	Kulkarni Maithili Sahish	M.Sc.-II	F	<i>Maithili</i>	<i>Maithili</i>	<i>Maithili</i>
32.	Kamble Jayant Dinesh	M.Sc.-II	M	<i>Jayant</i>	<i>Jayant</i>	<i>Jayant</i>

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 Department of Microbiology
 Student Participant list

Sr. No.	Name of Student	Class	Gender	Signature		
				17-10-2024	18-10-2024	19-10-2024
33.	Patel Farhan Abed	M.Sc.II	M	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
34.	Swami Siddheshwar Vishwakant	M.Sc.II	M	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
35.	Patel Sushil Rajendra	M.Sc.II	M	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
36.	Waghmare Gresh K.	M.Sc.II	M	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
37.	Bradde Noha Vijay	M.Sc.II	F	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
38.	Ashaputee Ashlesha Girish	M.Sc.II	F	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
39.	Joshi Akanksha Anand	M.Sc.II	F	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
40.	Changlarkar Shrawani P.	M.Sc.II	F	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
41.	Kendre Pooja Balaji	M.Sc.II	F	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
42.	Yadav Namrata Chhabhu	M.Sc.II	F	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
43.	Hoikar Rutuja Dhanu	M.Sc.II	F	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
44.	Kamble Nivedi Rajesh	M.Sc.II	F	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
45.	Ikhe Kranti Rajebhau	M.Sc.II	F	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
46.	Dahiwade Sayali Baburao	M.Sc.II	F	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
47.	Kapre Mrudula Balaji	B.Sc.III	F	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
48.						
49.						

[Signature]
Head,
 Dept. of Microbiology
 Rajarshi Shahu Mahavidyalaya,
 Latur - 413 512



[Signature]
Principal
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