



Shiv Chhatrapati Shikshan Sanstha's
Rajarshi Shahu Mahavidyalaya, Latur (Autonomous)
Department of Biotechnology & Food Processing Technology

A) Summary

1) Title of Programme:		One Day Workshop On PCR		
2) Name of Organizing Department/Unit:		Department of Biotechnology & Food Processing Technology		
3) Name of the Coordinator(s)/ Convener(s)/ Organizer(s) of the Programme:		Principal: Dr. M. H. Gavhane Vice Principal: Prof. S. N. Shinde Head: Dr S. S. Kulkarni		
4) Date(s) of the Programme:		15 th December 2023		
5) Venue/ Mode:		Department of Biotechnology & Food Processing Technology		
6) Target Group:		Students		
7) Number of Participants:		Male	Female	Total
A separate list with signatures be maintained in the department/Unit)	Teaching	00	00	00
	Non- Teaching	00	00	00
	Students	46	60	106
8) Name(s) and details of Resource Person(s), if any:		1. Dr. Sunil Kokane Technical Expert- Hi-Media 2. Mr. Manoj Borse Product Specialist-Hi-Media		
9) Total Expenditure for the Programme:		Nil		
10) Source of Funding:		Not Applicable		

B) Report

i. Title

One Day Workshop on PCR

ii. Introduction

The Department of Biotechnology organized One Day Workshop focused on Polymerase Chain Reaction (PCR), a cornerstone technique in modern biotechnology. Dr. Sunil Kokane and Mr. Manoj Borse, esteemed experts in the field, served as the resource persons for this enriching event. With their extensive experience and profound understanding of PCR methodologies, they provided invaluable insights and practical guidance to the participating students. The workshop aimed to equip students with a comprehensive understanding of PCR principles, applications, and experimental techniques. Through a blend of theoretical lectures, hands-on demonstrations, and interactive discussions, attendees had the opportunity to delve deep into the intricacies of PCR technology.

iii. Objectives of the Programme/ issues addressed

- To equip participants with practical skills in PCR
- To gain proficiency in designing and performing PCR experiments.
- To understand applications of PCR in disease diagnosis.

iv. Details of Participants

127 Participants (46 Male and 81 female) attended the workshop.

v. Brief Summary of Events/ Sessions

Department of Biotechnology and Hi-Media collaborated to organized an extensive One Day Workshop on Polymerase Chain Reaction (PCR). A wide range of subjects were covered in this course, such as theoretical foundations, useful experimental approaches, quality assurance, troubleshooting methodologies, and common issues with PCR setup. It also covered the creation of primers, the use of enzymes, and master mix composition. Experts from Hi-Media, Dr. Sunil Kokane and Mr. Manoj Borse, gave thorough explanations of the fundamental ideas and workings of PCR. They were complemented by a live demonstration of extracting DNA from a volunteer's blood sample. Prof. S.N. Shinde, Vice Principal, gave a speech during the inaugural session, and the head of the department of biotechnology gave a hearty greeting to everyone.

vi. Conclusion with Feedback on the Programme

The hands-on training program on PCR successfully provided participants with a comprehensive understanding of PCR technique. The combination of theoretical knowledge and practical experience empowered participants to integrate PCR into their research practices.

vii. Appendix: List of participants

Date:16.12.2023


HoD
Head

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




Principal
PRINCIPAL
Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)

B) Geotagged Photographs/ Screenshots:



Dr. S.S.Kulkarni Felicitating Dr. Sunil Kokane (Technical Expert- Hi-Media)



Students and teachers during the technical session



Dr. Sunil Kokane (Technical Expert- Hi-Media) during the interactive session



Prof. S.N.Shinde addressing the participants during the practical session

C) Brochure of the program:



शिव छत्रपती
शिखारण संस्था
राज्य
स्थापना - १९७०

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
Hi-Media
Jointly Organizes



ONE DAY WORKSHOP ON PCR



Resource Person
■—■—■—□—■—■—■—■—

Dr. Sunil Kokane
Technical Expert, Hi-Media

&
Mr. Manoj Borse
Product Specialist, Hi-Media

Dr. Mahadev Gavhane
Principal
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)

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

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



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	Aarti Umakant Mathapati	Female	Botany	M.sc II yr	
2	Adinath Lalaji Dhande	Male	Biotechnology	MSC BT. FY	
3	Aditya Dhananjay Kuber	Male	Biotechnology	M.Sc. Bt FY	
4	Aditya hake	Male	Biotechnology	Bsc BT 3 rd year	
5	Akanksha Mukund Patil	Female	Biotechnology	Bsc. BT T.Y.	
6	Akanksha suryakant poul	Female	Botany	MSC 2nd year	
7	Akshay Arun Deshmukh	Male	Microbiology	MSC-II	
8	Akshta Kashinath Pawar	Female	Biotechnology	Msc 2year	
9	Amruta Dattatray Gadde	Female	Biotechnology	Bsc BT III	
10	Ankita Chandrashekhar Ravikar	Female	Biotechnology	Bsc BT III	
11	Anuja anil patil	Female	Biotechnology	Msc. BT. 1st year	
12	Arjune Saraswati Madhav	Female	Microbiology	M. Sc II year	
13	Avate Rohit Rajendra	Male	Biotechnology	Msc 2 year	
14	Babji Shruti Kishor	Female	Biotechnology	Bsc bt 3rd yr	
15	Bhagyshri uttam ugile	Female	Microbiology	MSc.s.y.	
16	Bhalerao Anuradha Madhav	Female	Zoology	MSC sy	
17	Bilal Taglure	Male	Biotechnology	Bsc Bt ty	
18	Biradar Omkar Vasant	Male	Biotechnology	B.Sc.BT. 3rd year	

19	Birajdar Mangesh Ganpati	Male	Biotechnology	3 year	<u>Mangesh</u>
20	Birajdar Rutuja Ravindra	Female	Biotechnology	B.Sc.BT 3rd year	<u>Rutuja</u>
21	Birajdar Shweta Shivaji	Female	Microbiology	Msc 2 yr	<u>Shweta</u>
22	BOLEGAVE SURAJ BHAGVAT	Male	Biotechnology	Msc BT 1 nd yr	<u>Suraj</u>
23	Borole Sagar Manohar	Male	Biotechnology	Msc BT 2 nd yr	<u>Sagar</u>
24	Bucche Sagar Madhav	Male	Biotechnology	Bsc.BT.3rd year	<u>Sagar</u>
25	Chavan Dhanashri Dhananjay	Female	Microbiology	MSc II	<u>Dhanashri</u>
26	Deshpande Sakshi Shreekant	Female	Microbiology	M.sc II year	<u>Sakshi</u>
27	Dhamale Aditya Dagdu	Male	Microbiology	M.Sc II year (Micro)	<u>Aditya</u>
28	Dhamale Ram Panditrao	Male	Biotechnology	Msc bt 2 nd year	<u>Ram</u>
29	Dhanshree Pandit Hanmante	Female	Botany	M.Sc. 1 yr	<u>Dhanshree</u>
30	DIVYA S.THAKURDESHMUKH	Female	Biotechnology	MSC.BT. 1st year	<u>Divya</u>
31	Gaikwad Swati Kakasaheb	Female	Biotechnology	MSC.BT 2nd yr	<u>Swati</u>
32	Gobade Aditya Dhanraj	Male	Biotechnology	M.Sc Bt 2nd year	<u>Aditya</u>
33	Gutte Anuja Gopalrao	Female	Microbiology	Msc II	<u>Anuja</u>
34	Hashmi Alfiya zaferali	Female	Botany	M.sc 2nd yr	<u>Alfiya</u>
35	Jadhav Ganesh Manikrao	Male	Biotechnology	Msc -2nd year	<u>Ganesh</u>
36	Jadhav Saurabh Satish	Male	Biotechnology	Msc. BT 1 year	<u>Saurabh</u>
37	Jiware Aarti Udhav	Female	Zoology	Msc sy	<u>Aarti</u>
38	Jogdand Shreya Bharat	Female	Zoology	MSC 1st year	<u>Shreya</u>
39	Joshi Akanksha	Female	Microbiology	M.Sc FY	<u>Akanksha</u>
40	Kadam Shubham Sakham	Male	Zoology	M.sc.2year	<u>Shubham</u>

41	Kale Amil Gahinirath	Male	Zoology	M Sc 2	Amil
42	Kamble Ganesh Gunwant	Male	Microbiology	M sc 2 nd	Ganesh K.
43	KAMBLE PRAJAKTA LALA	Female	Biotechnology	Bac BT third year	Prajakta
44	Kangule Akshay Balaji	Male	Botany	M sc II	Kangule
45	Kawdale Vikram Vijaykumar	Male	Biotechnology	BSc BT 3 Rd year	Vikram
46	Kendre Krishnkant Anirudha	Male	Zoology	MSC S Y	K.K.
47	Kiran baban mane	Male	Zoology	Msc second year	K. Mane
48	Kondapure Pooja Govindrao	Female	Microbiology	M.Sc II Year	Pooja
49	Kousik nisha ankush	Female	Biotechnology	B.sc BT TY	Nisha
50	Lahade Priyanka vasudev	Female	Biotechnology	MscBT II year	Priyanka
51	Lakhe kranti Rajebhau	Female	Microbiology	MSc. F.Y.	Kranti
52	Madhuri yashwantrao Bhande	Female	Zoology	PhD	Madhuri
53	Maheshwari Shrishail Birajdar	Female	Microbiology	MSC 2nd year	Shrishail
54	Mane Maya Dharmraj	Female	Biotechnology	MscBT II year	Maya
55	Mane sachin ganpatrao	Male	Biotechnology	Msc BT fy	Sachin
56	Mane sanchi jagdish	Female	Zoology	Msc 1st year	Sanchi
57	Maniyar Amreen Gaus	Female	Zoology	MSc.2nd yr	Amreen
58	Mansi Pankaj Halkude	Female	Biotechnology	BSC BT 3rd yr	Mansi
59	Mohan rajabhau rathod	Male	Biotechnology	Bsc Bt 3rd year	Rathod
60	Mohite Umesh Sanjay	Male	Zoology	M.Sc II Year	Mohite
61	Motipawale priyanka suresh	Female	Microbiology	M. Sc sy	Priyanka
62	Mugale Pranjal Bandu	Female	Zoology	M.sc (zoo) fy	Pranjal

63	Naikwade Keshav Netaji	Male	Biotechnology	B Sc BT III	<i>Keshav</i>
64	Navgire Pallavi Shivaji	Female	Botany	M.Sc FY	<i>Pallavi</i>
65	Navtake vishakha santosh	Female	Microbiology	Msc Fy	<i>Vishakha</i>
66	Nivedi Rajesh Kamble	Female	Microbiology	Msc 1 year	<i>Nivedi</i>
67	Omkar Manmathappa Malkude	Male	Biotechnology	B Sc BT III	<i>Omkar</i>
68	Pathan arbaj ajij Khan	Male	Biotechnology	Bsc bt 3rd year	<i>Arbaj</i>
69	Pathan Azrakhan Athar	Female	Zoology	MSc 1st year	<i>Azrakhan</i>
70	Pathan Iram Aslam	Female	Biotechnology	MSC BT 1st year	<i>Iram</i>
71	Patil vaishnavi Balasaheb	Female	Zoology	Msc sy	<i>Vaishnavi</i>
72	Pimpale Sayali Santosh	Female	Biotechnology	B.Sc.BT. III	<i>Pimpale</i>
73	Pooja milind kamble	Female	Biotechnology	BSC-BT-<III	<i>Pooja</i>
74	Prajval Ramesh Piche	Male	Biotechnology	Bsc Bt 3 year	<i>Prajval</i>
75	Pratham Bhagwat Thorat	Male	Biotechnology	MSC BT2nd year	<i>P.B.Thorat</i>
76	Pratiksha Prakash Birajdar	Female	Biotechnology	Msc BT 2nd year	<i>Pratiksha</i>
77	Reddy pooja	Female	Biotechnology	Msc BT 2nd year	<i>Pooja</i>
78	Rodge Apeksha Ashokrao	Female	Microbiology	MSc II	<i>Apeksha</i>
79	Rohan Uddhav kamble	Male	Zoology	MSC 2nd year	<i>Rohan</i>
80	Rohini Bhausahab Agwane	Female	Biotechnology	M.sc bt II nd year	<i>Rohini</i>
81	Rohit Dayanand Faridabadkar	Male	Biotechnology	Msc.BT2ndyr	<i>Rohit</i>
82	RUTIK BIRAJDAR	Male	Biotechnology	Msc bt 2yr	<i>Rutik</i>
83	Rutuja Bardale	Female	Biotechnology	B.Sc.BT. III	<i>Rutuja</i>
84	Rutuja Bharat Jadhav	Female	Biotechnology	MSc BT Second year	<i>Rutuja</i>

85	Rutuja harishchandra Gadade	Female	Biotechnology	Bsc.bt 3rd year	Rutuja
86	Sancheti Dayanand Kalyani	Female	Biotechnology	Bsc bt TY	Sancheti
87	Sanghmitra Balaji Mahalinge	Female	Biotechnology	MSc BT-II	Sanghmitra
88	Sanjivani Bhagwat Kawthe	Female	Biotechnology	Mac BT second year	Sanjivani
89	Sarange Pratiksha Ganesh	Female	Biotechnology	Msc BT 2 nd year	Sarange
90	Sarwade Vaishnavi Rajeshwar	Female	Microbiology	MSc.2nd year	Vaishnavi
91	Sayali Baburao Dahiwade	Female	Microbiology	Msc FY	Sayali
92	Sayyad Akbar Turabali	Male	Biotechnology	M.SC.BT 2 YR	Sayyad
93	Shakh Afsha Jabeen Layak	Female	Zoology	M.sc (first year)	Afsha
94	Shaikh Asma Amir	Female	Zoology	MSc 1st year	Asma
95	Shaikh IkraFatema Gulammujib	Female	Zoology	MSC 1st Year	Ikra
96	Shaikh Muskan Salim	Female	Zoology	MSc 1st year	Muskan
97	Shaikh shafee Hamid	Male	Biotechnology	Bsc.bt 3rd year	Shaikh
98	Shinde Divya Bharat	Female	Microbiology	MSC II yr	Shinde
99	Shinde Mahesh gopal	Male	Biotechnology	Msc.bt 1 year	Shinde
100	Shinde sandeep pandit	Male	Biotechnology	Bsc BT 3year	Sandeep
101	Shravani prakash changlerkar	Female	Microbiology	Msc -fy	Shravani
102	Shweta Jadhav	Female	Botany	M.Sc SY	Shweta
103	Shweta sharad pawar	Female	Biotechnology	Msc bt 2nd yr	Shweta
104	Shweta Sudhir Bhoomkar	Female	Botany	M. Sc. 1 st year	Shweta
105	Smita shivaji surwase	Female	Biotechnology	Bsc BT 3rd year	Smita
106	Sopan Kishan khot	Male	Biotechnology	B.Sc. BT IIyr	Sopan

Date:16.12.2023


 HoD
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 Principal
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