



MICROBIOSOCIETY, INDIA
JHARKHAND UNIT
in association with
ST. XAVIER'S COLLEGE, RANCHI
PRESENTS



INTERNATIONAL WEBINAR
ON
MOLECULAR BIOLOGY



CHAIRPERSON:
Dr. SWARANJIT SINGH
(CHAIRMAN BIODIVERSITY,
PRESIDENT MBSI, CHANDIGARH)



KEY SPEAKER 1:
Dr. TANU SHRI
PhD (PLANT
MOLECULAR BIOLOGY)



KEY SPEAKER 2:
Ms. NEHA KASHYAP
(M.Sc. BIOTECHNOLOGY)



STUDENT SPEAKER 1:
Mr. MARUTHU PANDIAN
(MBSI, TAMIL NADU)



STUDENT SPEAKER 2:
Ms. POTDAR
MAYURI RAJENDRA
(MBSI STUDENT UNIT, PUNE)



STUDENT SPEAKER 3:
Ms. AISHWARYA
SHIRSULLA
(MBSI, PUNE)



PATRON:
Dr. Fr. NABOR LAKRA
(PRINCIPAL, St. XAVIER'S
COLLEGE, RANCHI)



CO-PATRON:
Dr. A.M. DESHMUKH
(PRESIDENT, MBSI)



CHIEF ORGANISER:
Dr. AJAY K. SRIVASTAVA
(PRESIDENT, MBSI,
JHARKHAND UNIT)

DATE: 18TH JUNE, 2022 TIME: 6PM - 8PM VENUE: GOOGLE MEET

 [microbiosocietyjhk](https://www.instagram.com/microbiosocietyjhk)  [MSI JHARKHAND](https://www.youtube.com/MSI_JHARKHAND)  microbiosocietyjharkhand@gmail.com



MICROBIOSOCIETY, INDIA
JHARKHAND UNIT
in association with
ST. XAVIER'S COLLEGE, RANCHI
PRESENTS



INTERNATIONAL WEBINAR
ON
MOLECULAR BIOLOGY



CHIEF ORGANISER:
Ms. AROMA AISHWARYA
BARLA
LECTURER



HOST:
ANISHA ROY
ACADEMIC TUTOR



CO-HOST:
MANISHA PANI
MBSI, JHARKHAND



OPENER:
NISHA KUMARI
MBSI, JHARKHAND



VOTER OF THANKS:
KAJAL KUMARI
MBSI, JHARKHAND



ORGANISER:
SHARANYA KARMAKAR
(SECRETARY, MBSI,
STUDENT UNIT)



ORGANISER:
RIYA GUPTA
(PRESIDENT, MBSI,
STUDENT UNIT)

DATE: 18TH JUNE, 2022 TIME: 6PM - 8PM VENUE: GOOGLE MEET

microbiosocietyjkh **MSI JHARKHAND** **microbiosocietyjharkhand@gmail.com**

INTERNATIONAL WEBINAR ON MOLECULAR BIOLOGY

Organized by

MICROBIOSOCIETY, INDIA (JHARKHAND UNIT)

In association with

ST. XAVIER'S COLLEGE, RANCHI.

Held on 18th June, 2022.

From 6:00 P.M. – 8:00 P.M.

Online seminar through Google meet.

Chairperson :- Dr. SWARANJIT SINGH

(Chairman Biodiversity , President MBSI , Chandigarh)

Key Speakers:-

Speaker 1:- Dr. Tanu Shri

(PhD in Plant Molecular Biology)

Speaker 2:- Ms. Neha Kashyap

(M. Sc. Biotechnology)

Student Speakers:-

Speaker 1:- Ms. Potdar Mayuri Rajendra

(MBSI student unit , Pune)

Speaker 2:- Mr. Maruthu Pandian

(MBSI , Tamil Nadu)

Speaker 3:- Ms. Aishwarya Shirsula

(MBSI, Pune)

Patron :- Dr. Fr. Nabor Lakra

(Principal , St. Xavier's College , Ranchi)

Co – Patron :- Dr. A.M. Deshmukh

(President , MBSI)

Chief organizer :- Dr. Ajay K. Srivastava

(President , MBSI , Jharkhand Unit)

Ms. Aroma Aishwarya Barla (Lecturer)

Organisers:-

Riya Gupta (President , MBSI , Student Unit)

Sharanya Karmakar (Secretary , MBSI , Student Unit)

Host :- Anisha Roy (Academic tutor)

Co-host :- Manisha Pani (MBSI , Jharkhand)

Opener :- Nisha Kumari (MBSI , Jharkhand)

Vote of Thanks :- Kajal Kumari (MBSI , Jharkhand)

PROGRAMME SCHEDULE

DATE

18/05/22

01

**INTRODUCTION :
Ms. ANISHA ROY**

02

**PRAYER :
Ms. NISHA KUMARI**

03

**INTRODUCING THE CHAIRPERSON:
Ms. ANISHA ROY**

04

SPEECH BY CHAIRPERSON

05

**THANKING THE CHAIRPERSON &
INTRODUCING STUDENT SPEAKER 1 :
Ms. MANISHA PANI**

PROGRAMME SCHEDULE

DATE

18/05/22

06

SPEECH BY STUDENT SPEAKER 1

07

**THANKING STUDENT SPEAKER 1 &
INTRODUCING STUDENT SPEAKER 2 :
Ms. MANISHA PANI**

08

SPEECH BY STUDENT SPEAKER 2

09

**THANKING STUDENT SPEAKER 2 &
INTRODUCING STUDENT SPEAKER 3 :
Ms. MANISHA PANI**

10

SPEECH BY STUDENT SPEAKER 3

PROGRAMME SCHEDULE

DATE

18/05/22

11 THANKING STUDENT SPEAKER 3 & REQUESTING
AROMA MA'AM TO TAKE IT OVER :
Ms. MANISHA PANI

12 INTRODUCTION & SPEECH BY &
REQUESTING THE KEY SPEAKER :
Ms. AROMA AISHWARYA BARLA

13
SPEECH BY KEY SPEAKER 1

14 THANKING & REQUESTING
KEY SPEAKER 2 :
Ms. AROMA AISHWARYA BARLA

15
SPEECH BY KEY SPEAKER 2

PROGRAMME SCHEDULE

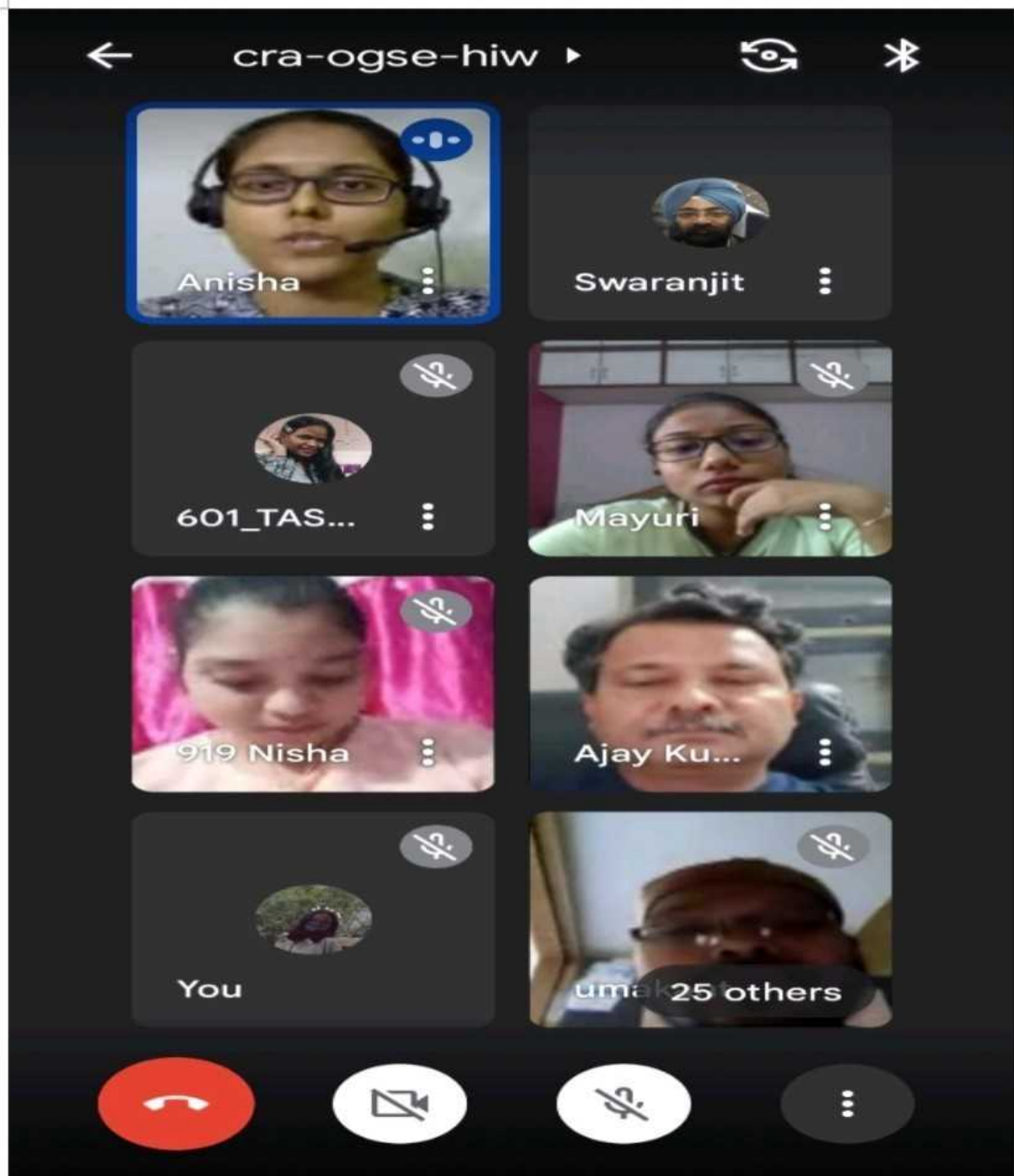
DATE

18/05/22

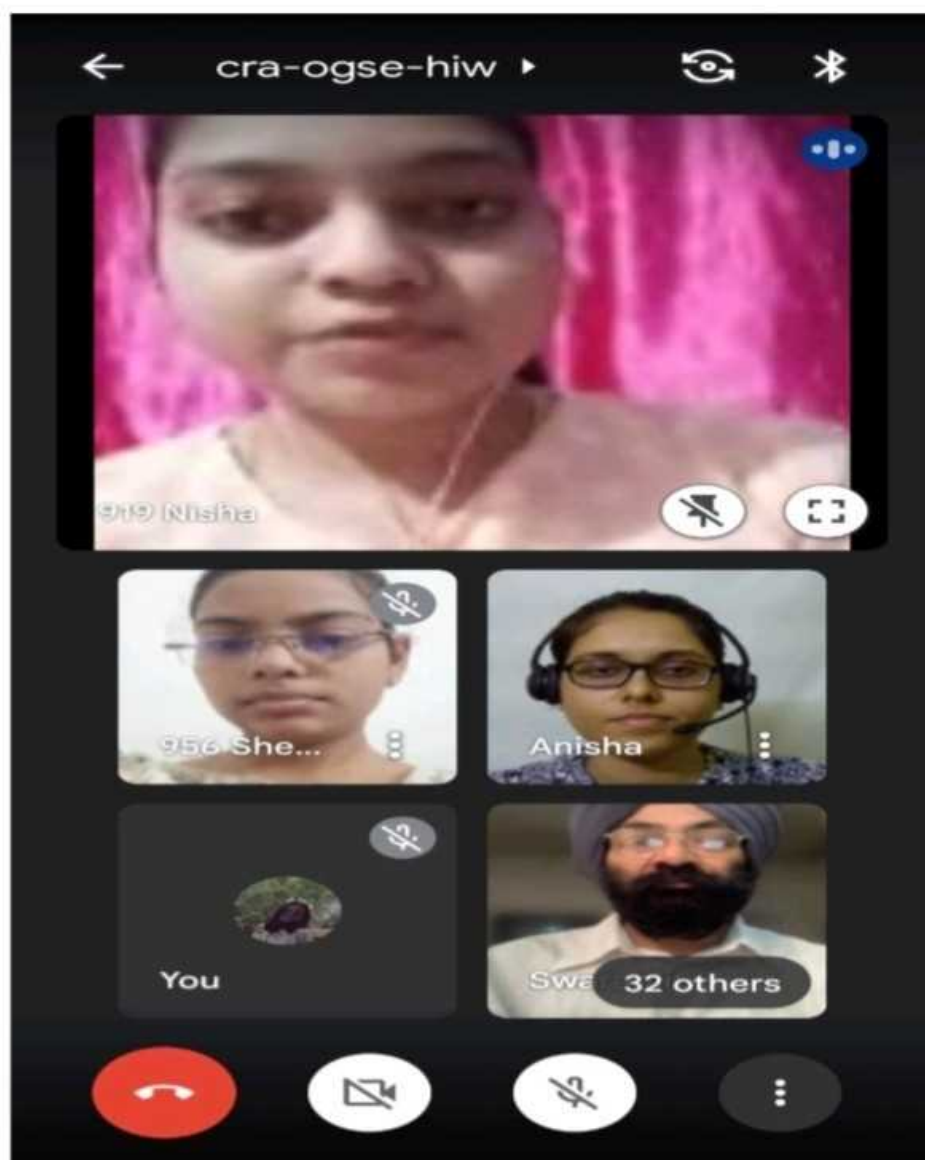
16

**THANKING &
VOTE OF THANKS :
Ms. KAJAL KUMARI**

On 18th June 2022 , an international webinar on the topic “ MOLECULAR BIOLOGY ” was held by MICROBIOSOCIETY INDIA (JHARKHAND UNIT) in association with ST. XAVIER’S COLLEGE , RANCHI . The webinar was smoothly conducted by the chief organizer Ms. AROMA AISHWARYA BARLA (LECTURER) along with her team. The webinar was hosted by Ms. ANISHA ROY (ACADEMIC TUTOR) and Ms. MANISHA PANI (MBSI , JHARKHAND UNIT) .

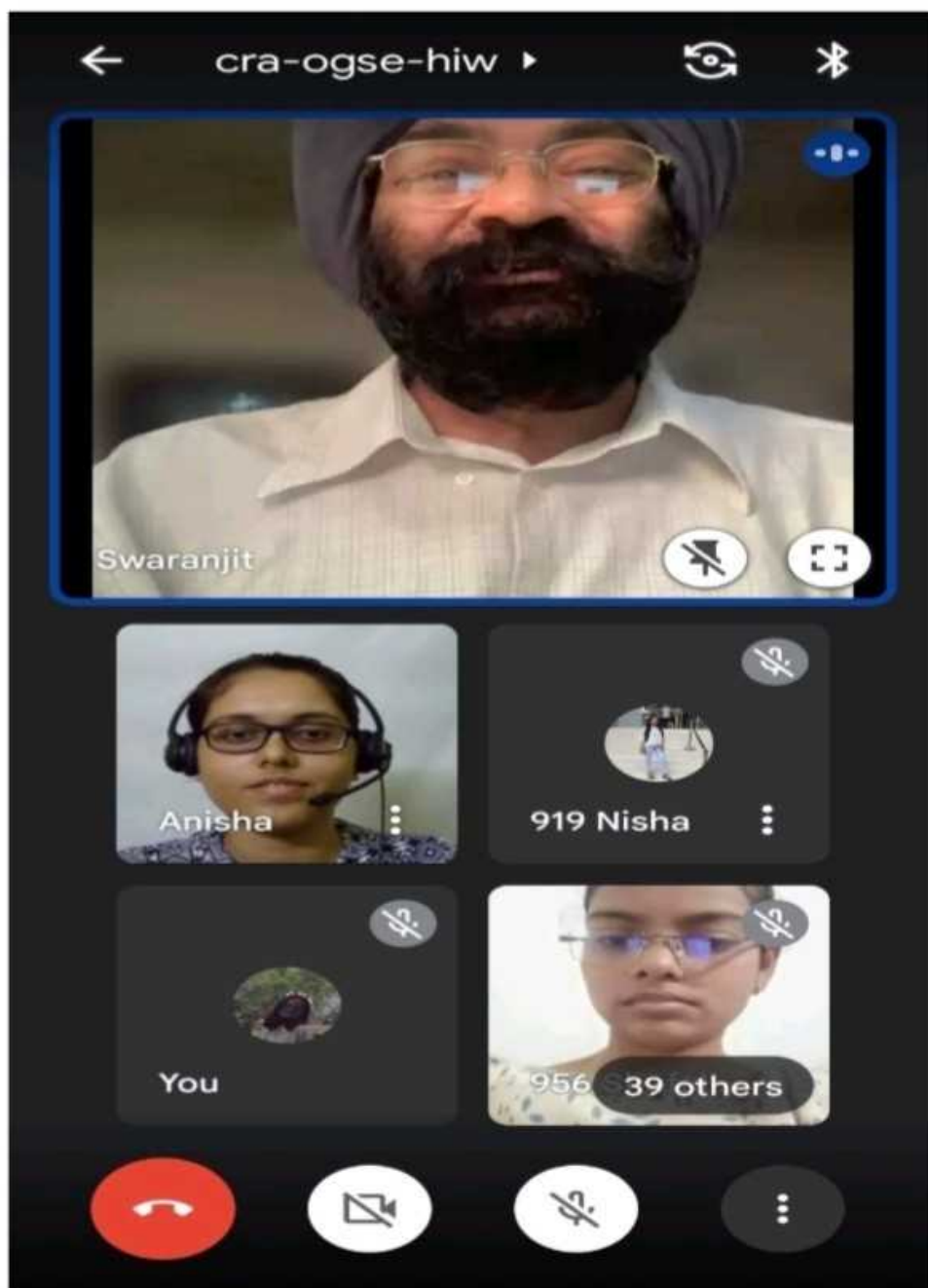


INTERNATIONAL WEBINAR WITH HOST ANISHA ROY
SPEAKING

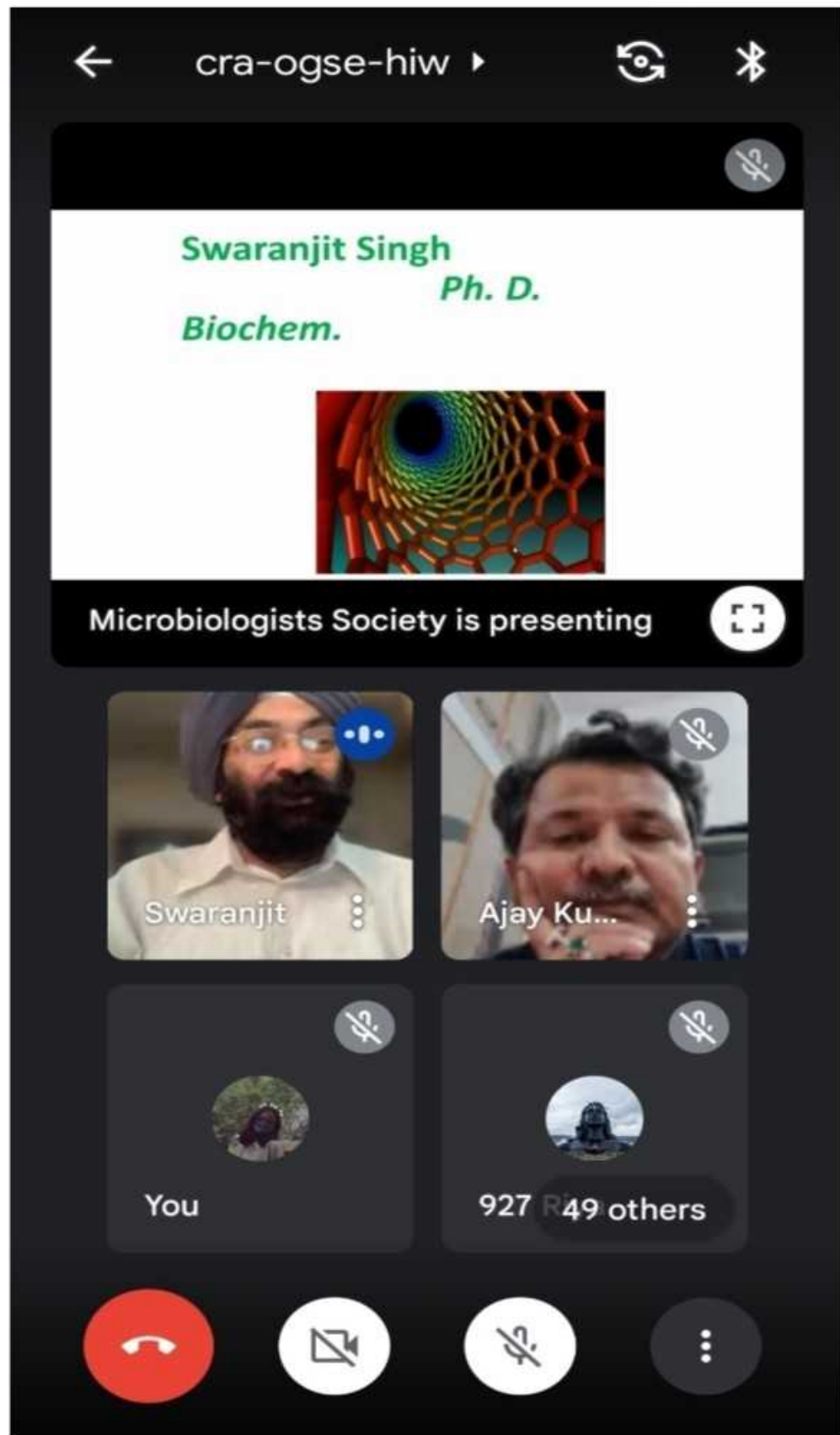


PRAYER BY NISHA KUMARI

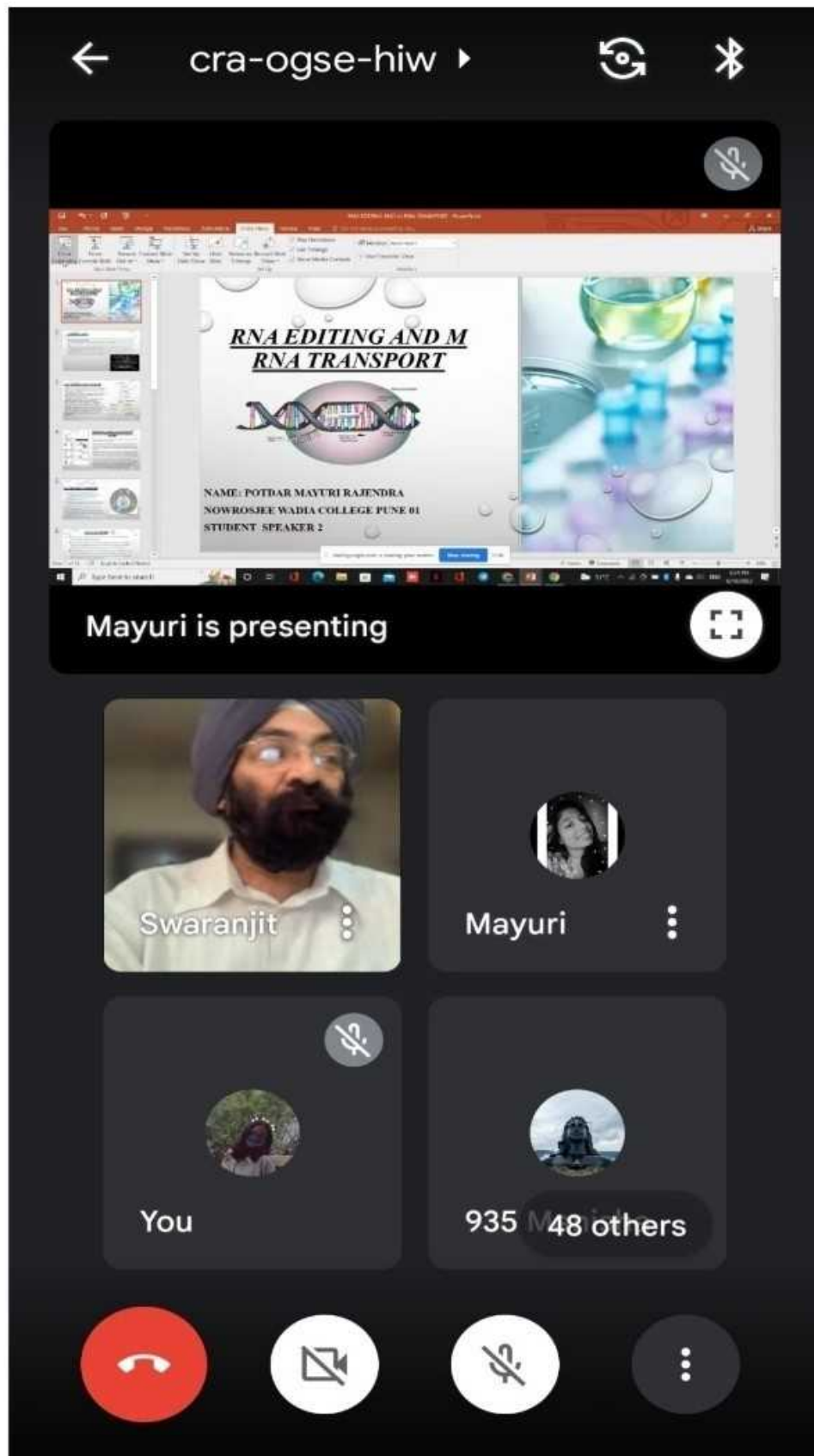
The webinar started with host Ms. Anisha Roy by inviting Ms. Nisha Kumari for a small prayer. After the prayer the host introduce the Chairperson Dr. Swaranjit Singh and the webinar was further continued with a short introduction session about MOLECULAR BIOLOGY by him.



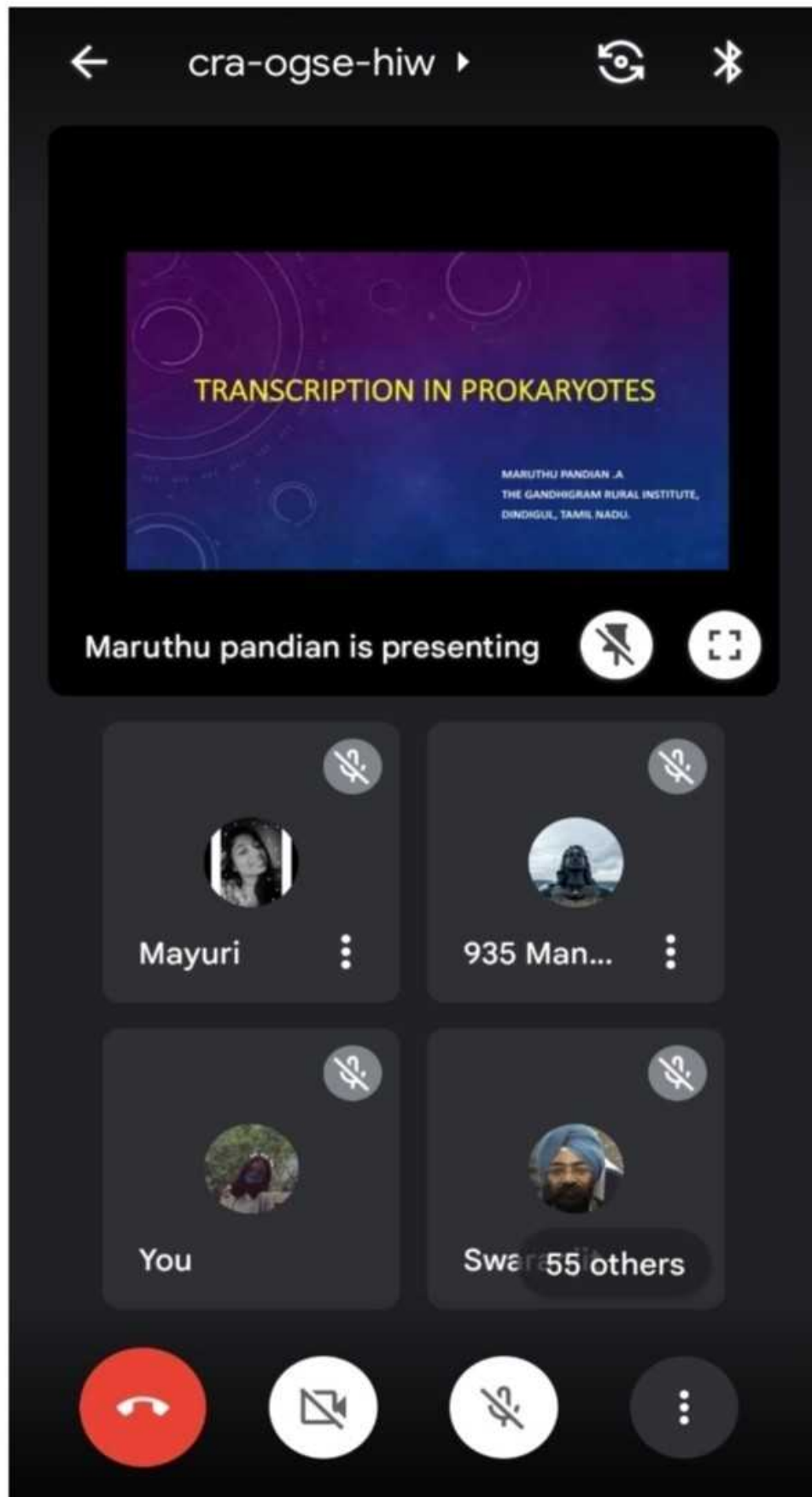
DR. SWARANJIT SINGH DELIVERING HIS SPEECH



DR. SWARANJIT SINGH PRESENTING HIS PRESENTATION



STUDENT SPEAKER 1 PRESENTING HER PRESENTATION



STUDENT SPEAKER 2 PRESENTING HIS PRESENTATION

Press **Esc** to exit full screen.

Split Genes- Concept of Intron and Exon

Aishwarya Shirsulla
Institute of Science
3rd Student Speaker
16/06/2022

next.google.com is sharing your screen. [Stop sharing](#) [Hide](#)

Aishwarya is presenting

935 Manisha

Aishwarya

Aishwarya Shirsulla joined

STUDENT SPEAKER 3 PRESENTING HER PRESENTATION

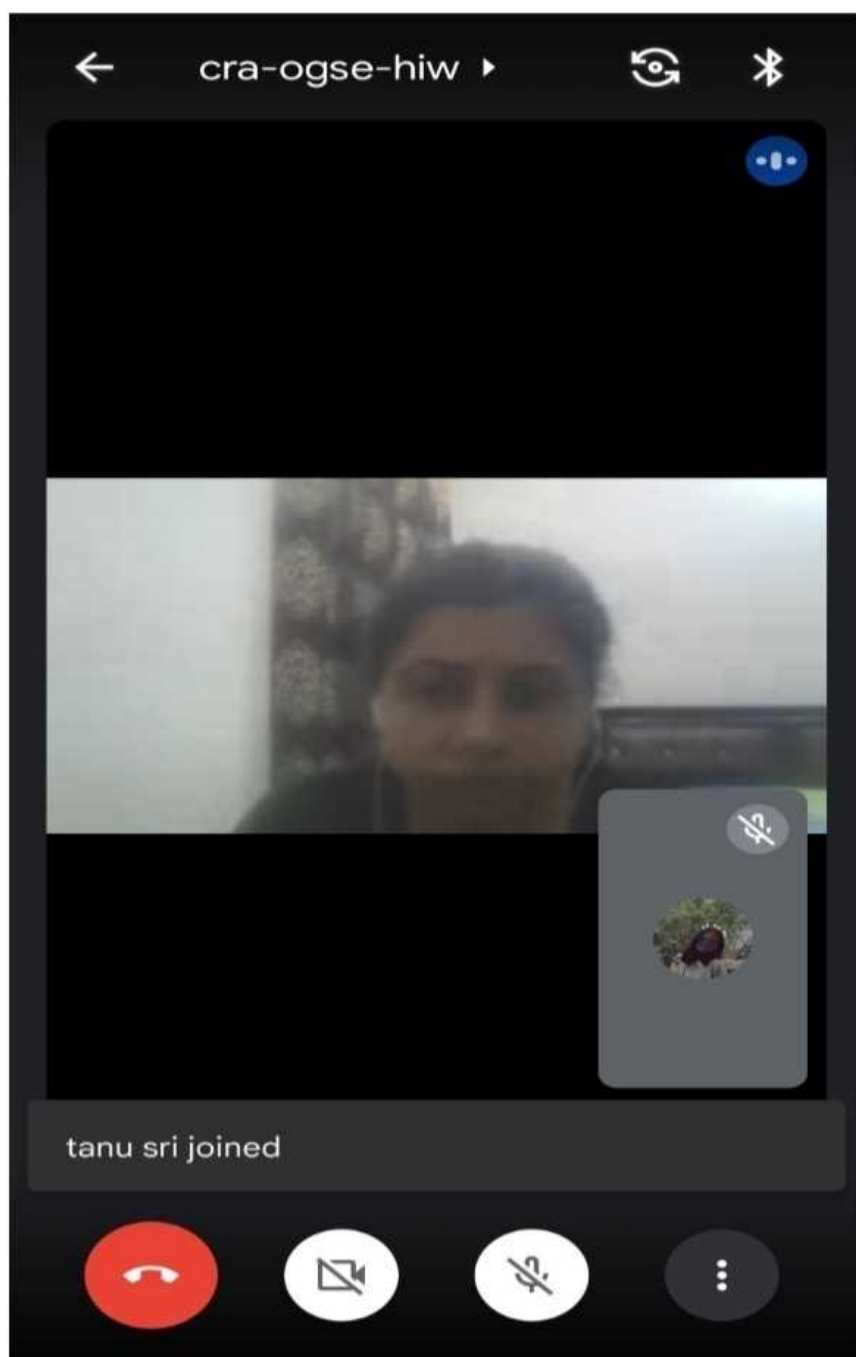
After the short speech and brief introduction given by the chairperson , the presentations prepared by the Student Speakers were shown . All the STUDENT SPEAKERS were introduced by the Co-host Ms. Manisha Pani.

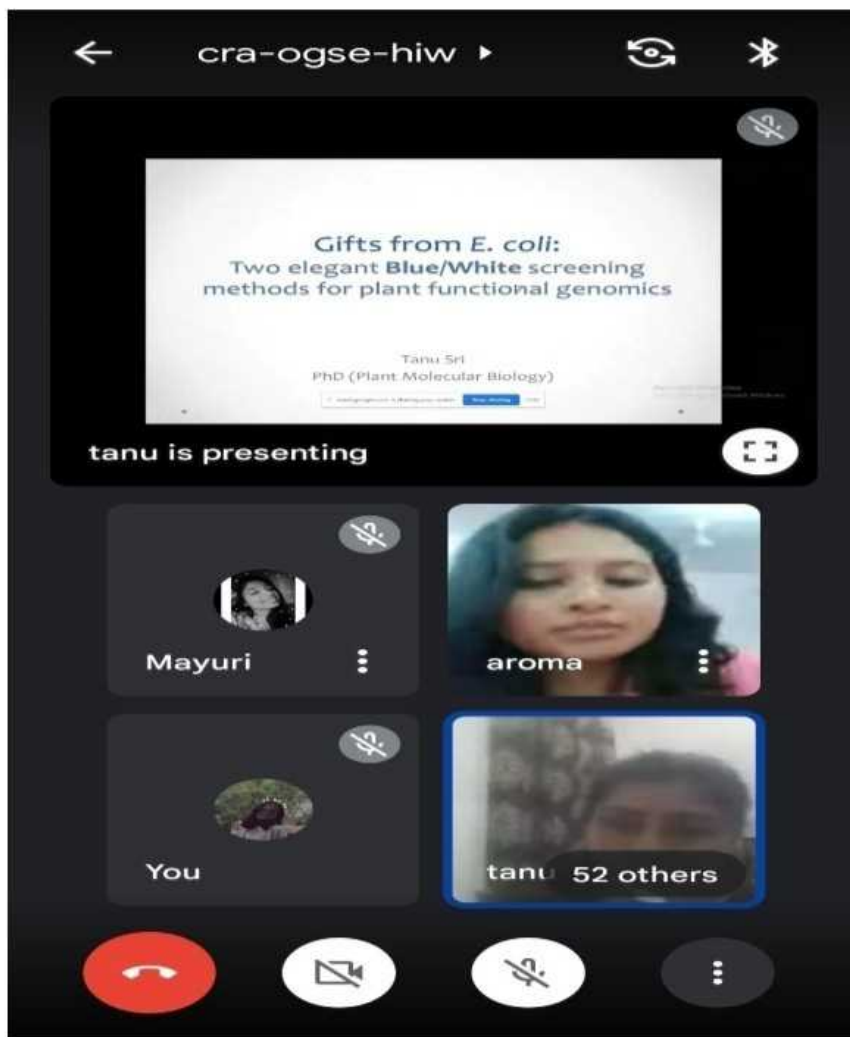
Student Speaker 1:- Ms. Potdar Mayuri Rajendra spoke about RNA and MRNA transport . She emphasized about the role of RNA and MRNA in Biotechnology with her presentation.

Student Speaker 2:- Mr. Maruthu Pandian dealt with the topic Transcription in prokaryotes . He gave us a short glimpse of how transcription occurs inside the cells . How each of it's step leads to formation of new DNA or RNA sequence inside the cell.

Student SPEAKER 3:- Ms. Aishwarya Shirsula discussed about the concept of Split Gene and the concept of Intron and Exon.

After each of the presentation every speaker was thanked . After the completion of the presentations by the Student Speakers the course of the webinar is handed to the chief organizer of the programe Ms. Aroma Aishwarya Barla. The webinar is further proceeded by the introduction of the 1st Key Speaker Dr. Tanu Shri.

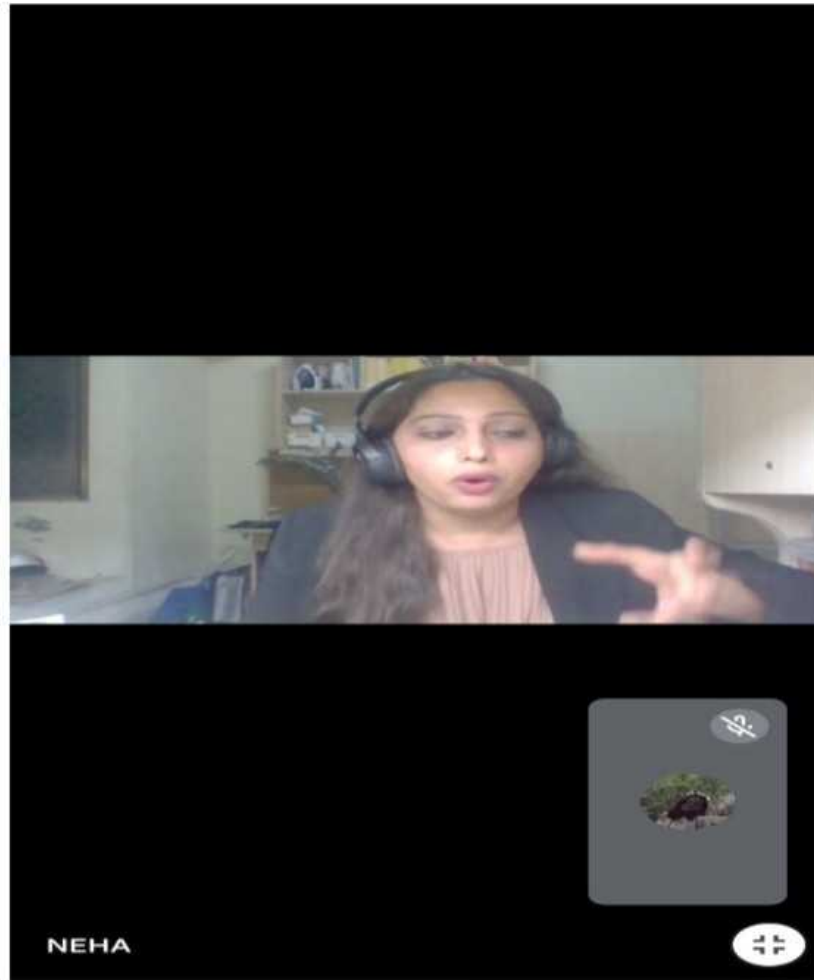




DR. TANU SHRI PRESENTING HER PRESENTATION

Followed by presentation prepared by the key speaker Dr. Tanu Shri . She has done her PhD in Plant Molecular Biology . In her presentation she gave us an enciteful knowledge about *Escherichia coli* and it's gifts. She also discussed about how *Escherichia coli* plays an important role in the field of biotechnology and how it is beneficiary for plants. In her slides she shard about the usage of *Escherichia coli* and how it has brought certain revolution in the field of cloning and addition of new genome which leads to the formation of new variants.

After the ending of the 1st Key Speaker , the webinar is further proceeded by an introduction of 2nd Key Speaker Ms. Neha Kashyap by Ms. Aroma.

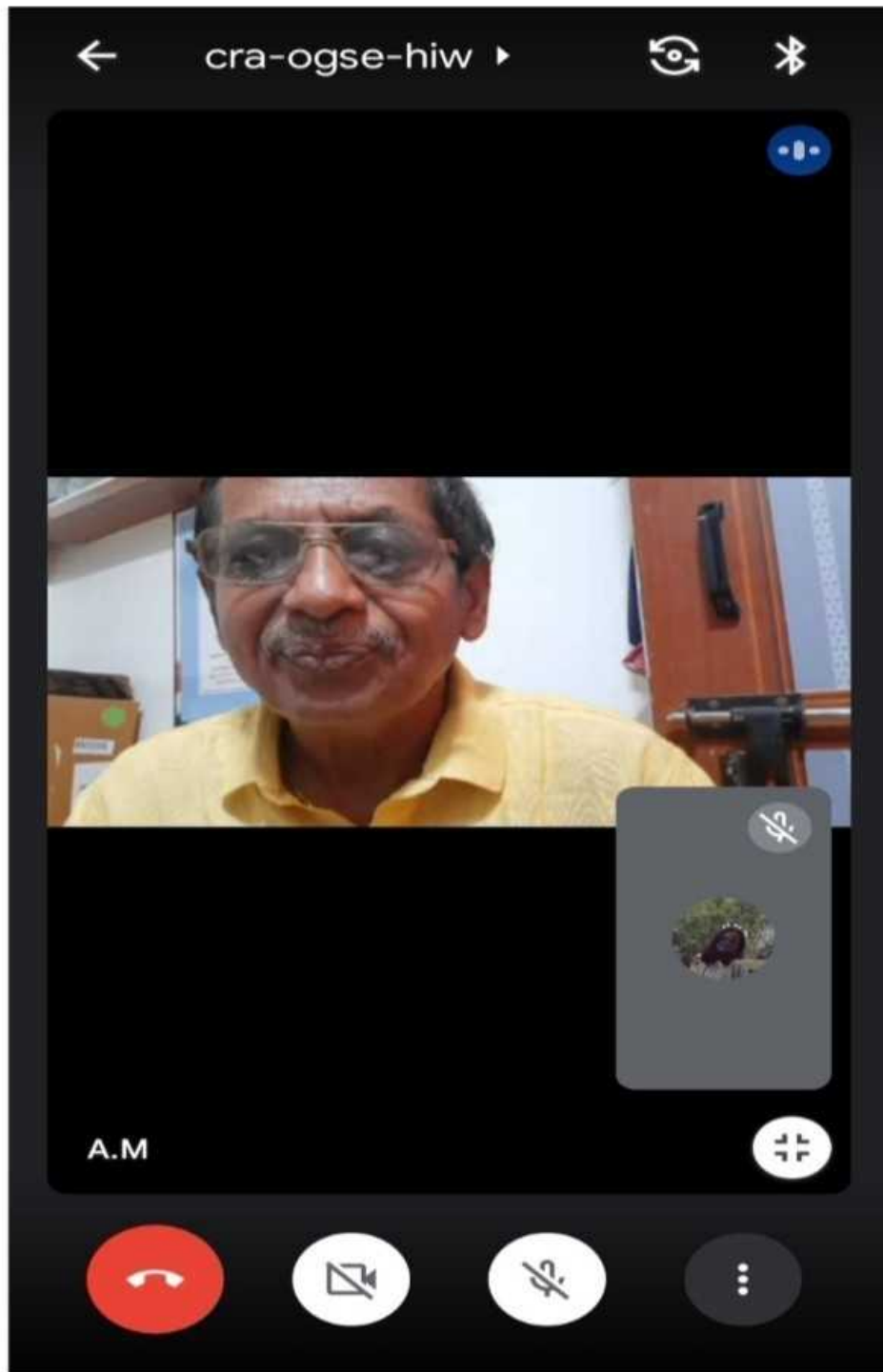


MS. NEHA KASHYAP DELIVERING HER SPEECH

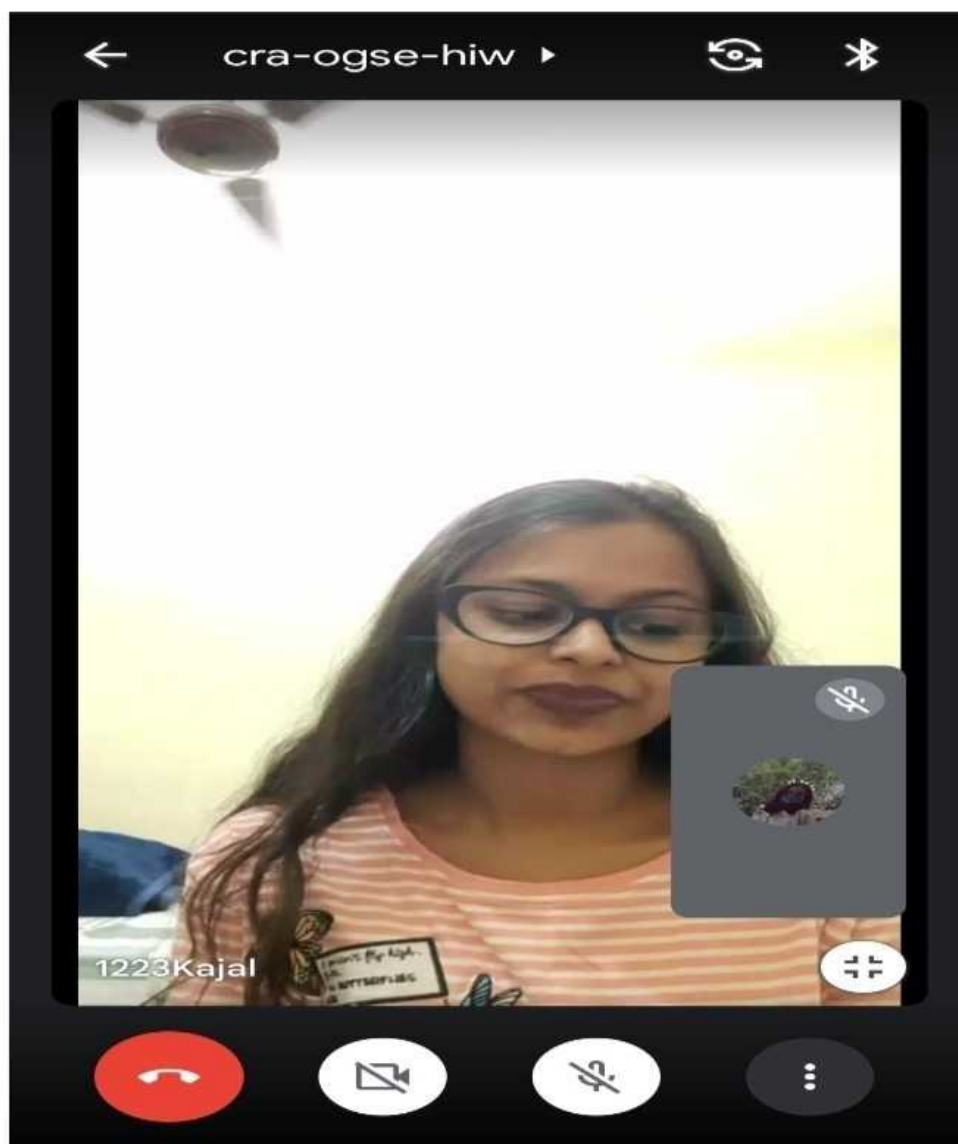


MS. NEHA PRESENTING HER PRESENTATION

After the brief introduction, presentation prepared by Ms. Neha Kashyap is presented . She did her M.Sc. in Biotechnology from Ranchi University and is currently pursuing her PhD from Institute Of Plant Biology National Taiwan University , Taiwan . In her presentation she talked about *Escherichia coli* and it's uses in genetic engineering , her topic mainly focused on the genome sequence of Lactose Operon and it's metabolism. She also shared some of her experience when she was a student.



DR. A.M. DESHMUKH DELIVERING HIS SPEECH



VOTE OF THANKS BY KAJAL KUMARI

Atlast, the webinar ended with reviews from our co-patron Dr. A. M. Deshmukh. In his speech he expressed his gratitude towards all the speakers. He also stated the fact that how through this webinar we are gaining knowledge from around the world.

The chairperson Dr. Swaranjit Singh also said a few words regarding the webinar and how successful it was. The Chief Organizer Dr. Ajay K.

Srivastava in his speech expressed his happiness with the success of the webinar.

At the end the webinar was concluded by vote of Thanks by Kajal Kumari (MBSI, JHARKHAND).

YouTube link :- <https://youtu.be/87zm-UQKqhU>