



Shiv Chhatrapati Shikshan Santha's
Rajarshi Shahu Mahavidyalaya (Autonomous),
Latur
Department of Microbiology
A) A Summary Report of the Activity

1) Title of Programme:		Hands on Training Programme on PCR		
2) Name of Organizing Department		Department of Microbiology & Department of Biotechnology in collaboration with Hi-Media		
3) Name of the Coordinator(s)/ Convener(s)/Organizer(s) of the Programme:		Chief Guest- S.N. Shinde (Vice Principal of RSML) Chief Organizer :Dr. S.S. Kulkarni Head of Dept. of Biotechnology Convener: Dr. K. G. Maske		
4) Date of the Programme:		15 th Dec 2023		
5) Venue:		Department of Biotechnology, Rajarshi Shahu Mahavidyalaya Latur		
6) Target Group:		Students of UG and PG in Microbiology		
7) Number of Participants:		Male	Female	Total
A separate list with signatures be maintained in the department/Unit)	Teaching	Nil	2	2
	Non-Teaching	Nil	Nil	Nil
	Students	8	23	31
	Total			33
8) Name and details of Resource Persons		1.Dr. Sunil Kokane (Technical Expert,Hi-media) 2. Mr. Manoj Bhosare (Product Specialist, Hi-media)		

B] Report

i. Title: Hands on Training Programme on PCR

ii. Introduction:

Hands on Training Programme on PCR was organized by department of Biotechnology and Microbiology, Rajarshi Shahu Mahavidyalaya, Latur (Autonomous) in collaboration with Hi-Media Laboratories on 15 Dec 2023. Polymerase Chain Reaction which is advanced technique in molecular biology research. Workshop was organized to give hands on experience to the students about gene expression study by RT PCR.

iii. Objectives

- Provide hands on experience PCR.
- To study molecular biology concepts, specifically related to PCR.
- Promote interaction and collaboration among students from various departments.

iv Details of Participants

33 participants (08 Male and 25 Female) participated in Training

v. Brief Summary of Event: The training program was organized by the Department of Microbiology, Biotechnology in collaboration with Himedia Lab on 15th December 2023. Dr. Sunil Kokane (Technical Expert, Hi-media) and Mr. Manoj Bhosare (Product Specialist, Hi-media) were resource person for this Hands on program.

Technical Session I was dedicated to the extraction of DNA and amplification of DNA on PCR. In the technical Session II, agarose gel electrophoresis of DNA was performed and bands were observed in UV chamber.

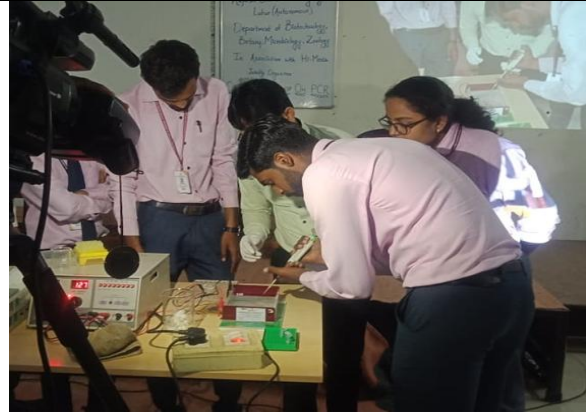
vi. Conclusion, with Feedback on the Programme: The one-day hands-on training program on PCR proved to be a valuable learning experience for students. The skills acquired during the event will undoubtedly contribute to their academic and professional development in the field of molecular biology.

vii. Any Appendix If Necessary: Brochure of the Program, Participant list & Session Photos are attached below

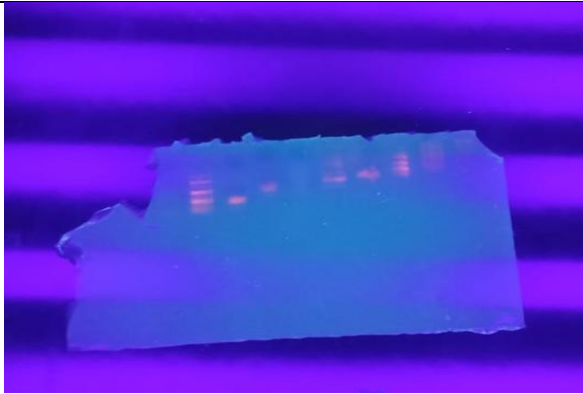
Date: 18/12/2023



Students Performing Agarose Gel Electrophoresis



Students Performing Agarose Gel Electrophoresis



Visualization of DNA Bands after gel electrophoresis under UV



Group Photo of participants After Training Session

Head

Dr. K.G.Maske
 HEAD
 Dept. of Microbiology
 Rajarshi Shahu Mahavidyalaya,
 LATUR - 413 512


 Principal
PRINCIPAL
 Rajarshi Shahu Mahavidyalaya
 (Autonomous), Latur



Programme Brochure-

 Shiv Chhatrapati Shikshan Sanstha's
Rajarshi Shahu Mahavidyalaya, Latur (Autonomous)
Department of Biotechnology, Department of Botany,
Department of Microbiology, Department of Zoology
in association with
Jfi-Media

 BIOMEDIA BIOSCIENCES SERVING HUMANITY
Jfi-MEDIA
For Life is Precious

Jointly Organizes

Hands On Training Programme on PCR

Resource Person

Dr. Sunil Kokane & **Mr. Manoj Borse**
Technical Expert, Jfi-Media Product Specialist, Jfi-Media

Dr. Mahadev Gavhane
Principal
Rajarshi Shahu
Mahavidyalaya, Latur
(Autonomous)

Prof. S. N. Shinde
Vice-Principal &
Head, Dept. of Botany
Rajarshi Shahu
Mahavidyalaya, Latur
(Autonomous)

Dr. S. S. Kulkarni
Head, Dept. of Biotechnology,
Rajarshi Shahu
Mahavidyalaya, Latur
(Autonomous)

Dr. K. G. Maske
Head, Dept. of Microbiology,
Rajarshi Shahu
Mahavidyalaya, Latur
(Autonomous)

Dr. D. S. Rathod
Head, Dept. of Zoology
Rajarshi Shahu
Mahavidyalaya, Latur
(Autonomous)

Date: 15 Dec. 2023 Venue: Seminar Hall Time: 10AM

Participants list



**Shiv Chhatrapati Shikshan Sanstha's
Rajarshi Shahu Mahavidyalaya, Latur (Autonomous)
Department of Biotechnology in Association with Hi-Media
Jointly Organizes
One Day Workshop on PCR**

Sr. No	Name of the Student	Gender	Department	Class	Signature
1	Akshay Arun Deshmukh	Male	Microbiology	MSC-II	
2	Arjune Saraswati Madhav	Female	Microbiology	M. Sc II year	
3	Bhagyshri uttam ugile	Female	Microbiology	MSc.s.y.	
4	Birajdar shweta shivaji	Female	Microbiology	Msc 2 yr	
5	Chavan Dhanashri Dhananjay	Female	Microbiology	MSc II	
6	Deshpande Sakshi Shreekant	Female	Microbiology	M.sc II year	
7	Dhamale Aditya Dagdu	Male	Microbiology	M.Sc II year (Micro)	
8	Gutte Anuja Gopalrao	Female	Microbiology	Msc II	
9	Joshi Akanksha Anand	Female	Microbiology	M.Sc FY	
10	Kamble ganesh gunwant	Male	Microbiology	M.sc 2 nd	
11	Kondapure Pooja Govindrao	Female	Microbiology	M.Sc II Year	
12	Lakhe kranti Rajebhau	Female	Microbiology	MSc. F.Y.	
13	Maheshwari Shrishail Birajdar	Female	Microbiology	MSC 2nd year	
14	Motipawale priyanka suresh	Female	Microbiology	M. Sc sy	
15	Navtake vishakha santosh	Female	Microbiology	Msc Fy	
16	Nivedi Rajesh Kamble	Female	Microbiology	Msc 1 year	
17	Rodge Apeksha Ashokrao	Female	Microbiology	MSc II	
18	Sarwade Vaishnavi Rajeshwar	Female	Microbiology	MSc.2nd year	

19	Sayali Baburao Dahiwade	Female	Microbiology	Msc FY	<i>[Signature]</i>
20	Shinde Divya Bharat	Female	Microbiology	MSC II yr	<i>[Signature]</i>
21	Shravani prakash changlerkar	Female	Microbiology	Msc	<i>[Signature]</i>
22	Swami siddheshwar vishwajit	Male	Microbiology	M.Sc first year	<i>[Signature]</i>
23	Vaishnavi Rajendra Hanwate	Female	Microbiology	M.Sc II	<i>[Signature]</i>
24	Vishal Rajkumar suryawanshi	Male	Microbiology	M.sc second year	<i>[Signature]</i>
25	Waghmare sushama shivaji	Female	Microbiology	M.Sc II	<i>[Signature]</i>
26	Yadav manjusha vijaykumar	Female	Microbiology	M.sc first year	<i>[Signature]</i>
27	Zishan Pathan	Male	Microbiology	Msc 1 year	<i>[Signature]</i>

- 28) Kulkarni maithili ^{Am} ^{bio} ^{micro} msc fy *[Signature]*
- 29) Patil Rohit ^{satish} ^{bio} ^{micro} m.sc. II *[Signature]*
- 30) Santakke Sudakshin Nagesh ^{m-bio} ^{BSC-III} *[Signature]*
- 31) Shrushti Shivprasad Bidada ^{M.sc II} *[Signature]*
- 32) Prof. R.S. Gudda ^{C. Pani}
- 33) Prof. P. S. Ghogare *[Signature]*

Head
[Signature]
Dr. K.G.Maske
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 Dept. of Microbiology
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