



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

Department of Biotechnology

A) Summary Report

1) Title of Programme:		Capacity Enhancement Skills on CRISPR/Cas9: A tool for genome editing in plants		
2) Name of Organizing Department/Unit:		Department of Biotechnology		
3) Name of the Coordinator(s)/ Convener(s)/ Organizer(s) of the Programme:		Convener: Dr. S. S. Kulkarni Coordinator: Ms.S.R.Surwase		
4) Date(s) of the Programme:		30 th January 2021		
5) Venue/ Mode:		Online Microsoft Team Platform		
6) Target Group:		M. Sc. Biotechnology I yr.		
7) Number of Participants:		Male	Female	Total
A separate list with signatures be maintained in the department/Unit)	Teaching	02	02	04
	Non-Teaching	00	00	00
	Students	31	35	66
	Total	33	37	70
8) Name(s) and details of Resource Person(s), if any:		Dr. Vidya R Hinge, Assistant Professor, Department of Plant Biotechnology, Vilasrao Deshmukh College of Agriculture Biotechnology, Latur		
9) Total Expenditure for the Programme:		NIL		
10) Source of Funding:		Not Applicable		

B) Report

i. Title

Capacity Enhancement Skills on CRISPR/Cas9: A tool for genome editing in plants.

ii. Introduction

The guest lecture has been organized on dated January 30, 2021 on "CRISPR/Cas9: A tool for genome editing in plants" The guest speaker was Prof. Dr. Vidya R Hinge, Assistant Professor, Department of Plant Biotechnology, Vilasrao Deshmukh College of Agriculture Biotechnology, Latur. This Capacity Enhancement Skills aims to help students to get knowledge about the CRISPER/CAS9 tool for genome editing in plants and understand its industrial and research applications in the Agriculture and allied sectors.

iii. Objectives of the Programme/ issues addressed

- To make students aware of recent advancement in Plant Biotechnology.
- To connect students with expertise in the CRISPR/Cas9 technology.
- To make understand industrial and research applications CRISPR/Cas9 in the area of Agriculture and allied sectors.

iv. Details of Participants

70 participants (33 Male and 37 female) participants attended the Programme.

v. Brief Summary of Events/ Sessions

Ms. Shilpa R Surwase welcomed the guest and introduced about research and academic contribution of Dr. Hinge to students. Dr. Hinge delivered her session of around 01 Hour where she explained the CRISPR/Cas9 technology and its application in Plant Biotechnology. She also elaborated mechanism of genome editing with the help of CRISPR/Cas9 technology. Students thoroughly enjoyed her talk and asked many doubts at the end of her lecture. Finally, Ms. M. A. Dhotre thanked guest and students for presence and participation.

vi. Conclusion, with Feedback on the Programme

Currently, field of Biotechnology is going through a lot of advancements. CRISPR/Cas9 technology is one of such inventions strengthening plant breeding program throughout the world. Dr. Vidya Hinge is one the pioneer applicants of this technology in our region. The students received good knowledge regarding this technology and its applications in industry as well as research field. The acquaintance of CRISPR/Cas9 technology can help

to enhance Plant biotechnology skills among PG students. This program will also help students to explore career in CRISPR/Cas9 technology industries.

vii. Appendix: List of Participants

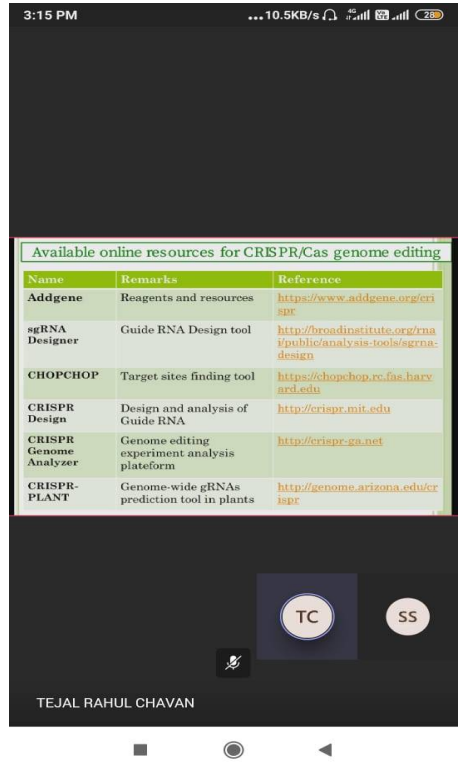
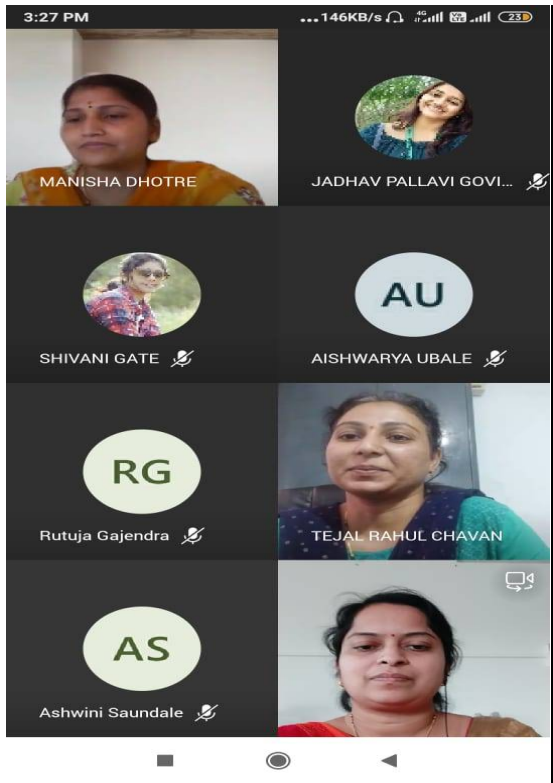
Date: 31.01.2021


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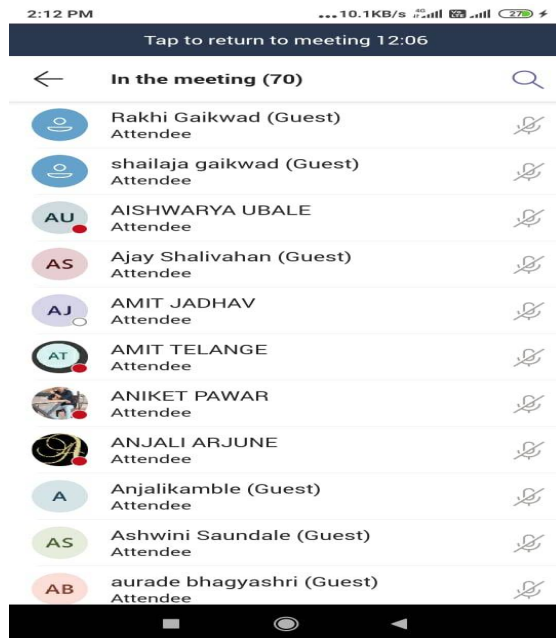

Principal
PRINCIPAL
Rajarshi Shahu Mahavidyalaya
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C) Geotagged Photographs/ screenshots:



Dr. Hinge delivering the talk by sharing her presentation



Screenshot of attendees

D) Brochure of the Program:



**Shiv Chhatrapati Shikshan Sanstha's
Rajarshi Shahu Mahavidyalaya (Autonomous), Latur
Department of Biotechnology
Organizes
Capacity Enhancement Skills
on**

"CRISPR/Cas9: A tool for genome editing in plants"

Resource Person

Dr. Vidya R Hinge,

**Assistant Professor, Dept of Plant Biotechnology,
Vilasrao Deshmukh College of Agriculture Biotechnology, Latur**

Date: 30/01/2021

Time: 2:00 PM

Rajarshi Shahu Mahavidyalaya (Autonomous), Latur

Capacity Enhancement Skills on CRISPR/Cas9: A tool for genome editing in plants


List of Participants

Sr. No.	Name of Participants	Gender	Designation
1.	Achawale Shivam Madhav	Male	Student
2.	Adde Shubham Siddheshwar	Male	Student
3.	Aurade Bhagyashri Rajendra	Female	Student
4.	Badole Sunil Ningappa	Male	Student
5.	Bansode Ankita Anantrao	Female	Student
6.	Bansode Rutika Mahadev	Male	Student
7.	Bembade Sujata Dattatraya	Female	Student
8.	Bhosale Vaishali Nagurao	Female	Student
9.	Bhujbal Pallavi Siddhaling Suresh	Female	Student
10.	Chandrabansi Maahi Rajendralal	Female	Student
11.	Dandime Rushikesh Ramchandra	Male	Student
12.	Devkule Shital Balaji	Female	Student
13.	Dhone Vijaya Shivaji	Female	Student
14.	Gaikwad Om Pralhad	Male	Student
15.	Gaikwad Raveena Govind	Female	Student
16.	Gajendra Hrutuja Keshav	Female	Student
17.	Gavali Vitthal Ajay	Male	Student
18.	Gawali Dattatray Jivanrao	Male	Student
19.	Gaware Aniket Hanumant	Female	Student
20.	Gunale Pratiksha Suryakant	Male	Student
21.	Hiremth Karabasayya Basayya	Male	Student
22.	Jadhav Dnyaneshwari Sayaji	Female	Student
23.	Jadhav Pallavi Govind	Female	Student
24.	Jadhav Shreya Tukaram	Female	Student

25.	Jodtale Shubhangi Pandurang	Female	Student
26.	Joshi Arjun Hanumant	Male	Student
27.	Joshi Kanchan Sudhir	Female	Student
28.	Kale Pratiksha Vilas	Female	Student
29.	Kamble Amrapali Pandurang	Female	Student
30.	Kamble Anjali Sunil	Female	Student
31.	Kamble Maya Shivraj	Female	Student
32.	Karande Rohan Nagnath	Male	Student
33.	Kukale Saurabh Devanand	Male	Student
34.	Kulkarni Manali Shrikant	Female	Student
35.	Kulkarni Manoj Mahesh	Male	Student
36.	Maddewad Rupesh Ramesh	Male	Student
37.	Malang Pranjali Gangadhar	Female	Student
38.	Mali Bhagyashri Murlidhar	Female	Student
39.	Mane Lokesh Shrimant	Male	Student
40.	Mane Pooja Ankush	Female	Student
41.	Mane Puja Jaysing	Female	Student
42.	Naygaonkar Aditi Someshwar	Female	Student
43.	Niturkar Mandar Mahesh	Male	Student
44.	Padampalle Deepali Maroti	Female	Student
45.	Parihar Vijay Singh Uddhavrao	Male	Student
46.	Patil Manoj Mahavir	Male	Student
47.	Patil Nandkishor Dadasaheb	Male	Student
48.	Patil Renuka Ashok	Female	Student
49.	Patil Rohit Dattatraya	Male	Student
50.	Pawar Deepak Dhananjay	Male	Student
51.	Pawar Vishal Balaji	Male	Student
52.	Puri Maheshwari Sanjay	Female	Student

53.	Rankhamb Rushikesh Ramkisan	Male	Student
54.	Rupnar Vaishnavi Gundaji	Female	Student
55.	Sasane Divya Rajkumar	Female	Student
56.	Saudagar Shabbe Hayat Layakh	Male	Student
57.	Shalivahan Ajay Chandrakant	Male	Student
58.	Shinde Ashitosh Kishan	Male	Student
59.	Solanke Tejal Shivdas	Female	Student
60.	Somase Jyoti Hanumant	Female	Student
61.	Swami Rohan Somnath	Male	Student
62.	Tamboli Arbaz Sikandar	Male	Student
63.	Vatte Aditya Suryakant	Male	Student
64.	Wadkar Shreya Uttamrao	Female	Student
65.	Waghmare Priyanka Baban	Female	Student
66.	Wangale Avinash Balaji	Male	Student
67.	Dr. S. S. Kulkarni	Male	Teacher
68.	Ms.S.R.Surwase	Female	Teacher
69.	Dr. M. A. Dhotre	Female	Teacher
70.	Dr. R. B. Ade	Male	Teacher

Date: 31.01.2021


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