



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

**Department of Biotechnology**

**A) A Summary Report**

1) Title of Programme:		National Seminar on CRISPER Technology and Its Application		
2) Name of Organizing Department/Unit:		Biotechnology		
3) Name of the Coordinator(s)/ Convener(s)/ Organizer(s) of the Programme:		Chair Person- Dr. M. H. Gavhane Vice-Principal- Dr. A. J. Raju Vice-Principal- Prof. S.N. Shinde Head Dr. S. S. Kulkarni Convener- Mr. S. D. Kadam Organizing Secretary- Dr. R. B. Ade		
4) Date(s) of the Programme:		22/10/2021		
5) Venue/Mode		Online (ZOOM Platform)		
6) Target Group:		UG and PG		
7) Number of Participants:		<b>Male</b>	<b>Female</b>	<b>Total</b>
A separate list with signatures be maintained in the department/Unit)	Teaching	22	13	35
	Non-Teaching	00	00	00
	Students	107	187	294
8) Name(s) and details of Resource Person(s), if any:		Dr. G. H. Kathwate, Assistant Professor Department of Biotechnology Savitribai Phule Pune University, Pune		
9) Total Expenditure for the Programme:		Nil		
10) Source of Funding:		Not Applicable		

## **B) Report**

**i. Title:** National Seminar on CRISPER Technology and Its Application

**ii. Introduction:**

The CRISPR-Cas9 system has a wide diversity of applications. In medicine, it has been applied in research related to cancer, virus infections, genetic diseases and detection of pathogens. CRISPR are found in approximately 50% of sequenced bacterial genomes and nearly 90% of sequenced archaea. This is new and advance technique, to introduce about the new approach in Life sciences department of biotechnology has organizes one-day national seminar on CRISPR-Cas9. Department of Biotechnology organized one-day National seminar which helps students of Life sciences to understand the technology, its working and application in research.

**iii. Objective of Seminar**

- To create awareness about new technology in Lifesciences.
- To motivate and orient student towards research in Lifesciences.
- To provide a platform where student can clear their doubts and queries.

**iv. Details of Participants**

329 Participants (Male 129 and Female 200) attended the seminar.

**v. Brief Summary of Events/Session**

Department of Biotechnology and food processing technology organize one-day National Seminar on CRISPER Technology and Its Application. Dr. G. H. Kathwate Assistant Professor Department of Biotechnology Savitribai Phule Pune University, Pune deliver lecture on Cas 9 a new approach in life sciences. Dr. G.H.Kathwate sir explains CRISPR (an acronym for clustered regularly interspaced short palindromic repeats) is a family of DNA sequences found in the genomes of prokaryotic organisms such as bacteria and archaea. He also highlighted the use of CRISPER to detect and destroy DNA from similar bacteriophages during subsequent infections. This seminar is followed by question answer session where student asked their doubts. Dr. M. H. Gavhane Chairperson of the program inaugurated the program, Dr. S. S. Kulkarni head department of Biotechnology introduce department and various activities of department in this pandemic condition. Mr. S. D. Kadam Convener of the program conducted the program, Dr. R. B. Ade proposed vote of thanks. Total 329 participants actively participated in the program.

**vi. Conclusion, with feedback on the Seminar**

The seminar covers the mechanism of CRISPR-Cas9 a new technique in Lifesciences. This seminar benefited to all the students of UG and PG in life sciences who are interested in doing research in medicine, applied sciences such as cancer, virus infections, genetic diseases and detection of pathogens. The participants cleared their doubts and queries.

vii. Any Appendix if Necessary  
List of participants attached  
Date: - 23/10/2021



**HOD**  
**Head**

Department of Biotechnology  
Rajarshi Shahu Mahavidyalaya  
(Autonomous) Latur-413 50



**Principal**  
**PRINCIPAL**

Rajarshi Shahu Mahavidyalaya, Latur  
(Autonomous)

### C) Geotagged Photograph/Screenshots

The image shows a mobile application interface. On the left, there is a vertical list of participants, each with a circular profile picture and a name. The names include SURAJ KADAM, 2 TF Ashlesha Nado RSML, Aditi Kuber, Amit Talange, Anil Swami, Aashish Dhutshete, Ashwin Sankate, Avanti Kore, Bhagyashri Dongrekar, Bhargavi Deshpande, Divya Nagpure, Divyanshvari Kawale, Gitanjali Korale RSML, Jagtap Neta, Kamakshi Farwade, LAKSHAN KARE, Mahima Rathod, Manjyar umtha, Meguri Jadhav, Nayan D Makcedar, Nikhil Venkateshwar Narhate, Parody Bhoosal, Pooja Ashabi, Pooja Bhondarkote, Pooja Mongle, Pooja Zankar, Prajakta Jangme, Pranita sheke, PRATEEKSHA BIRAJDAR, Rajeshree yotale, Ratna Hapale, RUSHIKESH SHINDE, Rutuja Jadhav, sangamashi sajjanshetti RSML, Sanjayram Makacha, Saurabh Adude, Shinde Abhijeet, Sujata Mali, Sujata Panmale, Sureshna Panhar, Sumit More, Supriya Dhoge, swagnati barode, Tinku Pratiksha, Vaishnavi Kanade, Vaishnavi kumbhar, vaishnavi narhate, Vaishnavi Tolmare, Vivek Shinde, Vishi Dhoavale, and Yogesh Kore.

On the right, there is a screenshot of a seminar announcement. The title is "National Level Seminar on CRISPR Technology and It's Application". The organizing institution is "Rajarshi Shahu Mahavidyalaya (Autonomous), Latur", Department of Biotechnology. The seminar is titled "CRISPR Technology and It's Application". The date is 22th Oct - 2021, and the time is 11:00 A.M. A telegram group link is provided for further communication: <https://t.me/joinchat/g2aMIs22UsRNjFI>.

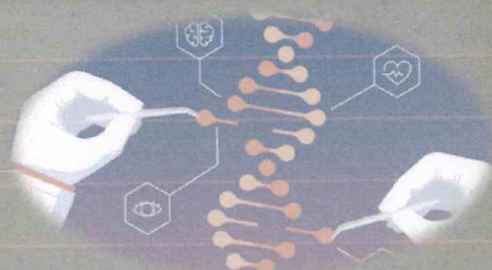
## D) Broacher of the Seminar

Shiv Ghatrapati Shikshan Sanstha's  
**Rajarshi Shahu Mahavidyalaya (Autonomous), Latur**  
Department of Biotechnology  
Organizes  
National Seminar on  
**CRISPER technology and its application**

**Resource Person**  
**Dr. G.H.Kathwate**  
Assistant Professor  
Department of Biotechnology Savitribai  
Phule Pune University, Pune

**Date:-** 22/10/2021  
**Mode:-** Online ZOOM  
**Join Zoom Meeting**  
<https://us02web.zoom.us/j/82254312626?pwd=enU2WXRIMnZFT3U4bktxQzVsbXp3dz09>  
**Meeting ID:** 822 5431 2626  
**Passcode:** rsml

**Chair Person-** Dr. M.H.Ghavane  
**Vice-Principal-** Dr. A.J.Raju  
**Vice-Principal-** Prof. S.N. Shinde  
**Head** Dr.S.S.Kulkarni  
**Convener-** Mr.S.D.Kadam  
**Organizing Secretary-** Dr.R.B.Ade



### Schedule

- 11:00---Welcome program
- 11:05---inauguration of program by Dr S.S.Kulkani
- 11:15---introduction to guest by Dr R.B.Ade
- 11:20--Guest lecture by Dr G.H.Kathwate
- 12:20--question answer session by Mr.A.J.Waghmare
- 12:30--Vote of thanks by Miss K.N.Dhule

### Join Zoom Meeting

<https://us02web.zoom.us/j/82254312626?pwd=enU2WXRIMnZFT3U4bktxQzVsbXp3dz09>

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