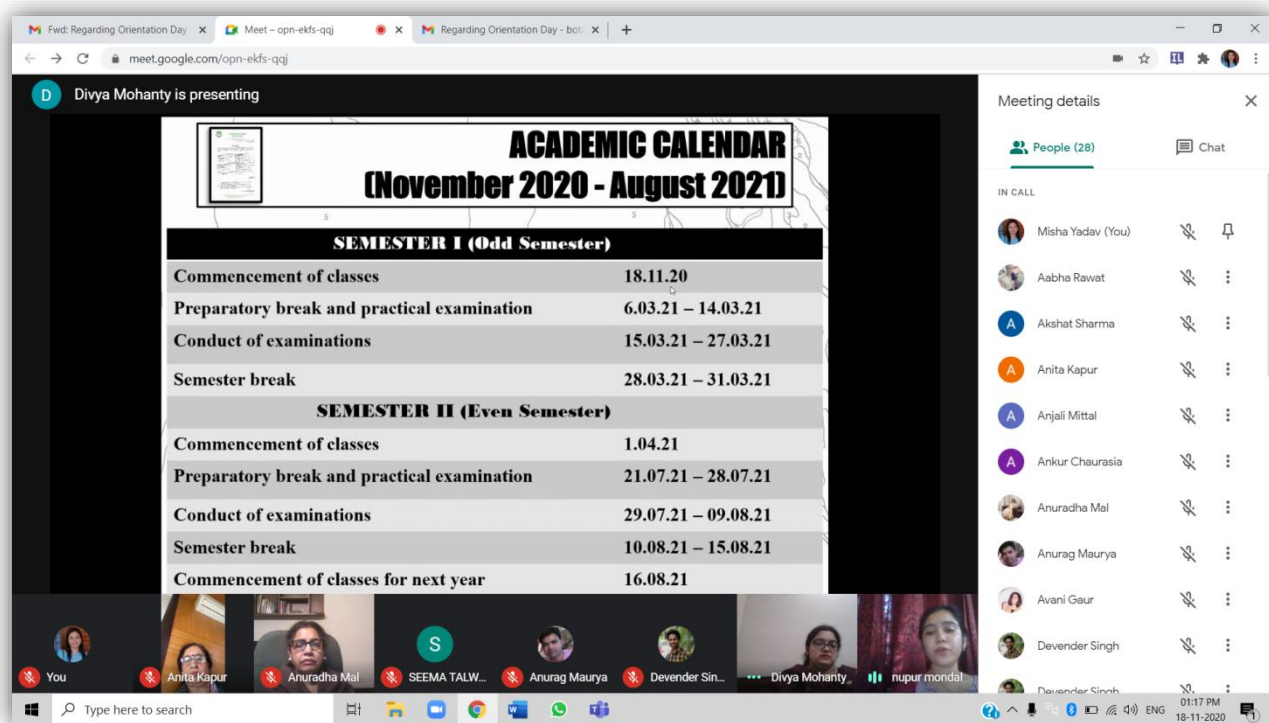


## Botanical Society: *FRAGRANCE*

The Botanical Society "Fragrance" is one of the most active societies of the College. It has organised state and national level conference wherein eminent scientists across the country have delivered lectures. It has also conducted competitions and activities for students that are aimed at developing the aptitude and practical knowledge of students in not only botanical sciences but also in various other aspects. The Society organises botanical excursions every year to apprise the students of flora in nearby and other reputed locations.

### Activities:

#### STUDENT'S ORIENTATION PROGRAM (November 18, 2020)



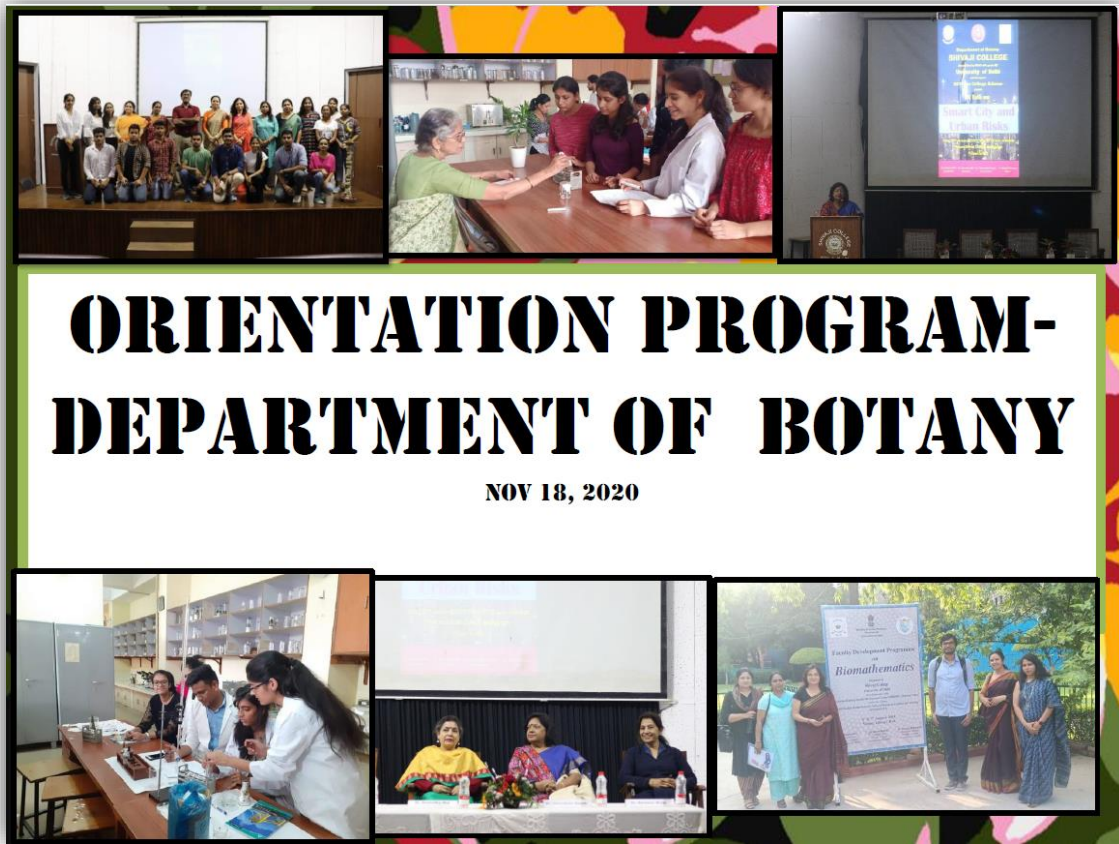
The screenshot shows a Google Meet window with a presentation slide titled "ACADEMIC CALENDAR (November 2020 - August 2021)". The slide is divided into two semesters:

SEMESTER I (Odd Semester)	
Commencement of classes	18.11.20
Preparatory break and practical examination	6.03.21 – 14.03.21
Conduct of examinations	15.03.21 – 27.03.21
Semester break	28.03.21 – 31.03.21

SEMESTER II (Even Semester)	
Commencement of classes	1.04.21
Preparatory break and practical examination	21.07.21 – 28.07.21
Conduct of examinations	29.07.21 – 09.08.21
Semester break	10.08.21 – 15.08.21
Commencement of classes for next year	16.08.21

The meeting interface includes a list of participants on the right, a chat window, and a video gallery at the bottom showing several attendees. The system tray at the bottom indicates the time is 01:17 PM on 18-11-2020.



# ORIENTATION PROGRAM- DEPARTMENT OF BOTANY

NOV 18, 2020

Meeting details ×

**People (29)** Chat

IN CALL

- Misha Yadav (You) 🔇 📌
- Aabha Rawat 🔇 ⋮
- Akshat Sharma 🔇 ⋮
- Anita Kapur 🔇 ⋮
- Anjali Mittal 🔇 ⋮
- Ankur Chaurasia 🔇 ⋮
- Anuradha Mal ⋮ ⋮
- Anurag Maurya 🔇 ⋮
- Avani Gaur 🔇 ⋮
- Devender Singh 🔇 ⋮
- Divy Arora 🔇 ⋮
- Divya Mohanty 🔇 ⋮
- Divya Mohanty ⋮ ⋮

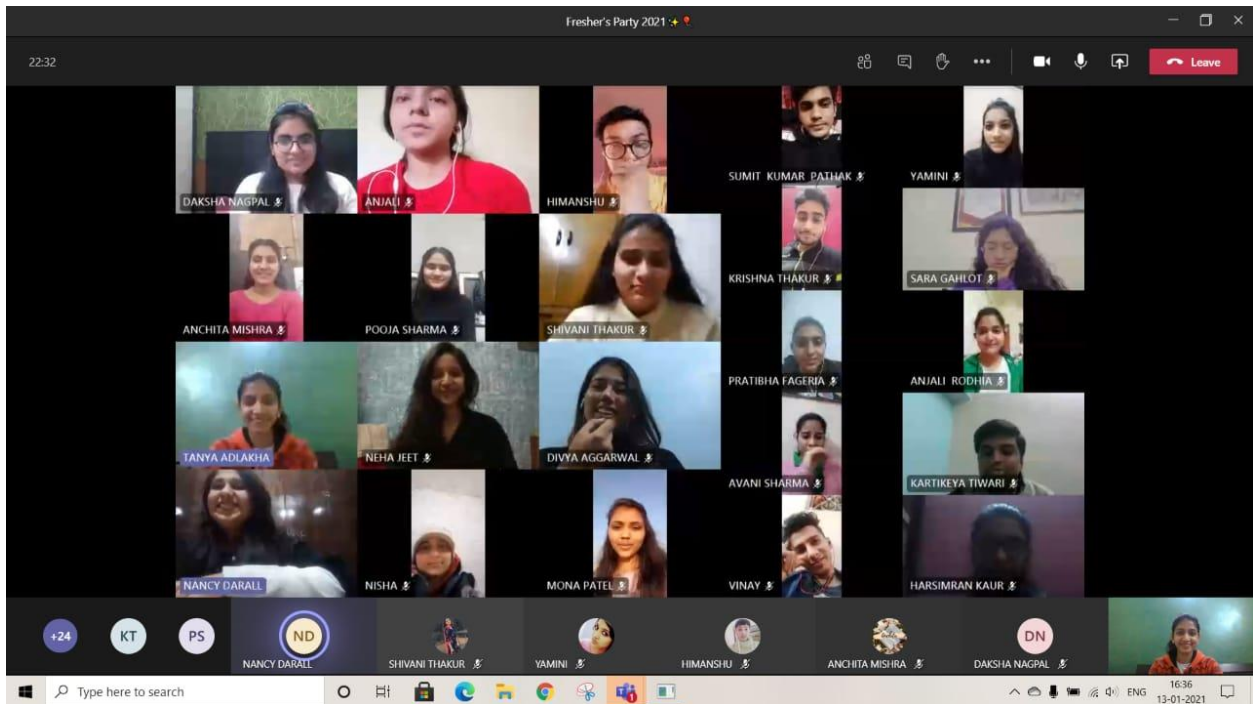
Meeting details ^ 🔇 📞 🗣️ 📄 🗨️ 🗨️ ⋮

Turn on captions Present now

Divya Mohanty has joined

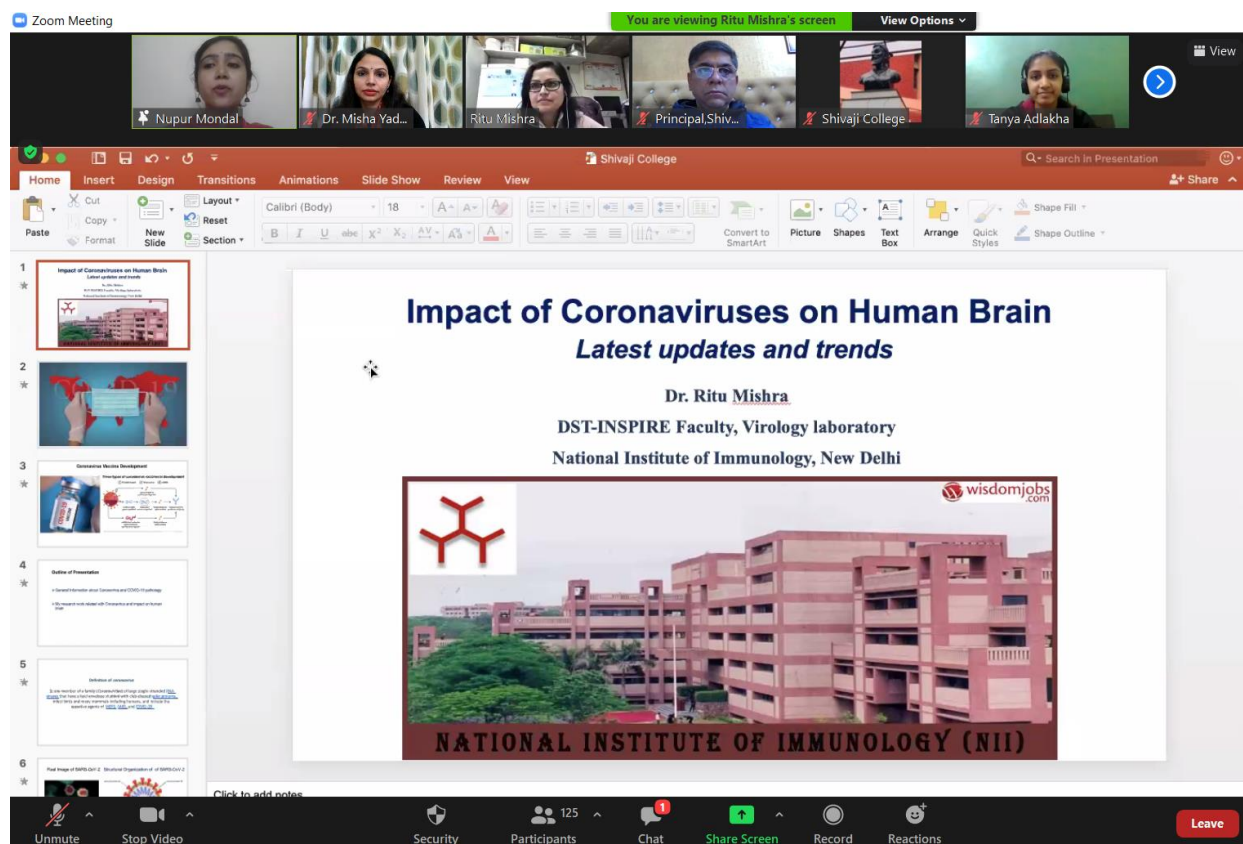
You can't remove this participant

Fresher's Welcome (January 13, 2021)



**NATIONAL WEBINAR ON “IMPACT OF CORONAVIRUSES ON HUMAN CENTRAL NERVOUS SYSTEM: LATEST UPDATES AND TRENDS” (January 16, 2021)**

The Department of Botany, Shivaji College, University of Delhi, organized a National Webinar on January 16, 2021 on the topic “Impact of Coronaviruses on Human Central Nervous System: Latest Updates and Trends”. Resource person for the online program was Dr. Ritu Mishra, DST- INSPIRE Faculty, National Institute of Immunology, New Delhi. The main intent of the webinar was to help students learn more about viruses, beyond their syllabus and to further clear myths and doubts among students about the effects of coronavirus and impart knowledge and awareness about how to deal with the effects and stay safe. Dr. Ritu Mishra began her lecture with a basic introduction and classification of the coronavirus. She further explained about the vascular passage of this virus and how it is capable of breaching the blood-brain barrier and affects the central nervous system of humans. Furthermore, Dr. Mishra highlighted the direct and indirect damage to the brain by coronavirus which included neuro-invasion, hypertension, headaches, neuromuscular agitation and explained about the extrapulmonary involvement of Covid-19. The last segment of the webinar involved a discussion and doubt solving session where Dr. Mishra took questions from the participants and cleared their queries. The webinar was convened by Dr. Misha Yadav, the Teacher-In-Charge of the Department of Botany.



Zoom Meeting

Recording

Chat

From Lakshay Vijayi to Everyone:  
thank you so much mam.

From Tina Singh to Everyone:  
thank you mam so much mam.

From A D NONI DUI to Everyone:  
Thankyou teachers🙏

From Dr. Elangbam Geetanjali to Everyone:  
Thank you Ma'am for the wonderful session

From Dr. Seema Talwar to Everyone:  
thank u maam for such wonderful and interesting session

From Anurag Maurya to Everyone:  
<https://docs.google.com/forms/d/e/1FAIpQLSeeyMNIZ9Dq16a8oryCO10KJ12JKU36u1YHB-D13mzG4nLOHWA/viewform>  
feedback form

To: Everyone

Type message here...

Type here to search

01:53 PM 16-01-2021

Zoom Meeting

Recording

**ACE2 (Angiotensin Converting Enzyme 2) is the main receptor for Coronaviruses**

Spike (S) protein

SARS-CoV-2

Cell membrane

Transmembrane ACE-2

anti-ACE-2 antibody

Infection

Participants (146)

Q. Find a participant

- Dr. Misha Yadav (Co-host, me)
- Anurag Maurya (Host)
- Ritu Mishra (Co-host)
- Dr. Devender Singh Me... (Co-host)
- Dr. Divya Mohanty (Co-host)
- Dr. Seema Talwar (Co-host)
- Nupur Mondal (Co-host)
- Principal, Shivaji College (Co-host)
- prrotima sardar (Co-host)
- 4695-Aliya Khan
- A D NONI DUI
- Aakash Jha
- ADITYANSHU TRIPATHI
- Akanksha Madan

Invite Mute All

Type here to search

12:43 PM 16-01-2021

**NATIONAL WEBINAR ON “DECOLORIZATION AND DETOXIFICATION OF TEXTILE WATER USING LACCASES OF *CYATHUS BULLERI*” (January 21, 2021)**

The Department of Botany, Shivaji College, University of Delhi, organized a National Webinar on **January 21, 2021**. The topic of the webinar was “Decolorization and Detoxification of Textile Water using Laccases of *Cyathusbulleri*”. Resource person for the program was Prof. Saroj Mishra from Department of Biochemical Engineering and Biotechnology, Indian Institute of Technology Delhi, New Delhi. The main aim of the webinar was to further the knowledge of participants about the applications of microorganisms for industrial waste treatment and mitigation of environmental pollution. Prof. Mishra commenced her lecture by first introducing the different disciplines of biochemical research in IIT Delhi that gave a precise idea to the students about the opportunities for them after graduation. She introduced the concept of usage of fungus for bioremediation. She explained about the main sources of water pollution in our country, highlighting that the maximum waste is contributed by municipal sewage and textile wastes. Prof. Mishra discussed the different dyes used in the textile industry and how they affect the water quality, and explained about the different physical, chemical and biological methods available for treatment of the effluent. She explained in detail about her research about laccases and explained how these can be grown and genetically engineered in the laboratory. She concluded her lecture by emphasizing on different techniques of detoxification and decolorization of effluents by using native laccases, engineered laccases, combination treatment and solid substrate produced laccase. The last segment of the event included a discussion session where Prof. Mishra solved doubts of the participants. The event was convened by Dr. Misha Yadav, the Teacher-In-Charge of the Department of Botany.

The image is a screenshot of a Zoom webinar. At the top, there is a header bar with the text "Zoom Meeting" on the left, "You are viewing saroj mishra's screen" in the center, and "View Options" on the right. Below the header is a row of seven video thumbnails for participants: Dr. Misha Yadav, Dr. Divya..., Nupur Mandal, saroj mish..., Principal, Shivaji..., and Shivaji College. The main content area is a white slide with a red title: "Decolorization and detoxification of textile waste waters using laccases of *Cyathus bulleri*". Below the title, on the left, is the text: "Prof. Saroj Mishra", "Dept. of Biochem. Engg and Biotechnology", "Indian Institute of Technology Delhi", "New-Delhi 110016". On the right is a photograph of a large, modern building with a glass facade, identified as IIT Delhi. Below the photo is the text "Image credit: iitd.ac.in". At the bottom of the slide, there is a Zoom control bar with icons for Mute, Stop Video, Security, Participants (137), Chat, Share Screen, Record, and Reactions. A red "Leave" button is on the far right. The Windows taskbar is visible at the very bottom, showing the search bar and system tray with the date and time: "02:41 PM 21-01-2021".

Zoom Meeting

Participants (141)

Dr. Misha Yadav (Co-host, me) [Mute] [Video Off]

Dr. Protima Sardar (Host) [Mute] [Video Off]

saroj mishra (Co-host) [Mute] [Video On]

Avani Gaur (Co-host) [Mute] [Video Off]

Dr. Divya Mohanty (Co-host) [Mute] [Video Off]

Nupur Mondal (Co-host) [Mute] [Video Off]

Invite Mute All

Chat

what is the difference between bioreactor and fermenter??

From Manisha belwal to Everyone:

Do all the dyes have negative effect on the environment? If not so what brings the difference between both the dyes?

To: Everyone [File]

Type message here...

## Semi-solid Fermentation

OP WS WB

Incubation  
(12 days)

WS OP WB

**OP: Orange peelings**  
**WS: Wheat straw**  
**WB: Wheat bran**

**a: Lane 1 : WS; Lane 3: WB**  
**b: Lane 1: WB; Lane 2: BSM**

**a**

**b**

Shivaji College, Webinar Jan 19

Windows taskbar: Type here to search | 03:29 PM 21-01-2021

Zoom Meeting

Recording

**Meher Gugnani**

**Ananya Sharma**

**SHIVAM.**

**Dr. Protima Sardar**

**Kartikeya tiwari**

**Dev Raj**

**Habiba Wahid**

**Anjali Mishra**

**Kisa zehra**


## ONLINE WORKSHOP ON “MUSHROOM CULTIVATION” (March 06, 2021)

The Department of Botany, Shivaji College, University of Delhi, organized an Online Workshop on **March 06, 2021**. The topic of the workshop was “**Mushroom Cultivation**”. Resource person was **Mr. Sumit Sharan**, Founder of Shroomery, Manesar, Gurgaon. The main aim of the workshop was to introduce the concept of Oyster Mushroom Cultivation and the career prospects of starting a business in this field. Mr. Sumit began his talk by introducing the mushroom family and its life cycle. He further explained about the different types of edible mushrooms and where they can be found in nature. He then discussed the techniques involved in cultivation of Oyster Mushrooms at home and for commercial purposes as well. He explained the steps of cultivation of Oyster Mushrooms in great detail, discussing all the important parameters, raw materials, etc. required for the same, with the help of videos, which he recorded himself in his Farm at Manesar, Gurgaon. He took queries from the participants throughout his talk and gave valuable inputs about how students can join courses offered in this field and get and give employment. He concluded his talk by mentioning the various business aspects of mushroom cultivation and how it is an innovative idea for young entrepreneurs. The last segment of the event included the formal vote of thanks. The event was convened by Dr. Misha Yadav, Teacher-In-Charge of the Department of Botany and Dr.Smita Tripathi.





You are viewing Sumit Sharan's screen View Options



# MUSHROOM CULTIVATION


6 - MAR - 2021 SUMIT SHARAN  
FOUNDER, SHROOMERY

SHROOMERY

Participants: Rishita, Tanya Adlakha, Dr. Mishra 'ad..., Dr. Anurag Ma..., Anjali Rodhia, Sumit Sharan, Avanti Gaur, Sumit Pathak, Smita Tripathi, Dr. Pratima Sa..., Vats Mohak 19/..., Veena..., Harshman Ka...

Unmute Stop Video Security Participants 79 Chat Share Screen Record Reactions Leave

Zoom Meeting You are viewing Tanya Adlakha's screen View Options



Participants: Smita Tripathi, Sumit Sharan

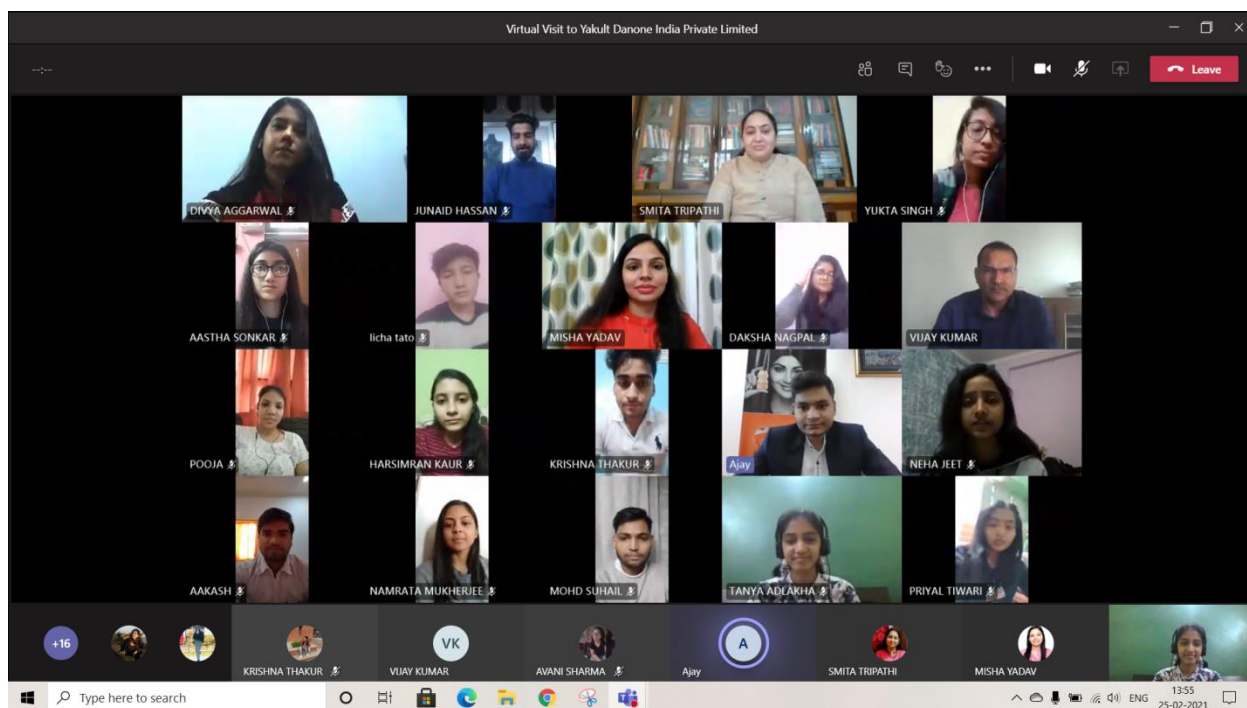
00:06 04:01

Unmute Stop Video (Alt+V) Security Participants 82 Chat Share Screen Record Breakout Rooms Reactions Leave

Type here to search ENG 11:46 06-03-2021

## VIRTUAL VISIT TO YAKULT DANONE INDIA PVT. LTD., SONIPAT, HARYANA (February 25, 2021)

Department of Botany, Shivaji College, organized a **virtual industrial visit to Yakult Danone India Pvt. Ltd.**, Sonipat, Haryana on February 25, 2021, for the students of B.Sc. (Hons.) Botany Semester VI. This visit comprises a part of curriculum for 'Industrial and Environmental Microbiology' paper. The students were accompanied by three faculty members of the Department of Botany, viz., Dr. Vijay Kumar, Dr. Smita Tripathi and Dr. Misha Yadav. The virtual visit commenced at 13:00 hours, where the students were welcomed by one of officials, Mr. Ajay, from Yakult Danone India. With the help of a video presentation, virtual tour of the Yakult factory was conducted. Students were informed about the history and establishment of Yakult. The process of manufacturing of Yakult and its benefits were shared. The steps involved in manufacturing of the drink were explained with the help of a video shot in the different zones of the factory. The operations of the bioreactors and other machinery involved in the process were shown and explained. Different process including the seed tank setting, processes in culture tank, syrup processing, blending, bottle making, bottling, packaging, storage marketing of the product were discussed in detail with students. The interactive session was followed by formal vote of thanks.



Virtual Visit to Yakult Danone India Private Limited

34:36

Request control

Factory Operations **Yakult**

**Yakult** Seed Room

add our *Lactobacillus casei* strain Shirota in the seed tank.

Participants

Type a name

Presenters (2)

- Ajay External
- Tushar Kumar Organizer External

Attendees (22)

- MISHA YADAV
- AAKASH
- AASTHA SONKAR
- ANUJ YADAV
- AVANI SHARMA
- DAKSHA NAGPAL
- DIVYA AGGARWAL
- HARSH

Ajay

+17

VIAJ KUMAR

SMITA TRIPATHI

YUKTA SINGH

Type here to search

01:26 PM 25-02-2021

Virtual Visit to Yakult Danone India Private Limited

34:48

Request control

Factory Operations **Yakult**

**Yakult** Culture & Mixing Room

Hyperlapse

Once we complete fermentation process, we add sugar-solution in it and send it to

Participants

Type a name

Presenters (2)

- Ajay External
- Tushar Kumar Organizer External

Attendees (22)

- MISHA YADAV
- AAKASH
- AASTHA SONKAR
- ANUJ YADAV
- AVANI SHARMA
- DAKSHA NAGPAL
- DIVYA AGGARWAL
- HARSH

Ajay

+17

VIAJ KUMAR

SMITA TRIPATHI

YUKTA SINGH

Type here to search

01:27 PM 25-02-2021

## JUNIPER 2021- THE ANNUAL BOTANICAL FESTIVAL (February - March, 2021)

The Department of Botany organised its Annual Botanical Fest, 'JUNIPER 2021' from February 28 to March 02, 2021, through online meeting platform, Google Meet and social media sites, Instagram and Facebook. Four Inter-College Online Competitions were organised during the fest which included 'Botano-Brainer' – Online Botanical Quiz, 'Swastika' – Online Bio-Mandala Making Competition, 'Alpana' – Online Botanical Rangoli Making Competition, and 'Inkphoric' – Online Botanical Face-Makeup Competition.

*Fragrance - The Botanical Society*  
OF  
DEPARTMENT OF BOTANY  
SHIVAJI COLLEGE  
NAAC ACCREDITED GRADE 'A'  
UNIVERSITY OF DELHI  
PRESENTS  
**JUNIPER 2021**  
THE ANNUAL BOTANICAL FEST  
FEBRUARY-MARCH 2021

**BOTANO BRAINER**  
**ONLINE BOTANICAL QUIZ**  
Date: March 02, 2021  
Time (Round 1): 10.30 - 10.35 am (5 minutes)  
Time (Round 2): 11.00 am onwards

**ALPANA**  
**ONLINE BOTANICAL RANGOLI MAKING COMPETITION**  
Date: March 02, 2021  
Time: 11.30 am - 02.00 pm (2 hours and 30 minutes)  
Theme: The Journey from Classical Botany to Contemporary

**SWASTIKA**  
**ONLINE BIO-MANDALA MAKING COMPETITION**  
Date: February 28 - March 02, 2021  
Theme will be announced on February 28, 2021 at 11.00 am  
Submission of your Mandala by 06:00 pm on February 28, 2021

**INKPHORIC**  
**ONLINE BOTANICAL FACE-MAKEUP COMPETITION**  
Date: March 02, 2021  
Time: 02.30 - 05.00 pm (2 hours and 30 minutes)  
Theme will be announced at 02.00 pm on March 02, 2021

Link for Rule Book: [https://drive.google.com/file/d/1krygKuMYA6T\\_6sUecvHvpSQN0KPASmdi/view?usp=sharing](https://drive.google.com/file/d/1krygKuMYA6T_6sUecvHvpSQN0KPASmdi/view?usp=sharing)

FOR MORE INFORMATION CONTACT:  
TANYA ADLAKHA (PRESIDENT): 8178711331  
RISHITA NANDINI SINGH (SECRETARY): 8837467738  
AVANI GAUR (VICE PRESIDENT): 9306551272  
SUMIT KUMAR PATHAK (JOINT SECRETARY): 7827082902

CONVENOR  
DR. MISHA YADAV  
T-I-C, DEPARTMENT OF BOTANY



OFFICIAL MEDIA PARTNERS  
STUDENTS' PRESS

@fragrance\_shivajicollege  
botanicalsocietyshivajicollege@gmail.com

PATRON  
DR. SHIV KUMAR SEHDEV  
OFFICIATING PRINCIPAL

### **Competition 01: BOTANO BRAINER – Online Botanical Quiz (March 02, 2021)**

Botano-Brainer was organised on March 02, 2021. The purpose of this competition was to indulge students in an activity that enhances their knowledge, enthusiasm, and scientific temperament as well. The quiz was comprised of two rounds. Round one aimed to screen participants according to their performance in solving a set of objective type questions. In second and final round, participant encountered subjective type questions.


*Fragrance - The Botanical Society*


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 DEPARTMENT OF BOTANY  
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 UNIVERSITY OF DELHI




PRESENTS

# JUNIPER 2021


THE ANNUAL BOTANICAL FEST  
FEBRUARY-MARCH 2021

## BOTANO BRAINER

*Online Botanical Quiz*

 MARCH 02, 2021  
 Round 1: 10:30 - 10:35 am (5 minutes)  
 Round 2: 11:00 am onwards  
 Zoom/ Google Meet Application

FOR REGISTRATION:






<https://forms.gle/d6ATrgZndFUyh5Pb9>

STUDENT COORDINATORS:  
 Divya: +91 9711587057, Pooja: +91 7503042167, Pooja Kabadwal: +91 8394821325

CONVENOR  
**DR. MISHA YADAV**  
 T-I-C, DEPARTMENT OF BOTANY

PATRON  
**DR. SHIV KUMAR SAHDEV**  
 OFFICIATING PRINCIPAL

FOR MORE INFORMATION CONTACT:  
 TANYA ADLAKHA (PRESIDENT): +91 8178711331    RISHTA NANDINI SINGH (SECRETARY): +91 8837467738  
 AVANI GAUR (VICE PRESIDENT): +91 9306551272    SUMIT KUMAR PATHAK (JOINT SECRETARY): +91 7827082902

 OFFICIAL MEDIA PARTNERS  
 @fragrance\_shivajicollege  
 botanicalsocietyshivajicollege@gmail.com

**Competition 02: SWASTIKA – Online Bio- Mandala Making Competition (February 28 to March 02, 2021)**

Mandalas are not just epitome of beauty and perfection but also the form of art that even an amateur can carry pretty well, so this competition was organized with the idea of bringing a twisted artistic approach to Botany with innovative Mandalas. Both digitally created and manually drawn Mandalas were allowed as per participants' comfort and imagination. The theme of the competition was organized online on February 28, 2021 at 11.00 am utilizing Instagram (@fragrance\_shivajicollege) and Facebook (Botany Department, Shivaji College, DU i.e., @ShivajiBotany) pages of Botanical Society-Fragrance and email the Gmail. All the entries were then uploaded on our Social Media handles and the entry with the maximum 'Likes' (Instagram + Facebook) was considered as the winner.




*Fragrance - The Botanical Society*

OF

DEPARTMENT OF BOTANY

SHIVAJI COLLEGE  
NAAC ACCREDITED GRADE 'A'  
UNIVERSITY OF DELHI

PRESENTS

# JUNIPER 2021

THE ANNUAL BOTANICAL FEST  
FEBRUARY-MARCH 2021

## SWASTIKA

*Online Bio-Mandala Making Competition*

February 28 - March 02, 2021

Theme will be announced on February 28, 2021 at 11.00 am

Submission by 06:00 pm on February 28, 2021

FOR REGISTRATION:  
  
<https://forms.gle/d6ATrgZndFUyh5Pb9>

STUDENT COORDINATORS:  
 Deepshikha: +91 9871740453, Daksha: +91 9891968534, Veena: +91 9813895017

CONVENOR  
**DR. MISHA YADAV**  
 T-1-C, DEPARTMENT OF BOTANY

PATRON  
**DR. SHIV KUMAR SAHDEV**  
 OFFICIATING PRINCIPAL

FOR MORE INFORMATION CONTACT:  
 TANYA ADLAKHA (PRESIDENT): +91 8178711331    RISHITA NANDINI SINGH (SECRETARY): +91 8837467738  
 AVANI GAUR (VICE PRESIDENT): +91 9306551272    SUMIT KUMAR PATHAK (JOINT SECRETARY): +91 7827082902

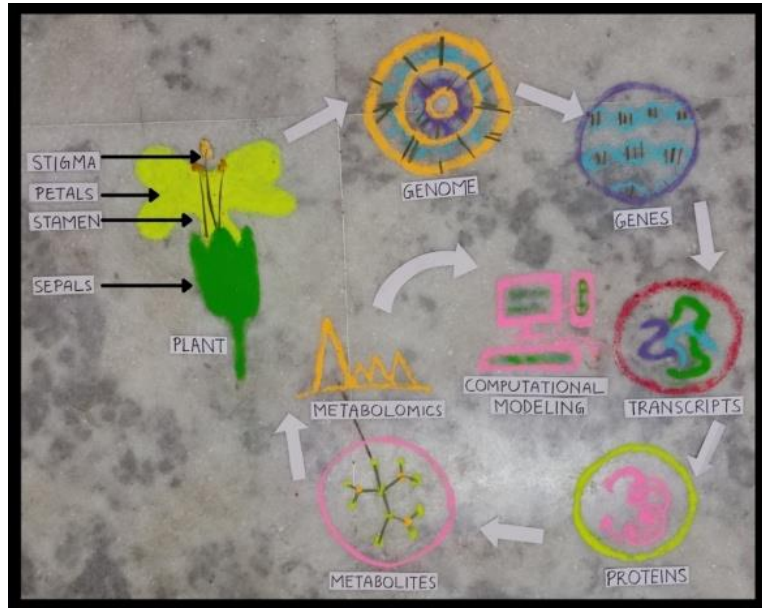
 @fragrance\_shivajicollege  
 botanicalsocietyshivajicollege@gmail.com

STUDENTS' OFFICIAL MEDIA PARTNERS



**Competition 03: ALPANA** – Online Botanical Rangoli Making Competition (March 02, 2021)

Alpana was organised on March 02, 2021 from 11:30 am to 02:00 pm. The theme of the competition was 'The Journey from Classical Botany to Contemporary'. This competition was organised to keep up with our tradition of making rangolis on festive and special occasions but with a botanical twist. The participants were required to make rangoli using natural colours and plant materials like leaves, petals, stems, fruit peels, etc. All the participants had to submit their entries (along with a short time-lapse video of their 'Making of Rangoli') via mail to our official email id: botanicalsocietyshivajicollege@gmail.com on the same day, by 02:00 pm. All the entries were then compiled and judged by teachers.



**Competition 04: INKPHORIC** – Online Botanical Face-Makeup Competition (March 02, 2021)

In this competition participants were required to put makeup on their face or on someone else's on the given theme 'Medicinal Plants and their role in COVID-19 Pandemic'. The participants were required to submit their entries along with a short time lapse video of the whole process to us. All the entries were then compiled and judged by teachers and declared.

**Fragrance - The Botanical Society**  
OF  
**DEPARTMENT OF BOTANY**  
**SHIVAJI COLLEGE**  
NAAC ACCREDITED GRADE 'A'  
UNIVERSITY OF DELHI

PRESENTS  
**JUNIPER 2021**  
THE ANNUAL BOTANICAL FEST  
FEBRUARY-MARCH 2021

**INKPHORIC**  
*Online Botanical Face-Makeup Competition*

March 02, 2021  
02.30 to 05.00 pm (2 hours and 30 minutes)

Theme will be announced half an hour prior to the commencement of the competition, i.e., at 02.00 pm

FOR REGISTRATION:  
  
<https://forms.gle/d6ATrgZndFUYh5Pb9>

**STUDENT COORDINATORS:**  
Geetanjali: +91 9990676092, Bharat: +91 9310353495, Aman: +91 9205705477

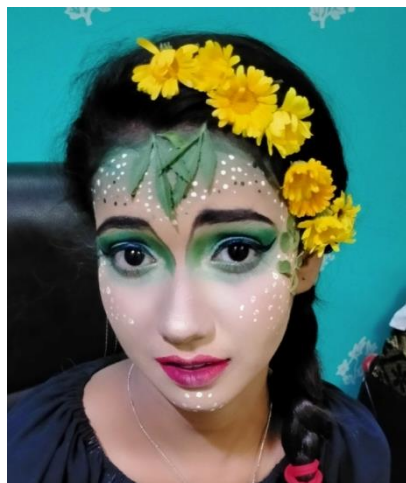
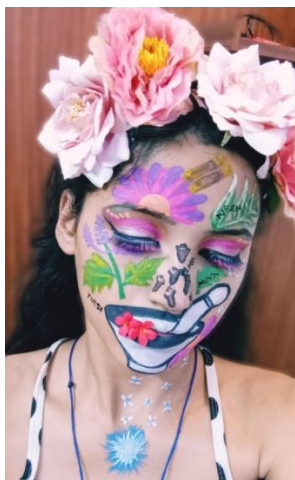
CONVENOR  
**DR. MISHA YADAV**  
T-I-C, DEPARTMENT OF BOTANY

PATRON  
**DR. SHIV KUMAR SAHDEV**  
OFFICIATING PRINCIPAL

FOR MORE INFORMATION CONTACT:  
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SUMIT KUMAR PATHAK (JOINT SECRETARY): +91 7827082502

OFFICIAL MEDIA PARTNERS: STUDENTS' SOCIETY, BOTANICAL SOCIETY SHIVAJI COLLEGE

@fragrance\_shivajicollege  
botanicalsocietyshivajicollege@gmail.com





# DEPARTMENTAL ALUMNI MEET (April 17, 2021)

