



Shiv Chhatrapati Shikshan Sanstha's

**Rajarshi Shahu Mahavidyalaya (Autonomous), Latur**

**Department of Microbiology**

**A) A Summary Report of the Activity**

1) Title of Program :		International Microorganism Day: “Competition on Molecular Biology and Techniques.”		
2) Name of Organizing Department:		Department of Microbiology		
3) Name of the Coordinator(s)/ Convener(s)/ Organizer(s) of the Programme:		Chief Organizer: Dr Mahadev Gavhane Principal Convener: Dr K. G. Maske Head, Microbiology Coordinator: 1. Prof. Ms. S. S. Patil 2. Prof. Ms. P.D. Mane		
4) Date(s) of the Programme:		20 <sup>th</sup> September, 2022 @ 3.00 P.M.		
5) Venue/Mode:		Auditorium, R.S.M.(Auto.) Latur		
6) Target Group:		Teachers and Students		
7) Number of Participants:		Male	Female	Total
A separate list with signatures be maintained in the department/Unit)	Teaching	02	05	07
	Non-Teaching	Nil	Nil	Nil
	Students	15	16	31
	Total			38
8) Name(s) and details of Resource Person(s), if any: Judge		Dr. Dnyeswar Rathod Head, Dept. of Zoology and Fishery, R.S.M.(Auto.) Latur Dr. K. I. Momin Dept. of Chemistry, R.S.M.(Auto.) Latur		
9) Total Expenditure for the Programme:		Free		
10) Source of Funding:		Not Applicable		

## **B) Report**

### **i. Title**

International Microorganism Day: "Competition on Molecular Biology and Techniques."

### **ii. Introduction**

Department of Microbiology, Rajarshi Shahu Mahavidyalaya (Auto.) Latur and MICROBIOL, Microbiology students association celebrated "International Microorganism Day" on 20<sup>th</sup> September, 2022 at 3.00 P.M. and on this occasion organized "Competition on Molecular Biology and Techniques."

International Microorganism Day is celebrated on 17<sup>th</sup> of September, the day in 1683 when the Dutch Anton van Leeuwenhoek – a merchant with no fortune or university degrees - sent a letter to the Royal Society of London, reporting the first description of a single-celled organism. He built and developed his own microscopes (hundreds of them!), perfecting the lenses of his optical system and thus making it possible to obtain extraordinary amplifications, well ahead of his time, and to observe and describe, for the first time, microorganisms.

### **iii. Objectives of the Program**

- International Microorganism Day (since 2017) aims to raise awareness among young people and the society in general on the essential role that microorganisms play in our health, environment and quality of life, as well as of their biotechnological potential.
- To provide a platform for the students to understand Molecular Biology and present advanced Molecular Biology Techniques.

### **iv. Details of Participants**

38 participants (Male 17 and 21 Female) attended the Competition.

### **v. Brief Summary of Events/ Sessions**

"Competition on Molecular Biology and Techniques." was arranged on the occasion of International Microorganism Day. The Competition was inaugurated with the auspicious hands of respected Principal Dr .Mahadev Gavhane sir in presence of vice principals Prof. S.N. Shinde, Prof. K. G. Maske, Head dept. of Microbiology and Mr. Somanath Hunde President of MICROBIOL association.

Various topics related to the essential role that microorganisms play, molecular biology topics and advance molecular biology techniques, r- DNA Technology were presented by participants through posters. Posters were examined by expert judges, Dr. Dnyeswar Rathod and Dr. K. I. Momin. All members of organizing committee, Prof. Ms. S. S. Patil, Prof. Ms. P.D. Mane, Prof. Ms. S.S. Deshpande, Ms. A.B. Dhaigude were present.

### **vi. Conclusion, with Feedback on the International Microorganism Day and Competition**


Celebration of the International Microorganism Day. raised awareness among students in general on the essential role that microorganisms play in our health, environment and quality of life, as well as of their biotechnological potential. "Competition on Molecular Biology and Techniques." Enriched knowledge of the students, developed presentation skills and self-confidence of participants.

**vii. Any Appendix If Necessary**

List of participants attached

Date: 20.09.2022

  
Signature of HoD  
**HEAD**  
Dept. of Microbiology  
Rajarshi Shahu Mahavidyalaya  
LATUR - 413 512

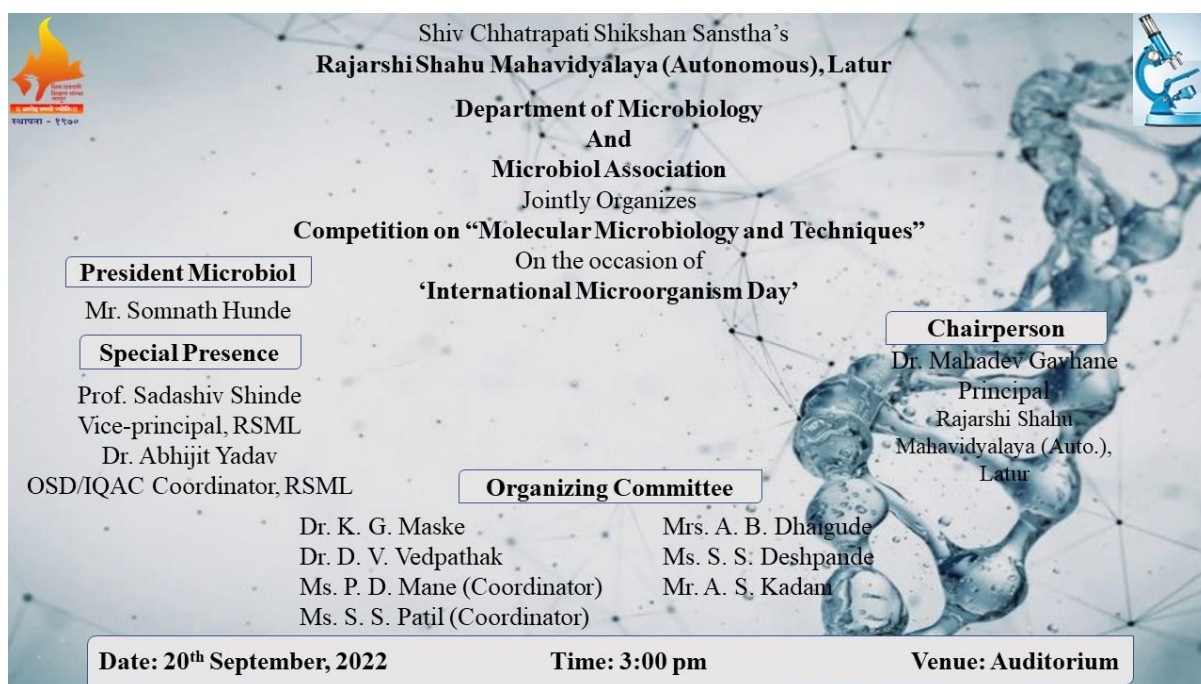
  
Principal  
**PRINCIPAL**  
Rajarshi Shahu Mahavidyalaya  
(Autonomous), Latur



### C) Geotagged Photographs/ Screenshots

 <p>A group of students in pink uniforms are standing around a table, presenting their posters to visitors. The room has large windows and a red banner in the background.</p> <p><b>Latur, Maharashtra, India</b>  shahu complex, 9HXH+6VC, Gandhi Chowk, Jay  Nagar, Sawe Wadi, Latur, Maharashtra 413512, India  Lat 18.398037°  Long 76.579656°  20/09/22 04:36 PM GMT +05:30</p>	 <p>A participant is pointing at a poster on a wall, explaining it to two men, Prof. S. N. Shinde and Dr. K. G. Maske. A woman is also present. The room has large windows and a red banner in the background.</p> <p><b>Latur, Maharashtra, India</b>  shahu complex, 9HXH+6VC, Gandhi Chowk, Jay  Nagar, Sawe Wadi, Latur, Maharashtra 413512, India  Lat 18.398095°  Long 76.579728°  20/09/22 05:20 PM GMT +05:30</p>
<p>Student participants presenting their posters to the visitors</p>	<p>Participant explaining their posters to Respected Vice-principal Prof. S. N. Shinde and HoD Dr.K.G.Maske</p>
 <p>Students are sitting at a table, explaining their ideas through posters to visitors. The room has large windows and a red banner in the background.</p> <p><b>Latur, Maharashtra, India</b>  Old Railway Compound, 9HXH+5WW, MG Rd,  Jay Nagar, Sawe Wadi, Latur, Maharashtra  413512, India  Lat 18.397721°  Long 76.579637°  20/09/22 04:36 PM GMT +05:30</p>	 <p>A large group of students and staff are posing for a group photo in front of a red banner. The room has large windows and a red banner in the background.</p> <p><b>Latur, Maharashtra, India</b>  Near BSNL Office, 9HXH+6WH, Rajshri Shahu Market,  Jay Nagar, Sawe Wadi, Latur, Maharashtra 413512, India  Lat 18.3981°  Long 76.579897°  20/09/22 05:43 PM GMT +05:30</p>
<p>Students explaining their idea through posters</p>	<p>Group photo with all the participants</p>

D) Brochure of the Program :



Shiv Chhatrapati Shikshan Sanstha's  
**Rajarshi Shahu Mahavidyalaya (Autonomous), Latur**  
**Department of Microbiology**  
**And**  
**Microbiol Association**  
Jointly Organizes  
**Competition on "Molecular Microbiology and Techniques"**  
On the occasion of  
**'International Microorganism Day'**

**President Microbiol**  
Mr. Somnath Hundre

**Special Presence**  
Prof. Sadashiv Shinde  
Vice-principal, RSML  
Dr. Abhijit Yadav  
OSD/IQAC Coordinator, RSML

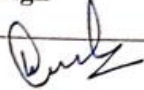

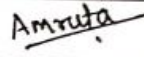
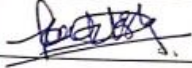
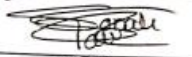

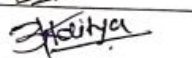
**Chairperson**  
Dr. Mahadev Gavhane  
Principal,  
Rajarshi Shahu  
Mahavidyalaya (Auto.),  
Latur

**Organizing Committee**  
Dr. K. G. Maske  
Dr. D. V. Vedpathak  
Ms. P. D. Mane (Coordinator)  
Ms. S. S. Patil (Coordinator)  
Mrs. A. B. Dhaigude  
Ms. S. S. Deshpande  
Mr. A. S. Kadam

**Date: 20<sup>th</sup> September, 2022**      **Time: 3:00 pm**      **Venue: Auditorium**

**Rajarshi Shahu Mahavidyalaya (Autonomous), Latur**  
Department of Microbiology  
**International Micro-organism Day:**  
**"Competition on Molecular Biology and Techniques"**  
**Teachers List**

Date: 20<sup>th</sup> September 2022

Sr. No.	Name Of Teacher	Gender	Sign
1.	Dr. K. G. Maske	Female	
2.	Dr. D. V. Vedpathak	Male	
3.	Mrs. A. B. Dhaigude	Female	 Amruta
4.	Ms. P. D. Mane	Female	
5.	Ms. S. S. Patil	Female	
6.	Ms. S. S. Deshpande	Female	
7.	Mr. A. S. Kadam	Male	 Hemant



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

Microbiol Association

Jointly Organized


"Poster and Model Presentation Competition"


Date : 20.09.2022

List Of Participants

Sr. No.	Poster No.	Name of Participant	Topic
1	1	Bande Karmpal Vilas	Translation
2	2	Ghogare Pratiksha S.	PBR322
3	3	Hodge Asawari Sainath	Yeast Integrative Vector
4	4	Patil pratiksha Umesh	SV40 vector
5	5	Landge sneha Pandurang	ColEI Plasmid.
6	6	Mane Anjali Balasaheb	Bacteriophage lambda vector
7	7	Yemkar akanksha A.	Nested PCR
8	8	Kadkanje Mamta M.	Design of Primer
9	9	Kalme Gitashree R.	BAC vector
10	10	Kachare Mohini V.	Inverse PCR
11	11	Yeste Rutuja M.	Cosmid Vector.
12	12	Dane Shweta V.	YAC Vector
13	13	Kapse Akshata N	PUC-19 vector
14	14	Shinde Swapnriya V.	SV40 vector.
15	15	Kamble Dhondudadya L.	PUC-18 vector.
16	16	<del>Erur</del>	
17	17	Mashette Rushikesh A.	RT-PCR.
18	18	Patne Shailesh Suresh	Sanger sequencing.
19	19	Rajput Pauthvisinha Bhaskar Singh	Pi derived artificial chromosome
20	20	Parale Gahininath Tukaram	Real time PCR
21	21	Deshatkar Rahul Ram	Maxam Gilbert Method
22	22	Salunke Shailesh Balaji	Retrovirus.
23	23	Panchal Balaji Gopal	Shuttle vector
24	24	Patil Vishnu Dilip	BAC Vector
25	25	Suryawanshi Sanjay R.	Expression vector
26	26	Joshi Akanksha	DNA structure
*27	27	Barge Pratiksha S.	Topoisomerase II

28	28	Kadam Aditya Anil	Protein Structures - 3D
29	29	Harne shivam Subhash	Pyrosequencing
30	30	Hunde Somnath Madhavrao	Northern Blotting
31	31	Kumthekar Rushikesh R.	Southern Blotting
32	32	Joshi Shrutti Sharad	pbluescript sk Vector
33	33		
34			
35			
36			
37			

  
 Signature of HoD  
**HEAD**  
 Dept. of Microbiology  
 Rajarshi Shahu Mahavidyalaya  
 LATUR - 413 512

  
 Principal  
**PRINCIPAL**  
 Rajarshi Shahu Mahavidyalaya  
 (Autonomous), Latur

