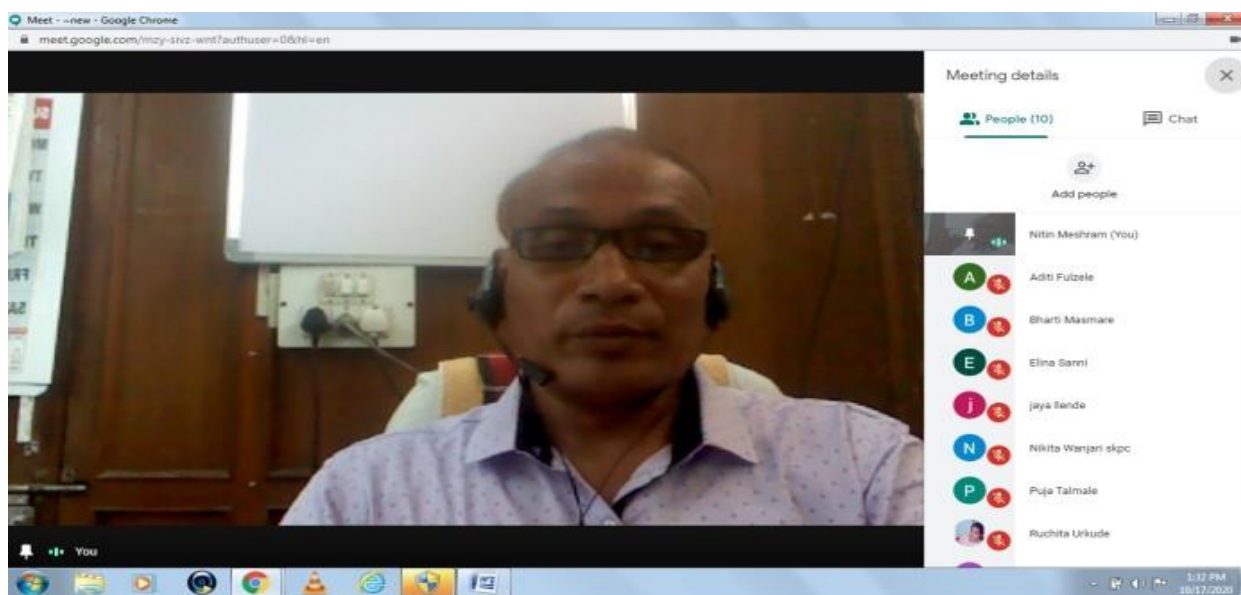
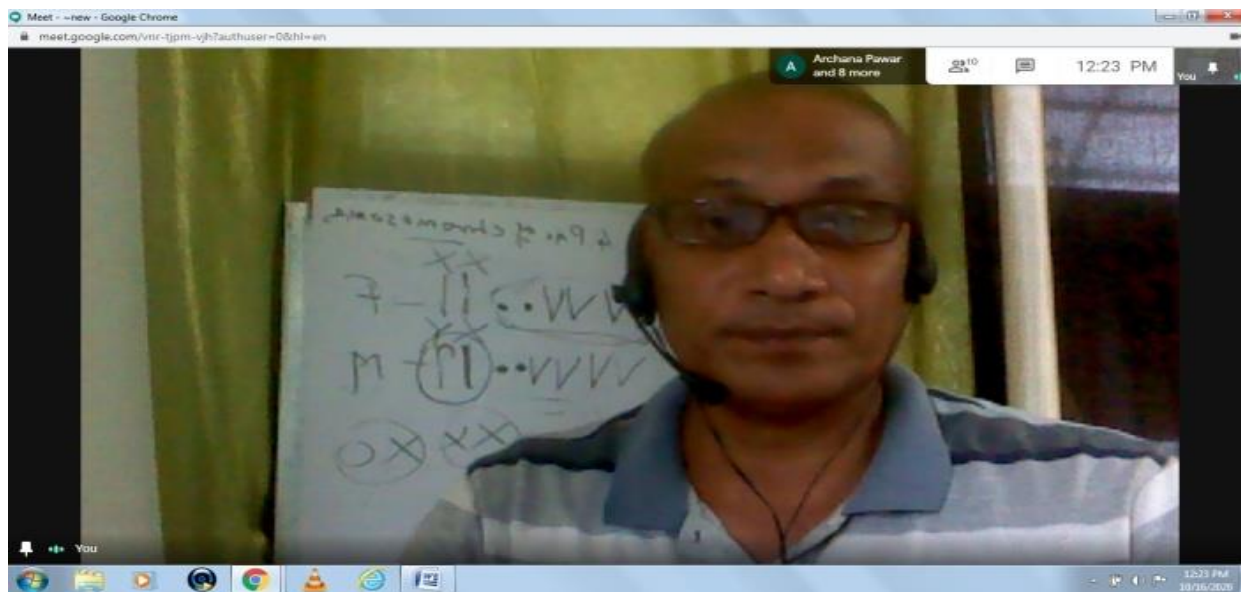


## Bridge course lecture

**1. Conducted Bridge course lecture-** Online Bridge course lecture conducted for the students of B.Sc Ist year (sem I). This course help to link the knowledge of junior college curriculum with the senior college curriculum. So that bridge course helps prepare candidates for the next higher level of learning. **(16.10.2020) And (17.10.2020). 20 students participated.**



**SETH KESARIMAL PORWAL COLLEGE OF ARTS & SCIENCE & COMMERCE,  
KAMPTEE**

**NOTICE**

**DEPARTMENT OF BOTANY 2020-2021**

The department of Botany has organised the Two weeks Bridge course for the session 2020-2021 for the B.Sc. First year ( Semester- I ) students. Due to Pandamic condition the Course will be conducted **ONLINE MODE** only (16 October 2020 to 31 October 2020). **It is compulsory to all students.** The pattern of the course will be as follows-

1. Syllabus- This course is based on the 12<sup>th</sup> standard **Biology** portion, which is divided in the Degree into BOTANY and ZOOLOGY. In this bridge course only General Botany related topics (Plant and genetics) should be included.
2. TWO -Online exams will be conducted i) before and ii) after the bridge course.
3. The first exam will be conducted on 17 October 2020 (Saturday) -12: 30 to 1:30pm in Google forms only.
4. 18<sup>th</sup> October 2020 to 29<sup>th</sup> October 2020 (Teaching and Guidance )
5. The second exam will be conducted on 31<sup>th</sup> October 2020 (Saturday)- 12:30 to 1:30 pm
6. Guidance and counselling will be given to weaker students after the results of second examination.
7. Further instructions will be given on every topic on Whatsapp gp. or in Google classroom or online meet.

Date - 10/10/2020

**Teacher In- charge**

Dr. Jayshree S. Thaware

Dr. Rashmi A. Jachak

# S. K. P. College of Arts, Science and Commerce, Kamptee. Department of Botany- 2020-2021 . Bridge Course B. Sc. I (Sem -I) TEST EXAM -II

19 responses

[Publish analytics](#)

## Name of the student

19 responses

Pratiksha Damodhar Nimbone

Pallavi raghunath rajankar

Arya Naresh maske

Mitalee shahu

Saherish ansari

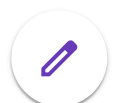
Sejal mukesh yadav

Prajwal LUHURE

Tanu wasnik

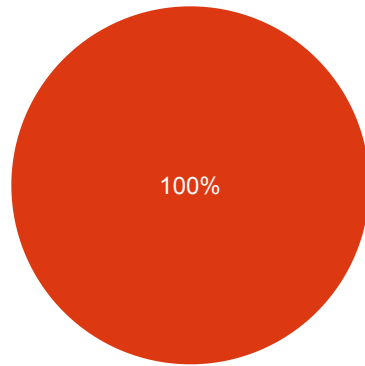
HARSHAL DHAKATE

Untitled Section



### Who is the Father of Genetics?

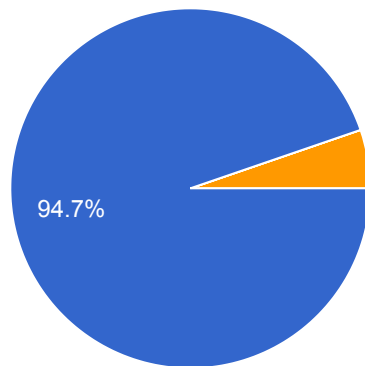
19 responses



- Theophrastus
- Mendel
- Bentham
- Hooker

### Living organisms gets energy from-

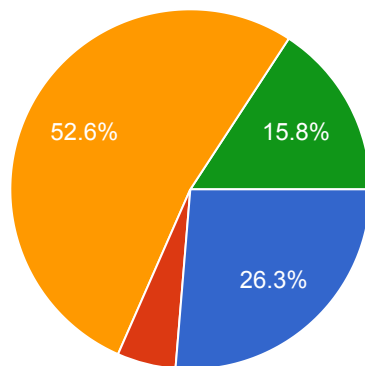
19 responses



- sun
- Electricity
- Both above a and b
- None of the above

### ----- is used as a biofertilizers.

19 responses

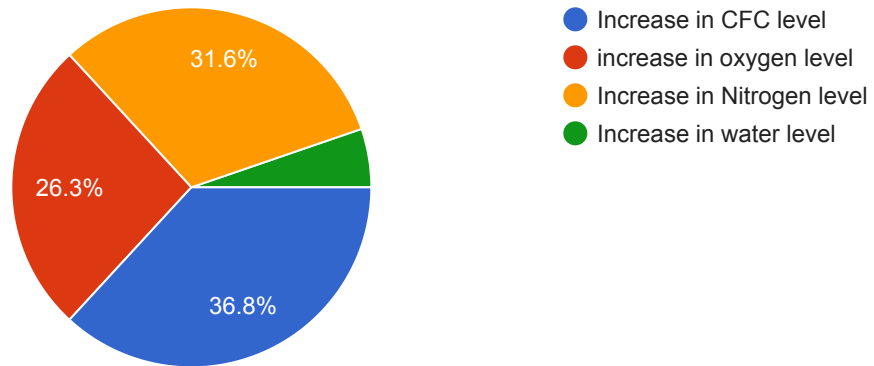


- Chemicals
- Water
- Microbes
- None of the above



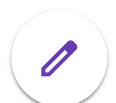
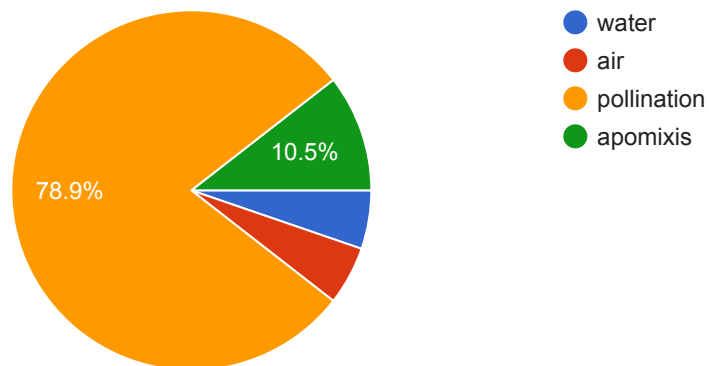
Main cause of global warming is—

19 responses



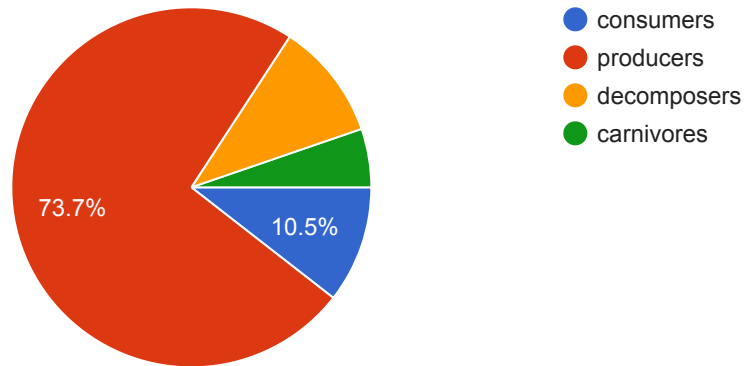
In flowering plants, both male and female gametes are non- motile. The method to bring them together for fertilisation is-

19 responses



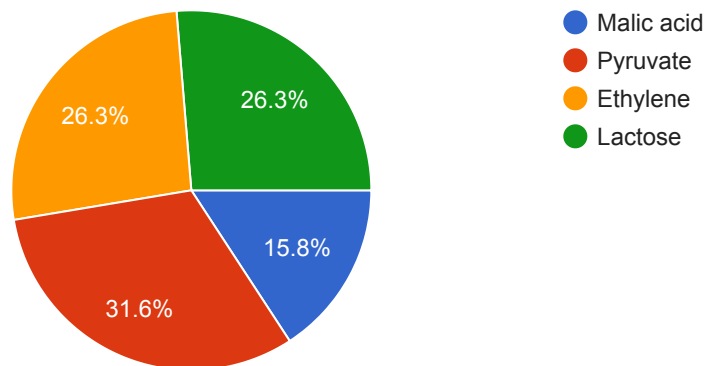
Plants are prepared their own food called as-

19 responses



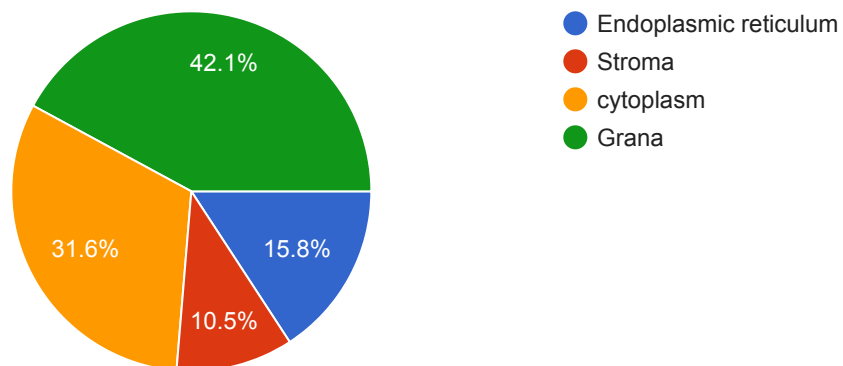
----- is a product of aerobic respiration

19 responses



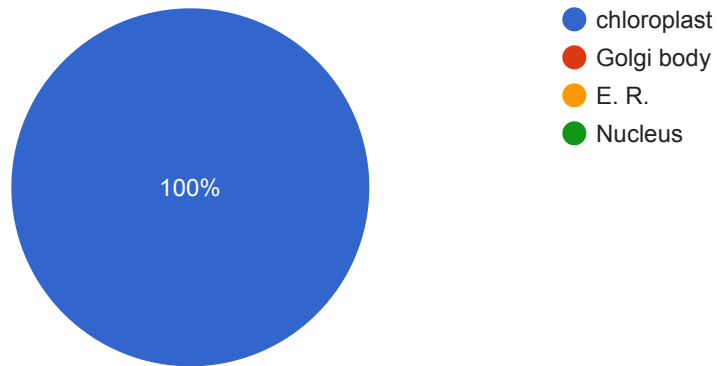
Where is light reaction takes places

19 responses



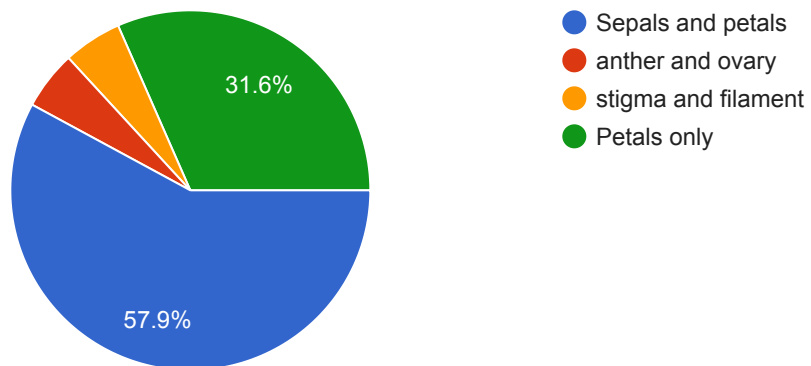
### Photosynthesis occurs in

19 responses



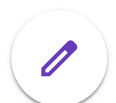
### Non essential floral organs in a flower are

19 responses



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Google Forms



Timestamp	Email Address	Score	Full Name of the s	Percentage (%) in Who is Regarded	The basic differenc	Mycology is the st	Abiotic factor is-	Potatoes are -	The reproductive	Xerophyte means-	Staminate flowers	Xylem is the –	Which of the following pigment is yellow in color?
12/19/2020 12:56:pallavirajankar347		8 / 20	Pallavi raghunath	56% Mendel	Presence or abser	Bryophytes	soil	Modified root	Sepals	Desert plant	All of the these	a. Water conductir	Xanthophyll
12/19/2020 13:00:sahrish.ansari17@		16 / 20	Saherish ansari	50 Stephen haies	Presence or abser	Fungi	None of the above	Modified root	Carpel	Desert plant	Antherzoids	a. Water conductir	Xanthophyll
12/19/2020 13:01:aryamask77@gm		6 / 20	Arya Naresh mask	51.54 Mendel	Presence or abser	Bryophytes	soil	Modified stem	Petals	Hilly plant	Fruits	b. Food conductir	carotene
12/19/2020 13:04:kritikasuryawanshi		12 / 20	Kritika Suryawanshi	69 Mendel	Presence or abser	Fungi	None of the above	Modified stem	Sepals	Desert plant	Antherzoids	a. Water conductir	Chlorophyll 'b'
12/19/2020 13:05:satyamtojsingh C		8 / 20	Satyam Tojsingh C	62% Fisher	Presence or abser	Fungi	None of the above	Modified root	Sepals	Desert plant	All of the these	c. Both a and b	Xanthophyll
12/19/2020 13:08:prathmeshraut321		4 / 20	Purva sudhakar ra	53.23 Mendel	Presence or abser	Fungi	None of the above	Modified root	Sepals	Hilly plant	All of the these	c. Both a and b	Chlorophyll 'a'
12/19/2020 13:08:vaishnavivighe@g		10 / 20	vaishnavi namdeo v	54% Stephen haies	Presence or abser	Fungi	plant	Modified root	Carpel	Water plant	Antherzoids	a. Water conductir	Chlorophyll 'a'
12/19/2020 13:15:haidermuzzammi8f		8 / 20	Muzammil Haider	58 Stephen haies	Presence or abser	Pteridophytes	None of the above	Modified flower	Petals	Desert plant	Eggs	a. Water conductir	Xanthophyll
12/19/2020 13:17:mitaleeshahu02@		10 / 20	Mitalee suresh shi	65.38% Funk	Presence or abser	Fungi	soil	Modified stem	Carpel	Water plant	All of the these	c. Both a and b	carotene
12/19/2020 13:17:yadavsejal126@gm		6 / 20	Sejal mukesh yadi	57 Mendel	Presence or abser	Fungi	soil	Modified root	Petals	Water plant	Eggs	c. Both a and b	Chlorophyll 'a'
12/19/2020 13:18:kali95196@gmail		8 / 20	Mohammad almas	49.3 Funk	Presence or abser	Fungi	None of the above	Modified root	Petals	Water plant	Antherzoids	a. Water conductir	carotene
12/19/2020 13:18:harshabhabhu146@		14 / 20	Harshal Dhakate	61.38 Stephen haies	Presence or abser	Fungi	soil	Modified stem	Sepals	None of the above	Antherzoids	a. Water conductir	carotene
12/19/2020 13:19:pawararchana@7f		16 / 20	Archana hari pawe	53 Stephen haies	Presence or abser	Fungi	soil	Modified stem	Sepals	Water plant	Antherzoids	a. Water conductir	Xanthophyll
12/19/2020 13:20:purvanimbone@gm		10 / 20	Purva damodar nit	51.69 Mendel	Presence or abser	Fungi	soil	Modified root	Sepals	Water plant	Antherzoids	a. Water conductir	carotene
12/19/2020 13:20:pratishanimbone1		10 / 20	Pratiksha Damodh	55.38% Mendel	Presence or abser	Fungi	soil	Modified root	Sepals	Water plant	Antherzoids	a. Water conductir	carotene
12/19/2020 13:22:mahekshinde2002		14 / 20	Mahek shinde	57.8 Mendel	Presence or abser	Fungi	soil	Modified stem	Petals	Water plant	Antherzoids	a. Water conductir	Xanthophyll
12/19/2020 13:25:samanthawaghma		14 / 20	Samantha waghm	59 Mendel	Presence or abser	Fungi	soil	Modified root	Carpel	Desert plant	Antherzoids	a. Water conductir	carotene
12/19/2020 13:29:rohanmishra08122		18 / 20	Rohan chandrakis	50.46 Stephen haies	Presence or abser	Fungi	soil	Modified stem	Carpel	Desert plant	Antherzoids	c. Both a and b	Xanthophyll
12/19/2020 13:32:sufyanak235@gm		10 / 20	Sufyana akil khan	54% Stephen haies	Presence or abser	Fungi	soil	Modified root	Petals	Water plant	Fruits	a. Water conductir	carotene



# S. K. P. College of Arts, Science and Commerce, Kamptee. Department of Botany- 2020-2021 . Bridge Course B. Sc. I (Sem -I) TEST EXAM -I

19 responses

Full Name of the student

19 responses

Rohan chandrakishor mishra

Muzammil Haider

Purva damodar nimbone

Mohammad almas

Sejal mukesh yadav

Purva sudhakar raut

Mitalee suresh shahu

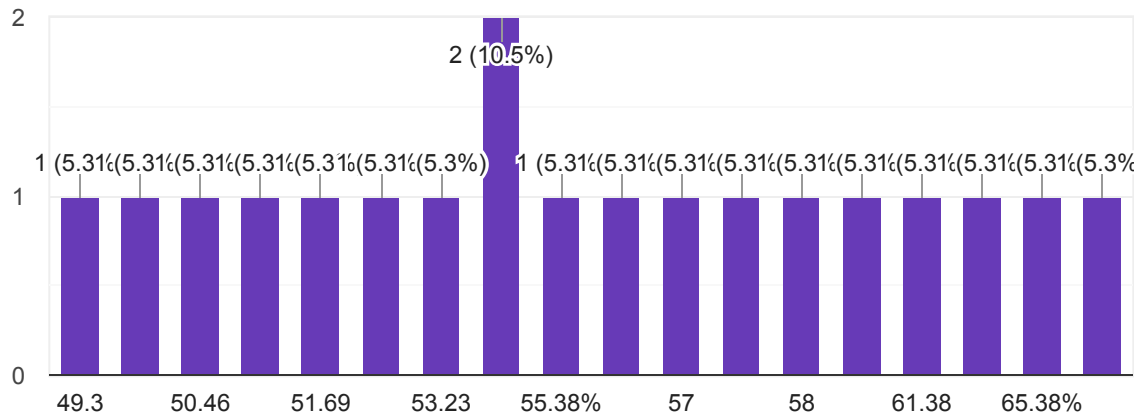
Mahek shinde

Dellavi rekhunath misra



## Percentage (%) in 12 Examination

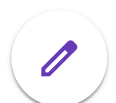
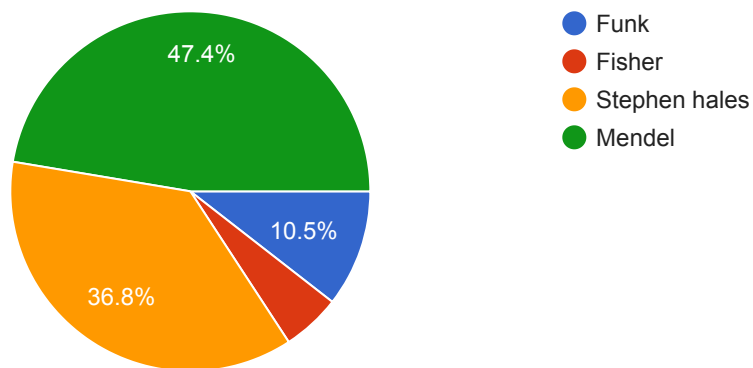
19 responses



## Department of Botany- 2020-2021 Bridge Course - TEST EXAM -I

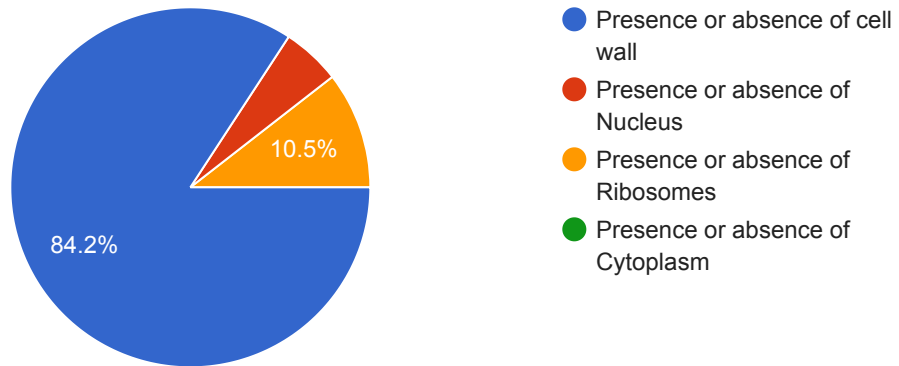
### Who is Regarded as the Father of Plant physiology ?

19 responses



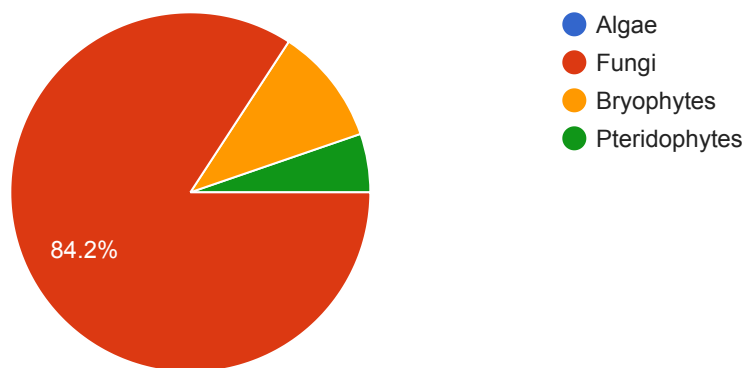
The basic difference in the Plant and Animal cell is-

19 responses



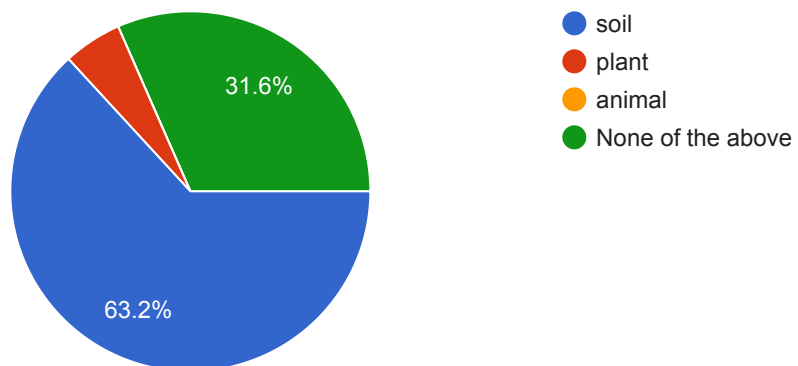
Mycology is the study of -

19 responses



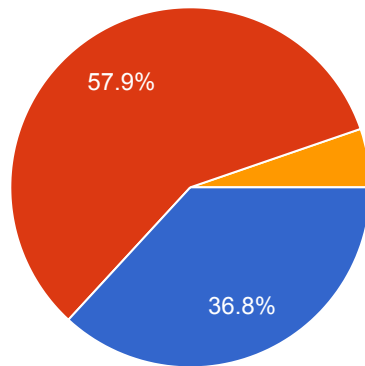
Abiotic factor is-

19 responses



Potatoes are -

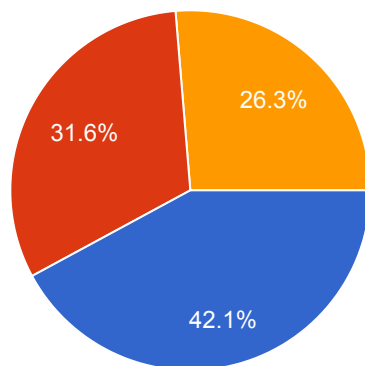
19 responses



- Modified stem
- Modified root
- Modified flower
- Modified fruit

The reproductive part of the Flower is-

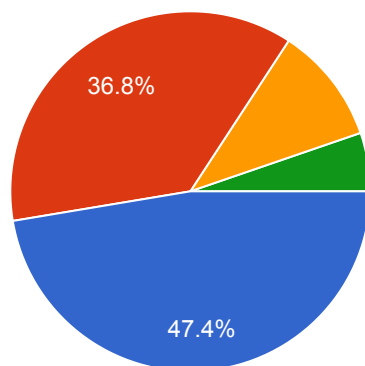
19 responses



- Sepals
- Petals
- Carpel
- Leaf

Xerophyte means-

19 responses

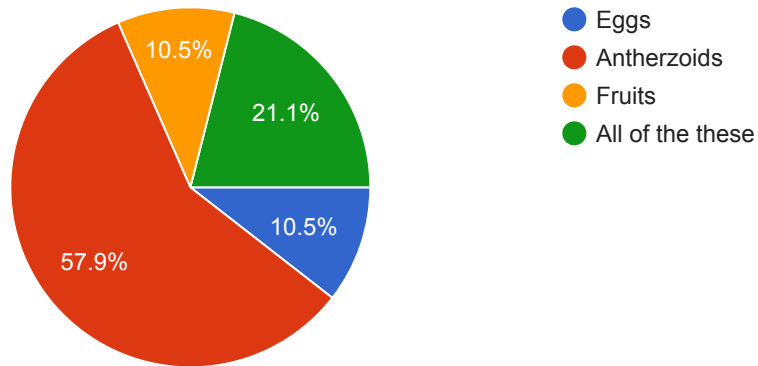


- Water plant
- Desert plant
- Hilly plant
- None of the above



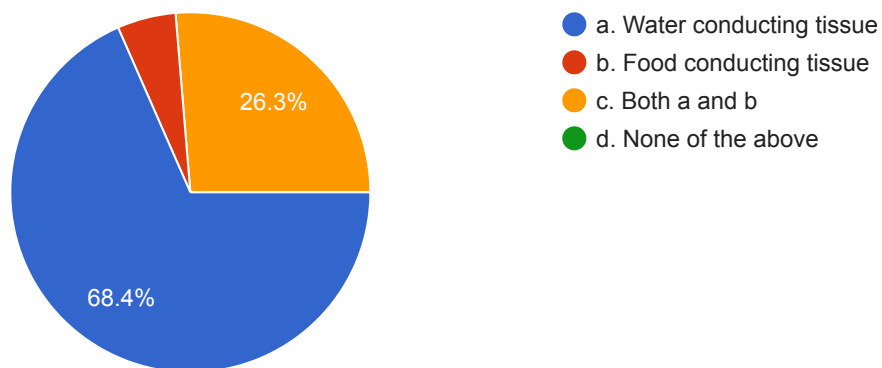
Staminate flowers produce –

19 responses



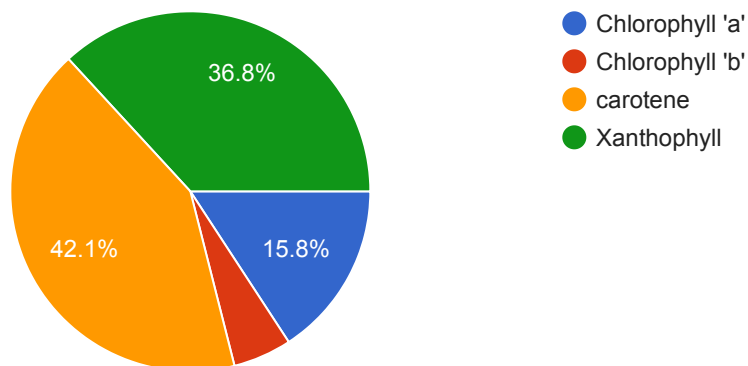
Xylem is the –

19 responses



Which of the following pigment is yellow in color?

19 responses



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# Google Forms



# Report

## Department of Botany

### Online Bridge Course

#### Session -2020-2021

**Aim-** The bridge course aims to bridge the gap of basic knowledge of Botany. The students have passed online Std. XII Board exam and seeking the admission the undergraduate three year degree course. The syllabus of degree course (B.Sc.) which is University pattern differs with board syllabus and examination pattern. To fill up the gap of basic knowledge of the subject, the departmental aim is to conduct a bridge of 15 days duration for B. Sc. Semester - I students . Total 37 students were attended the course and 19 responses were registered.

#### **Objectives:**

- To understand the basic knowledge of the subject
- Students make familiar with plants and other branches of botany
- To improve the confidence in the subject
- To develop interest in the subject
- To improve level of understanding the flora

**Duration :** 15 days (16 October 2020 to 31 October 2020 )

#### **Syllabus :**

- Concept & Importance of botany
- Introduction of 5-kingdom system
- Branches of the botany

#### **Planning :**

The extra theory classes (other than regular theory classes) of one hour duration has been conducted between are conducted online between 16<sup>th</sup> October 2020 to 31<sup>st</sup> October 2020. Initially, before commencement of course, a General knowledge test has been conducted. The same has been conducted after completion of course.

## Identification of Slow and Advance learner

(a) Slow learners : Total 15to 20% students found to be slow learner

1. Pallavi R. Rajankar
2. Arya N. Maske
3. Satyam T. Chouhan
4. Purva S. Raut
5. Muzammil Haider
6. Sejal M. Yadav
7. Mohammad Almas

(b) Advance learners : Rest of the students were slightly average to advanced  
Learners

Sr. No.	Name of the student
1	Saherish ansari
2	Kritika Suryawanshi
3	Vaishnvi namdeo vighe
4	Mitalee suresh shahu
5	Harshal Dhakate
6	Archana hari pawar
7	Purva damodar nimbone
8	Pratiksha Damodhar Nimbone
9	Mahek shinde
10	Samantha waghmare
11	Rohan chandrakishor mishra
12	Sufiyana akil khan

**Method:** Online Objective Test : Fifty questions of 1 marks each = 50 marks. Time : 30 min

**Result of test :** Satisfactory

**Analysis :** Majority of the students were benefitted-

**Syllabus for slow learners:**

- Basic of botany
- History of Botany
- Importance of botany
- Introduction of 5-kingdom system

**Syllabus for advance learners:** The syllabus framed by RTM Nagpur University

**Counseling:** Regular counseling of slow learns has been conducted.

**Counseling :** Regular counseling of slow learns has been conducted



**List of beneficiaries:**

1. Pallavi R. Rajankar
2. Arya N. Maske
3. Satyam T. Chouhan
4. Sejal M. Yadav

**Conclusion:** The bridge course made the student more confident in the subject and helps to create interest in the plant science & environment Even in Online mode.

**Outcome:**

Majority of the students have attended the bridge course regularly. They scored more in the final test compared to first test. This indicated It s concluded as follows: Majority of the students are benefitted

- The course give broad exposure to the Plant Science
- Increase awareness of plantation of trees
- Understand the importance of subject and its benefits in environment

**SEM - I Botany 21-22**

Prajakta, SKP, +91 70585 49165, +91 7249...

**12 September 2021****NOTICE**

The online Bridge course  
Test Exam-I will be held on  
14th September 2021.

At 11 a.m.

The syllabus of the Test  
is 12 th basis(Botany  
portion ) only.

Link will be sent 10 min  
before the exam .

7:45 am ✓✓

**It's Compulsory** 7:46 am ✓✓**14 September 2021**

+91 84688 96649 joined using this  
group's invite link

**Bridge course Test Exam -I 2021-22....**

All questions are compulsory No negative  
marking

[docs.google.com](https://docs.google.com)



Message





SEM - I Botany 21-22

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Bridge course Test Exam - ...

All questions are compulsory No negative marking  
docs.google.com



<https://forms.gle/FjEmu3rkFJs7WPyG6>

10:26 am ✓✓

solve the paper and submit in time..

10:27 am ✓✓

You

solve the paper and submit in time..

till 11 a.m

10:27 am ✓✓

+91 78210 48321 ~Shikha Agre

You

solve the paper and submit in time..

yes mam

10:28 am

+91 73401 83184 ~Mrs RASHMI

Mam done

10:40 am

+91 95294 78484 ~A



Message





SEM - I Botany 21-22

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12 September 2021

**NOTICE**

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7:45 am ✓✓

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14 September 2021

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**Bridge course Test Exam -I 2021-22....**

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**SEM - I Botany 21-22**

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7:45 am ✓✓

**It's Compulsory** 7:46 am ✓✓**14 September 2021**

+91 84688 96649 joined using this  
group's invite link

**Bridge course Test Exam -I 2021-22....**

All questions are compulsory No negative  
marking

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Message



# Bridge course Test Exam -I 2021-22. S. K. P. College Arts, science and commerce, kamptee. Department of Botany

All questions are compulsory

No negative marking

Time- 11 to 11:30 a. m(Half an hr)

---

\* Required

1. Email \*

---

2. Full Name of the student \*

---

3. Whatsapp no. \*

---

4. Percentage in 12 standard \*

---

5. The basic difference in the Plant and Animal cell is- \*

2 points

*Mark only one oval.*

- Presence or absence of cell wall
- Presence or absence of Nucleus
- Presence or absence of Ribosomes
- Presence or absence of cytoplasm

6. Abiotic factor is- \*

2 points

*Mark only one oval.*

- soil
- plant
- animal
- None of the above

7. Who is Regarded as the Father of Plant physiology ? \*

2 points

*Mark only one oval.*

- Funk
- Fisher
- Stephen hailes
- Mendel

8. Mycology is the study of - \*

2 points

*Mark only one oval.*

- Algae
- Fungi
- Bryophytes
- Pteridophytes

9. Potatoes are \*

2 points

*Mark only one oval.*

- Modified stem
- Modified root
- Modified flower
- Modified fruit

10. The reproductive part of the Flower is- \*

2 points

*Mark only one oval.*

- Sepals
- Petals
- Carpel
- Leaf

11. Xerophyte means- \*

2 points

*Mark only one oval.*

- Water plant
- Desert plant
- Hilly plant
- None of the above

12. Staminate flowers produce - \*

2 points

*Mark only one oval.*

- Eggs
- Antherzoids
- Fruits
- All of the these

13. Which of the following pigment is yellow in color? \*

2 points

*Mark only one oval.*

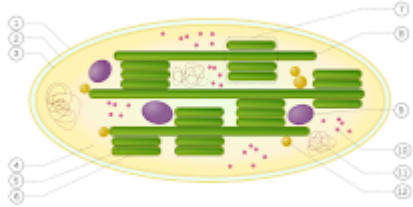
- Chlorophyll 'a'
- Chlorophyll 'b'
- carotene
- Xanthophyll



14. Xylem is the \_\_\_\_\_ conducting tissue.(answer in one correct word only) \* 1 point

---

15. Identify the this image \* 1 point



Mark only one oval.

- Mitochondria
- golgi bodies
- chloroplast
- ribosomes

---

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# Bridge course Test Exam -II 2021-22. S. K. P. College Arts, science and commerce, karnataka. Department of Botany

All questions are compulsory  
No negative marking

---

\* Required

1. Email \*

---

2. Full Name of the student \*

---

3. Whatsapp no.

---

4. Have you appeared Bridge course Test Exam- I \*

*Mark only one oval.*

Yes

No

5. Living organisms gets energy from \*

2 points

*Mark only one oval.*

- Sun
- Electricity
- Both A and B
- None of the above

6. Who is the Father of Genetics? \*

2 points

*Mark only one oval.*

- Theophrastus
- Mendel
- Benthm
- Hooker

7. \_\_\_\_\_ is used as a biofertilizers. \*

2 points

*Mark only one oval.*

- Chemicals
- Water
- Microbes
- None of the above

8. Main cause of Global warming is \_\_\_\_\_ \*

2 points

*Mark only one oval.*

- Increase in CFC level
- Increase in Oxygen level
- Increase in water level
- Increase in Nitrogen level

9. Reproductive part of the flower \*

2 points

*Mark only one oval.*

- stamen and carpel
- Leaf
- stem
- sepal and petal

10. In flowering plants, both male and female gametes are non- motile. The method to bring them together for fertilization is\_\_ \*

2 points

*Mark only one oval.*

- collection
- Multiplication
- Pollination
- apomixis

11. Plants are prepared their own food called as\_\_ \*

2 points

*Mark only one oval.*

- Consumers
- producers
- decomposers
- carnivores

12. \_\_\_\_\_ is a product of aerobic respiration \*

2 points

*Mark only one oval.*

- Malic acid
- Pyruvate
- ethylene
- Lactose

13. Photosynthesis occurs in \*

2 points

*Mark only one oval.*

- Chloroplast
- Golgi bodie
- E.R.
- Nucleus

14. Non essential floral organs in a flower are \*

2 points

*Mark only one oval.*

- Sepals and petals
- anthers and ovary
- stigma and filament
- None of the above

---

This content is neither created nor endorsed by Google.

Google Forms

## Department of Botany

### Report- Online Bridge Course

#### Session-2021-2022

Aim- The bridge course aims to bridge the gap of basic knowledge of Botany. The students have passed Std. XII Board exam and seeking the admission the undergraduate three year degree course. The syllabus of degree course (B.Sc.) which is University pattern differs with board syllabus and examination pattern. To fill up the gap of basic knowledge of the subject, the departmental aim is to conduct a bridge of 15 days duration for B. Sc. Semester -I students . Total 40 responses were registered in both test exams I and II. The exam was conducted by online mode.

#### Objectives:

- To understand the basic knowledge of the subject
- Students make familiar with plants and other branches of botany
- To improve the confidence in the subject
- To develop interest in the subject
- To improve level of understanding the flora

**Duration :** 15 days (14 September 2021 to 30 September 21 )

#### Syllabus :

- Concept & Importance of botany
- Introduction of 5-kingdom system
- Branches of the botany

#### Planning :

The extra theory classes (other than regular theory classes) of one hour duration has been conducted between are conducted online between 14<sup>th</sup> Septmeber 2021 to 30<sup>th</sup> Septmeber 2021. Initially, before commencement of course, a General knowledge test has been conducted. The same has been conducted after completion of course.

#### Outcome:

Majority of the students have attended the bridge course regularly. They scored more in the final test compared to first test. This indicated It s concluded as follows:

- Majority of the students are benefitted
- The course give broad exposure to the Plant Science
- Increase awareness of plantation of trees

- Understand the importance of subject and its benefits in environment

### Identification of Slow and Advance learner

(a) Slow learners :

- 1 Aaliya samar
- 2 Saurabh Mehar
- 3 Mayuri Hud
- 4 Kushi Kumbhalkar
- 5 Kukum Badhel
- 6 Rubiya Naaz

(b) Advance learners : (List attached)

Sr. No	Name of the student
1	Ramisha hurain
2	Shradha Rajesh Dahake
3	Adiba Jamal
4	Rakesh kumar singh
5	Himanshu Ankush Bhojar
6	Khushi jotsana meshram
7	Fariha subhedar
8	Khushi jotsana meshram
9	Yashfeen nashrah
10	Vipin Gopichand Gurdhe
11	Shikha Vinod Agre
12	Shikha Vinod Agre
13	Vipin Gopichand Gurdhe
14	Saurabh Ravindra mehar
15	Tushar Shankar badan
16	Saloni Rajesh
17	Manthanwar
18	Shruti hiranman meshram
19	Mayuri chirkut hud
20	Uzma Qureshi
21	Shruti hiranman meshram
22	Pummy Shrivastav
23	Poonam Pramod Butle
24	Shruti hiranman meshram
25	Kumkum Sudesh badhel
26	Asmita gravkar
27	Uzma Qureshi
28	kareena nankani
29	Sakshi Balchand Shelke
30	Gaurav Subhash Yadav
31	
32	
33	
34	

35	Kundan Naresh Barve
36	Asmita gravkar
37	UJJAWAL khante
38	Riya pramod choudhary
39	Lekhak Gajbhiye
40	

**Method: Online** Objective Test : 10 questions of 2 marks each = 20 marks.

Time : 30 min

**Result of test** : Satisfactory

**Analysis** : Majority of the students are benefitted-

**Syllabus for slow learners:**

- Basics of botany
- History of Botany
- Importance of botany
- Introduction of 5-kingdom system

**Syllabus for advance learners:** The syllabus framed by RTM Nagpur University

**Counseling** : Regular counseling of slow learns has been conducted

List of beneficiaries:

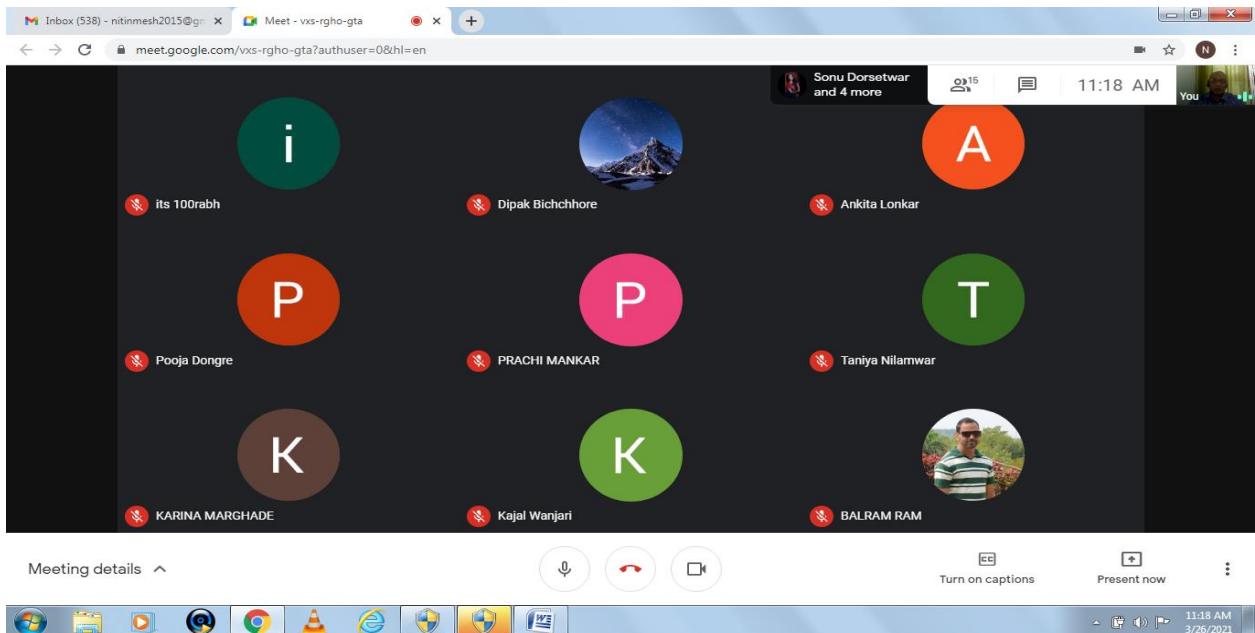
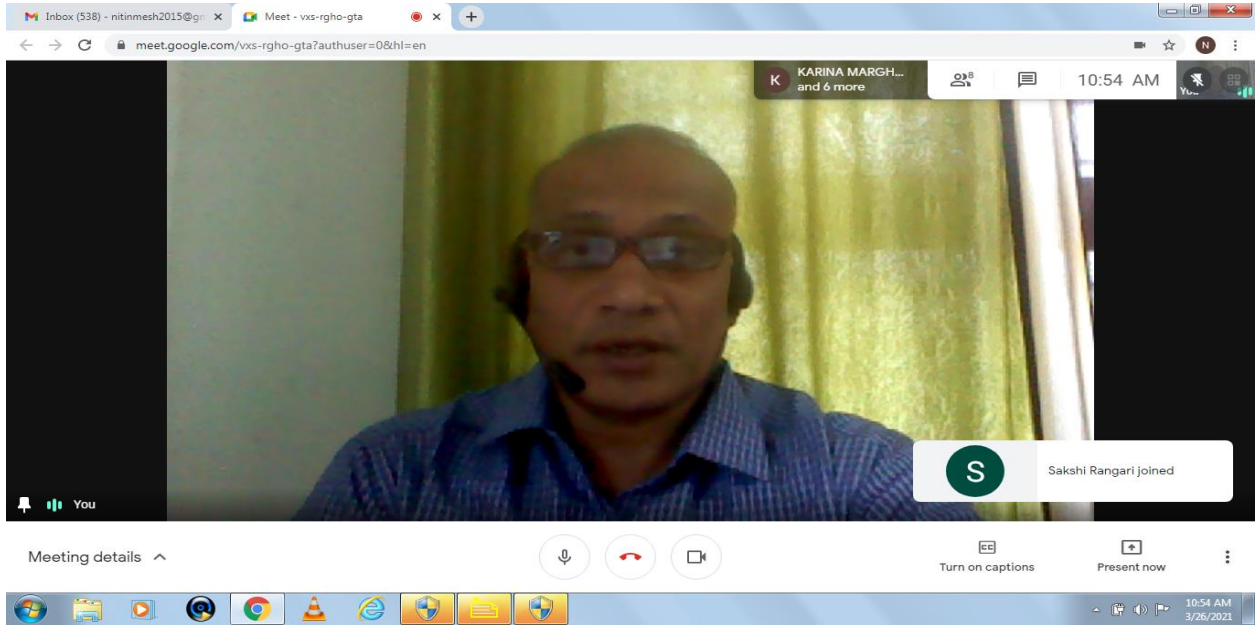
- 1 Mayuri Hud
- 2 Kushi Kumbhalkar
- 3 Kukum Badhel
- 4 Rubiya Naaz

**Conclusion:** The bridge course made the student more confident in the subject and helps to create interest in the plant science & environment.



## REMEDIAL LECTURE

Some students are removed from their regular classroom and taught in another setting. Some students require the extra help. The ultimate aim of remedial teaching is to help students who have fallen behind to learn to the best of their ability and bring them back into the mainstream classes. Date- 26-08-2021 and 27-08-2021. Number of Students participated-17



Inbox (542) - nitinmesh2015@g... Meet - jpp-chvw-htt

meet.google.com/jpp-chvw-htt?authuser=0&hl=en

KARINA MARGH... and 6 more 17 11:45 AM You

Meeting details Meeting controls: Turn on captions, Present now

Taskbar: Windows Start button, File Explorer, Edge, Chrome, VLC, Zoom, Teams, OneDrive, Outlook, and system tray with volume, network, and time (11:45 AM 3/27/2021).

Inbox (542) - nitinmesh2015@g... Meet - jpp-chvw-htt

meet.google.com/jpp-chvw-htt?authuser=0&hl=en

rupali patil and 15 more 17 11:46 AM You

Meeting details Meeting controls: Turn on captions, Present now

Taskbar: Windows Start button, File Explorer, Edge, Chrome, VLC, Zoom, Teams, OneDrive, Outlook, and system tray with volume, network, and time (11:46 AM 3/27/2021).



Shikshan Prasarak Mandal, Kamptee's  
Seth Kesarimal Porwal College of Arts & Science & Commerce, Kamptee – 441 001

Affiliated to RTM Nagpur University, Nagpur, Maharashtra

NAAC Accredited with 'A' Grade

Website: www.skpcampjee.org

E-mail : iqac.skpc@gmail.com; principal @skpcampjee.org

Internal Quality Assurance Cell (IQAC)

Dr. M. B. Bagade  
Principal

Dr. P. R. Dhongle  
Coordinator

Date: 15 / 11 / 2021

Online Teaching and Guidance

2020 – 2021

The screenshot shows a Google Meet interface. The main window displays a presentation slide titled "Determination of wavelength difference of Na lines." with the following content:

$\lambda_1 D_1 : 5890 \text{ \AA}$      $\lambda_2 D_2 : 5896 \text{ \AA}$

- Two set of patterns fringes are produced.
- When fringes overlap path difference  $2d=0$ .
- Bright fringe of both pattern coincides.
- If  $M_1$  is moved such that bright pattern of one fringe coincides with dark pattern of other. We observe minimum intensity.
- Move  $M_1$  further Bright fringe of both pattern coincides.

$2d = n\lambda_2 = (n+1)\lambda_1$      $\lambda_2 > \lambda_1$

$n^{\text{th}}$  order of longer wavelength coincides with  $n+1^{\text{th}}$  order of shorter wavelength

$$n = \frac{\lambda_1}{\lambda_2 - \lambda_1}$$

The meeting details panel on the right shows 16 participants, including Priyanka Bhoyar (You), Aayesha Naaz, Akansha Singh, Akansha Thakre, Ishita Fule, Kshitij Bante, Neeta Gupta, and Roshnee Pandhare.

The screenshot shows a Google Meet interface. The main window displays a presentation slide titled "Basic Linux commands - Adobe Acrobat Reader DC (32-bit)". The slide content is as follows:

When invoked without any options stat displays the following file information:

1. **File** - The name of the file.
2. **Size** - The Ssize of the file in bytes.
3. **Blocks** - The number of allocated blocks the file takes.
4. **IO Block** - The size in bytes of every block.
5. **File type** - (ex. regular file, directory, symbolic link ...)
6. **Device** - Device number in hex and decimal.
7. **Inode** - Inode number.
8. **Links** - Number of hard links.
9. **Access** - [File permissions](#), in the numeric and symbolic methods.
10. **Uid** - User ID and name of the [owner](#).
11. **Gid** - Group ID and name of the owner.
12. **Access** - The last time the file was accessed.
13. **Modify** - The last time the file's content was modified.
14. **Change** - The last time the file's attribute or content was changed.
15. **Birth** - File creation time (not supported in Linux)

The meeting details panel on the right shows 13 participants, including You, Roshni Shukla, Neeta Gupta, and Shivani dahale.

Meeting details

People (53) Chat (3)

Add people

- Jaysree Thaware (You)
- Aachal Sonkar
- Aditya Thaware
- Afiya Sayyad
- Akansa Patil
- akash shendragade
- Akshu Mankar
- Altaf Jabeen

Meeting details

Turn on captions Present now

Divya Wasnik has left the meeting

Inbox (201) - rkparate8048@gm Meet - wdx-drva-jev

meet.google.com/wdx-drva-jev?pli=1&authuser=0

You are presenting

You're presenting to everyone

Stop presenting

Meeting details

7

Add people

IN CALL

- rajesh parate (You)
- rajesh parate Your presentation
- Arushi Adkane
- chandan singh
- PRAJOT FULE
- Prajwal Mokarkar

Meeting details

Turn on captions You are presenting

meet.google.com is sharing your screen. Stop sharing Hide

Meeting details

Turn on captions You are presenting

Type here to search

Inbox (852) - dipakbhavsagar@g Meet - hcr-fumd-tbz

Basic Linux commands - Adobe Acrobat Reader DC (32-bit)

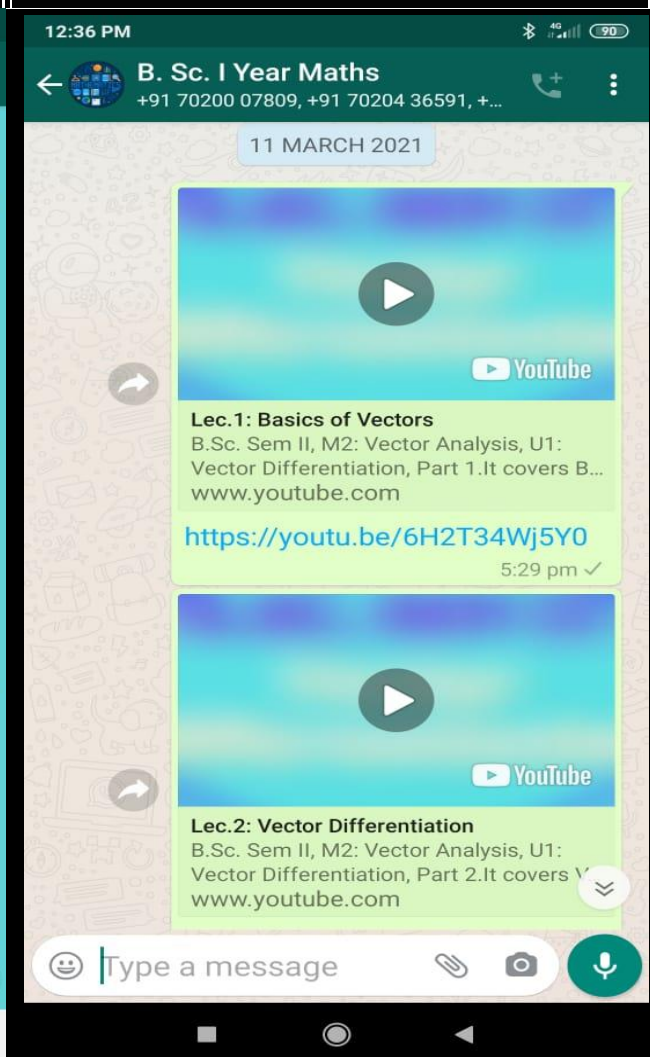
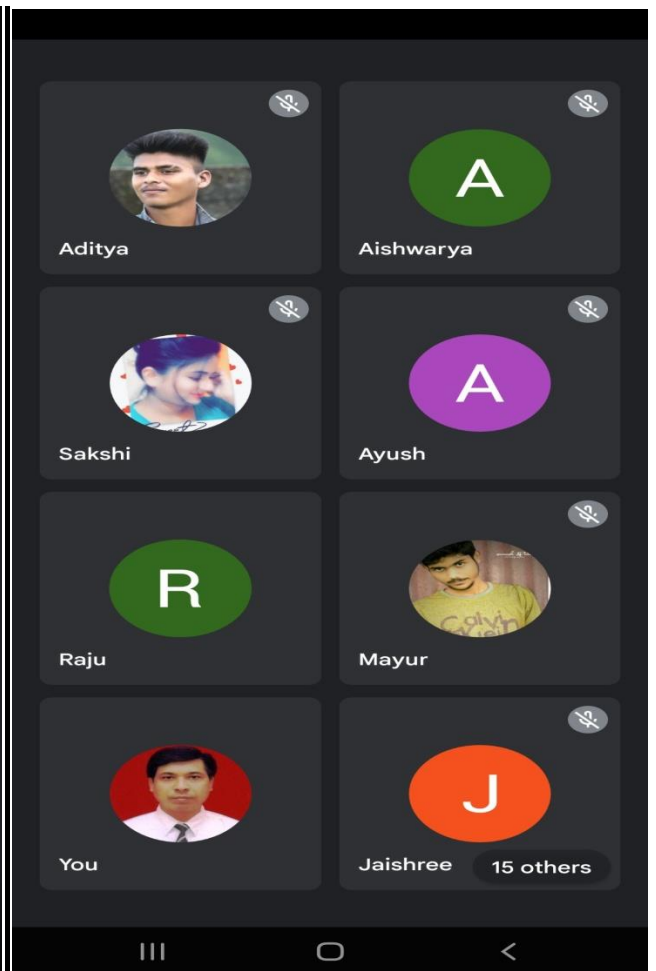
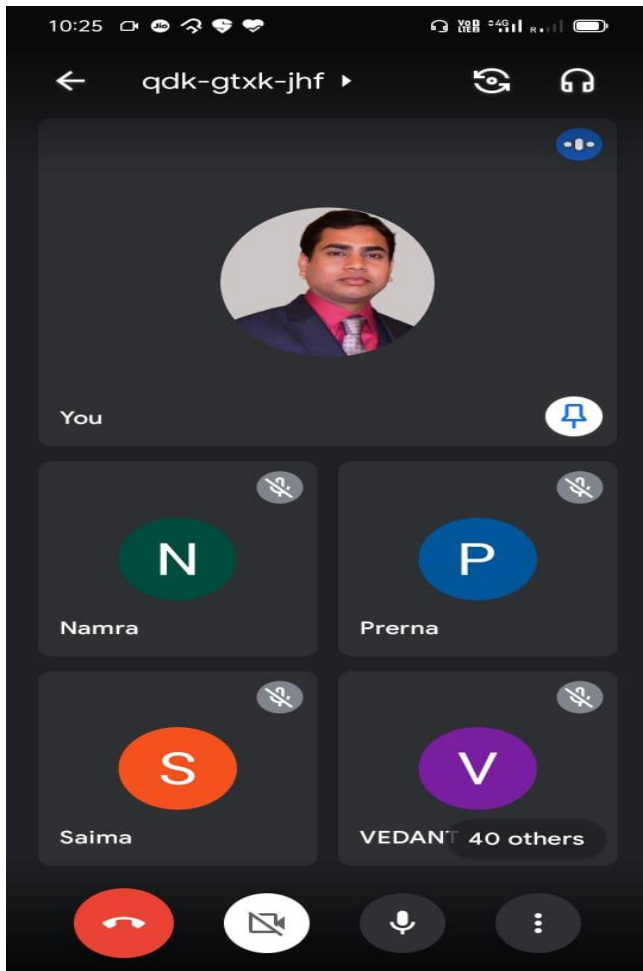
When invoked without any options stat displays the following file information:

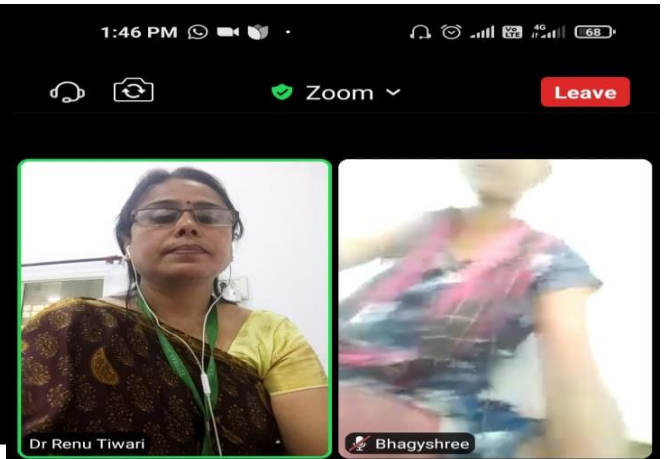
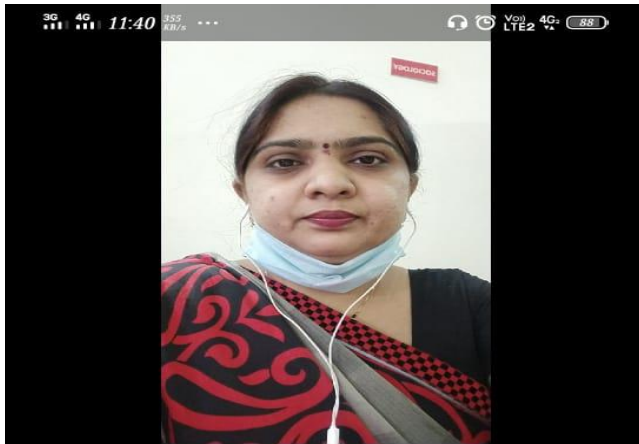
1. **File** - The name of the file.
2. **Size** - The Ssize of the file in bytes.
3. **Blocks** - The number of allocated blocks the file takes.
4. **IO Block** - The size in bytes of every block.
5. **File type** - (ex. regular file, directory, symbolic link ...)
6. **Device** - Device number in hex and decimal.
7. **Inode** - Inode number.
8. **Links** - Number of hard links.
9. **Access** - [File permissions](#) in the numeric and symbolic methods.
10. **Uid** - User ID and name of the [owner](#).
11. **Gid** - Group ID and name of the owner.
12. **Access** - The last time the file was accessed.
13. **Modify** - The last time the file's content was modified.
14. **Change** - The last time the file's attribute or content was changed.
15. **Birth** - File creation time (not supported in Linux)

Meeting details

Turn on captions Present now

10:13 AM 21.05.2021





Meeting controls and participant list:

- Participants: (8)
- Participants list:
  - samruddhi tapare (You)
  - Sapna Akhare
  - Yogita Raut
  - anita ray
- Also in the meeting (4)



Participants (12) list:

- Dr Renu Tiwari (Host, me)
- Bhagyshree dharkar
- Gautam
- Gayatri Gupta
- Hamna Naaz
- Nargis
- Rohit Rangari
- Sejal Sejal
- Aryan Lonare
- Priyanka Rao
- Sayyed shabnam
- Sushil meshram

Buttons: Invite, Mute All, ...

About this call - People:

- ADD OTHERS: Share joining information
- IN CALL:
  - Suraj Kombe (You)
  - Abdul Muqtadir Sheikh
  - Aditya Gajbhiye
  - Akansha Chhadi
  - Atufa Anjum
  - Disha Raut
  - Esha Rahangdale
  - Gangabhavani Gudala
  - Jannat Mansuri
  - Krutika Wadibhasme
  - Minal Pagade
  - Pallavi Hiwase
  - Rajendra Chambhare
  - Ram Sharma
  - saima farheen
  - Sanika Sayre
  - Sejal Chaudhary
  - Shejal Gravkar
  - shivani marwade
  - Shivani Rao
  - Shweta Chawla

☰ 👤 ⋮

## B.Sc First Year 20-21

### Semester-I Paper -I

Share with your class... ↔

Saved announcements (1)

👤 **Rashmi Sontakke** ⋮

20 Mar 2021

**qtnw6s7**

📎 1 attachment

Add class comment

📖 **New material: Practical -5 Ectocarpus** ⋮

31 Jan 2021

1 class comment

📖 **New material: Practical-4 Vaucheria** ⋮

24 Jan 2021

Stream
Classwork
People

☰ **B.Sc First Year 20-21** ⚙️ ⋮

📖 **New material: Notes on TMV, T4 and Mycoplasma** ⋮

29 Dec 2020

5 class comments

👤 **raj first semester** ⋮

28 Dec 2020

Good morning students  
I posted a notes of viruses. And regarding this will take your class on Google meet today at 2 p.m . You can comment in the class related to this msg.

7 class comments

📖 **New material: Viruses** ⋮

28 Dec 2020

3 class comments

👤 **raj first semester** ⋮

9 Dec 2020

Hello students. Today I shared a link of primitive, important information of the cell. Watch this video carefully.

Stream
Classwork
People

☰ 👤 ⋮

## B.Sc. Sem IV 20-21

### Paper- II Plant genetics

Share with your class...

👤 **Rashmi Jachak** ⋮

28 May 2021

Good morning students  
Watch the posted video carefully and mark your attendance positively

Add class comment

❓ **New question: Attendance- 28 May 21** ⋮

28 May 2021

Add class comment

📖 **New material: gene regulation- Translation** ⋮

28 May 2021

Stream
Classwork
People

☰ **B.Sc. Sem IV 20-21** 👤 ⋮

👤 **Rashmi Jachak** ⋮

11 May 2021

[meet.google.com/ucc-gkbu-wjx](https://meet.google.com/ucc-gkbu-wjx) Join the class

Add class comment

👤 **Rashmi Jachak** ⋮

10 May 2021

Good morning students  
Tomorrow will take your class between 10 to 10:30 am

4 class comments

❓ **New question: Attendance- 4 May 21** ⋮

4 May 2021

Add class comment

📖 **New material: concept of gene** ⋮

4 May 2021

Add class comment

👤 **Rashmi Jachak** ⋮

4 May 2021

Stream
Classwork
People

Meeting ID: meet.google.com/tqt-wbkg-woc?pli=1&authuser=0

Meeting details

People (7)

IN CALL

- rajesh parate (You)
- Kanchan Kushwaha
- Madiha Tanzeel
- Rakshu Patil
- Sohail Athar
- Sonali Naktode
- surbhi zalke

Meeting controls: Turn on captions, Present now

Meeting ID: meet.google.com/fnn-shim-ocm?pli=1&authuser=0

Meeting details

People (9)

IN CALL

- rajesh parate (You)
- Arushi Adkane
- chandan singh
- janhvi hiwase
- Prajwal Mokarkar
- RISHABH DADORE

Meeting controls: Turn on captions, Present now

Meeting ID: meet.google.com/xqh-mvuq-hhq?pli=1&authuser=0

Meeting details

People (12)

IN CALL

- rajesh parate (You)
- Aasefa kausar
- Akanksha Patil
- Harshvardhan Kale
- Mubashshera Anjum
- Rehan Ashraf

Meeting controls: Turn on captions, Present now



Meet - new - Google Chrome  
meet.google.com/hag-gfvc-out?authuser=0881-en

Meeting details

People (19)

- Nitin Meshram (You)
- Aditi Fuzale
- Afiya Sayyad
- Anjali Chogare
- Asma fazeelat Sadique
- Bharti Masmare
- DIKSHA NAGOSE
- Dipali Ingole
- Jaya Tende
- Kajal Yadav

Meeting details

Turn on captions Present now

1:23 PM 18/5/2020

Meeting details

People (46)

- Amit Urey
- Anushka Khare
- Apurva Singh
- Astha Bhanke
- Ayushi Rai
- Bharti Masmare
- Gaurav Agutlewar
- HARSHADA KADAM

Meeting details

Turn on captions Present now

BSc Physics Sem V Meet - qrb-cwqs-gmq 1. Introduction - Introduction to x

meet.google.com/qrb-cwqs-gmq

You are presenting

## Statistical physics

- **Statistical physics** is necessary for the fundamental **study** of any physical system that has many degrees of freedom.
- The approach is based on **statistical** methods, probability theory and the microscopic physical laws.
- It **can** be used to explain the thermodynamic behaviour of large systems.

Meeting details

People (25)

Add people

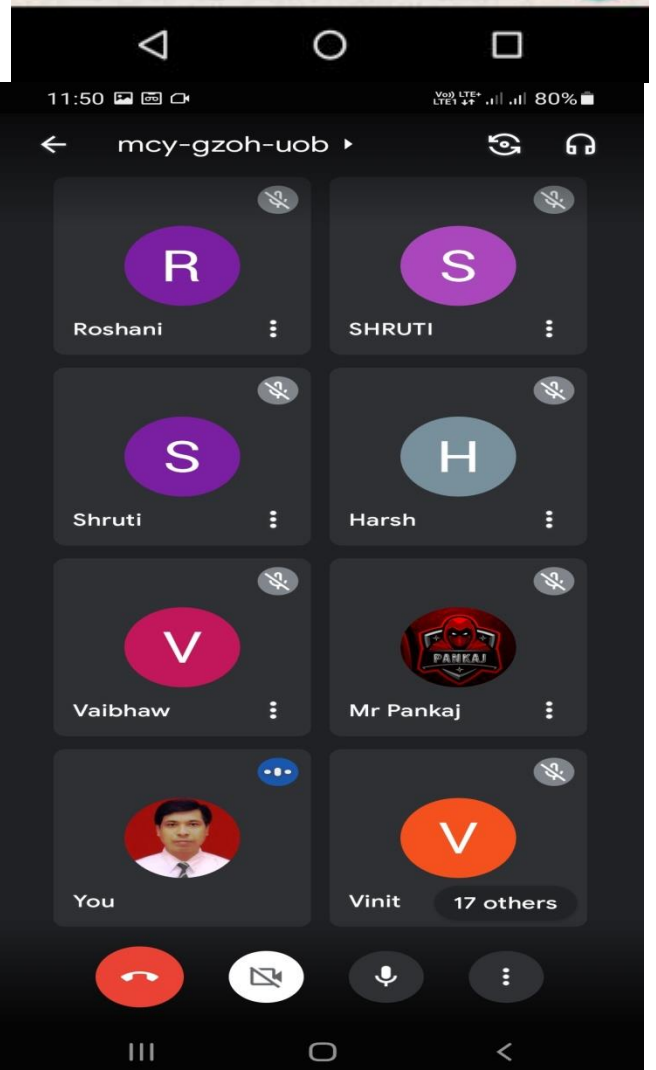
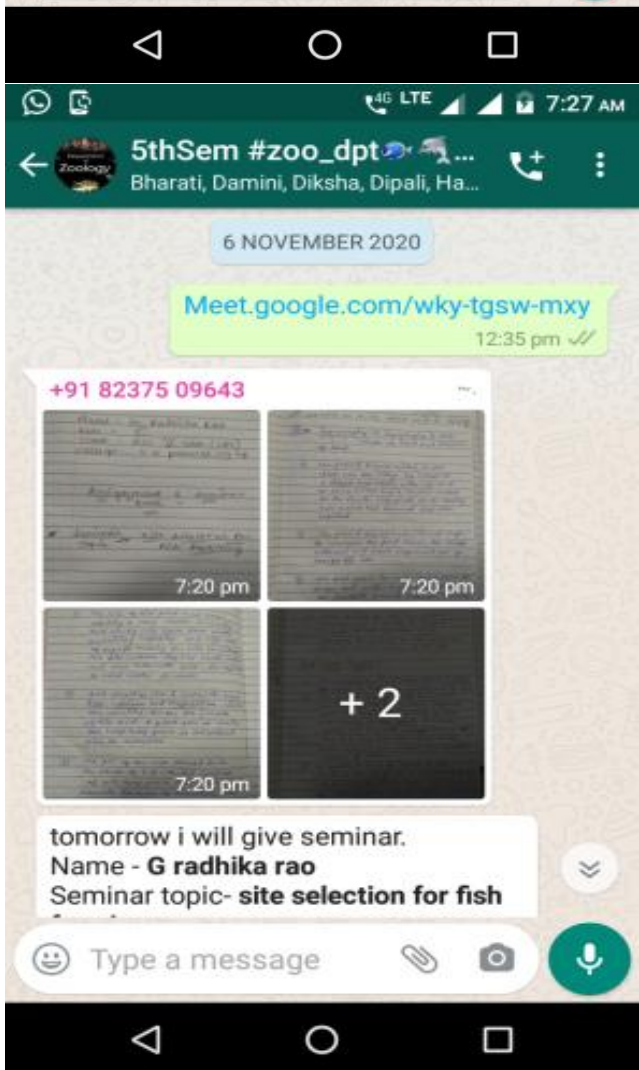
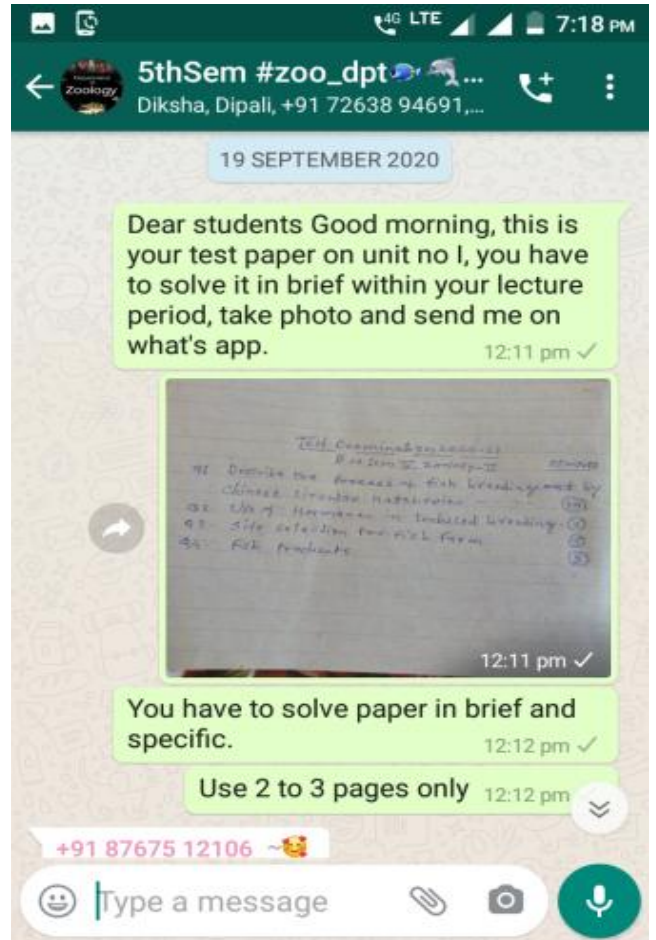
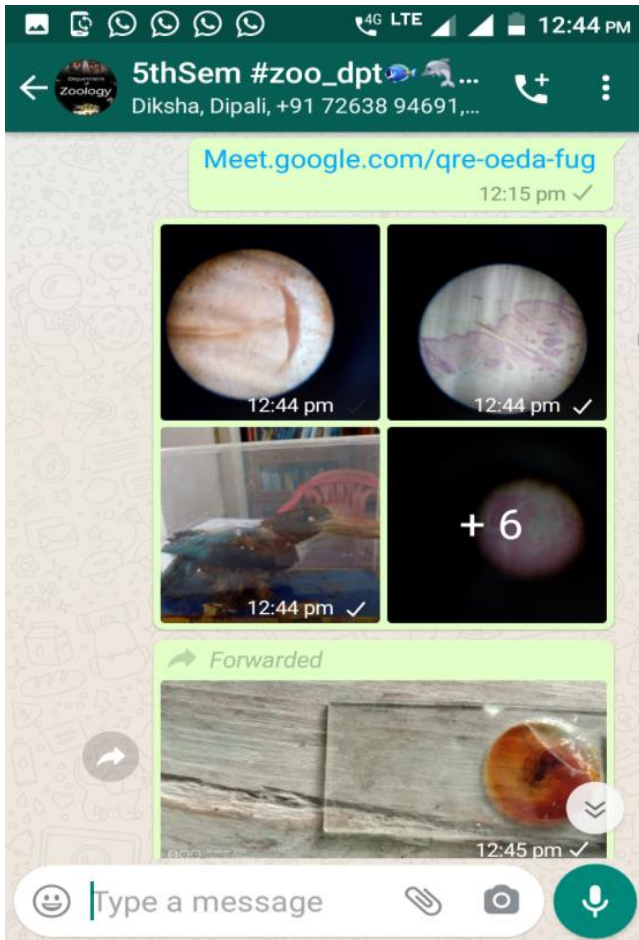
- Priyanka Bhojar (You)
- Priyanka Bhojar (Your Presentation)
- Aachal Kamble
- Aniket Gulani
- asma Ansari
- Deepshikha Singh
- DOLLY RAUT
- Haidery Production

Meeting details

Stop sharing Hide presenting

Type here to search

13:26 02-11-2020



meet.google.com/hxa-unqw-gfw?authuser=0&hl=en

Meeting details

People (14)

Add people

- Nitin Meshram (You)
- Afiya Sayyad
- Asma fazeelat Sadique
- Bharti Masmare
- Darshana Hood
- DIKSHA NAGOSE
- Elina Sanni
- Kajal Yadav

Meeting details

Turn on captions Present now

meet.google.com/thg-afj-vnn?authuser=0&hl=en

Meeting details

People (9)

Add people

- Nitin Meshram (You)
- Archna Pawar
- Arya Maske
- Harshal Bhaui
- Irfan Naaz
- Rashmi Sontakke
- Rohan Mishra
- Tanu Wasnik
- Tasneem Ansari

Meeting details

You

meet.google.com/kzm-xhvf-pyk?pli=1&authuser=0

PowerPoint Slide Show - [C++ ] - Microsoft PowerPoint

**Outside function as inline**

We can define a member function outside the class definition and still make it inline by just using the qualifier inline in the header line of the function definition.

Example:

```
#include<iostream.h>
#include<conio.h>
class InlineDemo
{
    int a;
    public:
    void getdata(int n);
    void show();
};
inline void InlineDemo::getdata(int n)
{
    a=n;
}
inline void InlineDemo::show()
{
    cout<<"Value of a="<<a;
}
```

```
void main()
{
    InlineDemo obj;
    obj.getdata(10);
    obj.show();
    getch();
}
```

Output:  
Value of a= 10

Meeting details

Pin yourself to your main screen.

People (18)

Add people



IN CALL


- Prof. Dipak Bhavs... (You)
- Prof. Dipak Bhavsagar Your presentation
- Aasha Kaithwas
- Anchal Sonule
- Anshita Pillai
- Arushi Adkane

Meeting details

meet.google.com is sharing a window. Stop sharing Hide

Turn on captions You are presenting



←  


 **raj first semester**  
2 Dec 2020

---



Hello students!  
Welcome you all in this virtual Google classroom.  
Here, I have posted a Syllabus of Botany Paper- I.  
NOTE THE FOLLOWING INSTRUCTIONS -  
1. Botany Paper- I class is on Wednesday and Thursday only.  
2. This is virtual Classroom everybody should regularly see or visit this classroom on wednesday and Thursday for further announcements, assignments, classwork, tests,quiz, study materials, practical manuals, online classes link and other notices.  
3. Everybody should download the Google meet and zoom app.  
4. Will send link regarding the online class in this google classroom only (not on Whatsapp group)  
5. If you have any kind of problem regarding this then only contact me.  
6. You can reply me or comment in this classroom strictly on the subject only.  
7. Attendance is compulsory in online classes.


Class comments

☰  



**B.Sc Sem V 2020-21**  
Paper-II Plant Ecology-I


 Share with your class... 

 **Dr. Rashmi Jachak**  
27 Jan 2021

[meet.google.com/uke-kaba-jda](https://meet.google.com/uke-kaba-jda)

join meeting at sharp 5



1 class comment


 **Dr. Rashmi Jachak**  
24 Jan 2021 (Edited 27 Jan 2021)

[meet.google.com/uke-kaba-jda](https://meet.google.com/uke-kaba-jda)













join meeting at sharp 8:30


Add class comment

Stream  **Rashmi**  People




**Unit -I** 


---



-  **Bacteria- Notes**  
Posted 30 Dec 2020  1 
-  **Notes on TMV, T4 and Mycopl...**  
Posted 29 Dec 2020  5 
-  **Viruses**  
Posted 28 Dec 2020  3 
-  **Basic information of the cell**  
Posted 9 Dec 2020  3 



**Syllabus** 



---



-  **Botany Syllabus- Paper-I**  
Posted 2 Dec 2020  3 





Stream  **Classwork**  People

Stream  **Classwork**  People

☰ **B.Sc Sem V 2020-21**  



 **New material: Synecology**  
23 Jan 2021 

1 class comment



 **Dr. Rashmi Jachak**  
23 Jan 2021 

Hello students. Hope all of you are well.  
You have class tomorrow morning 8:30 a.m. Link will be share in Google classroom only



16 class comments

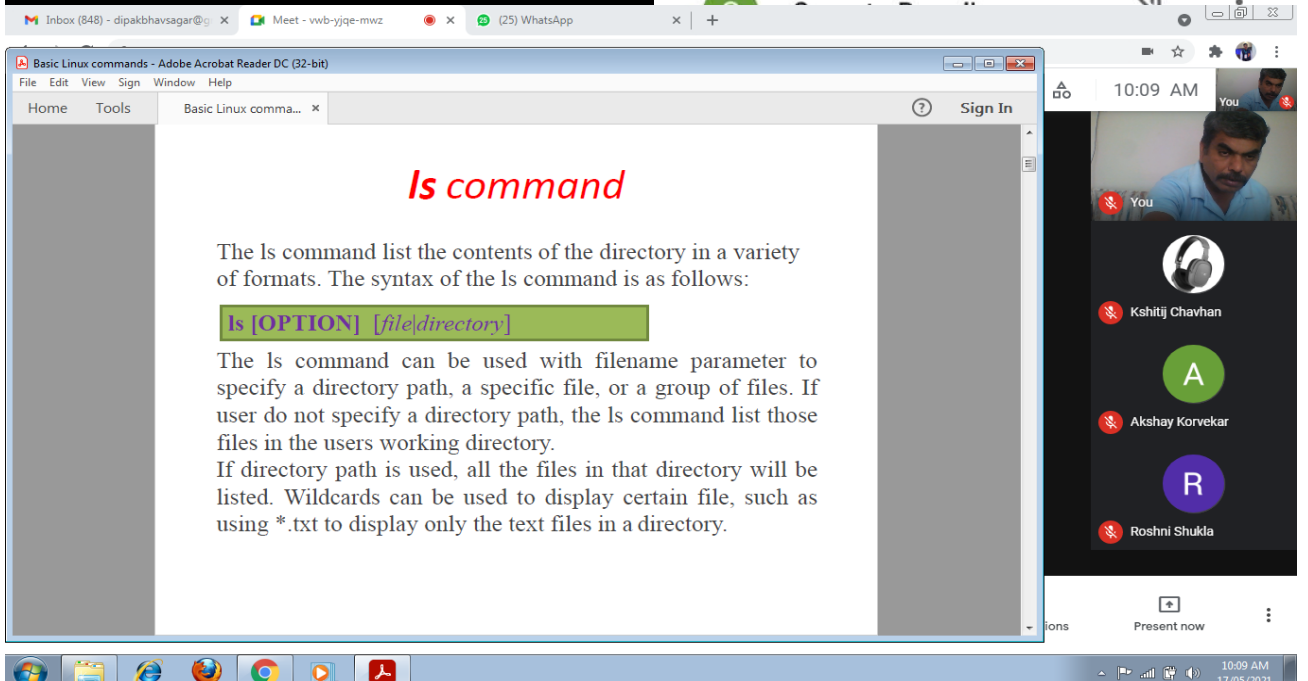
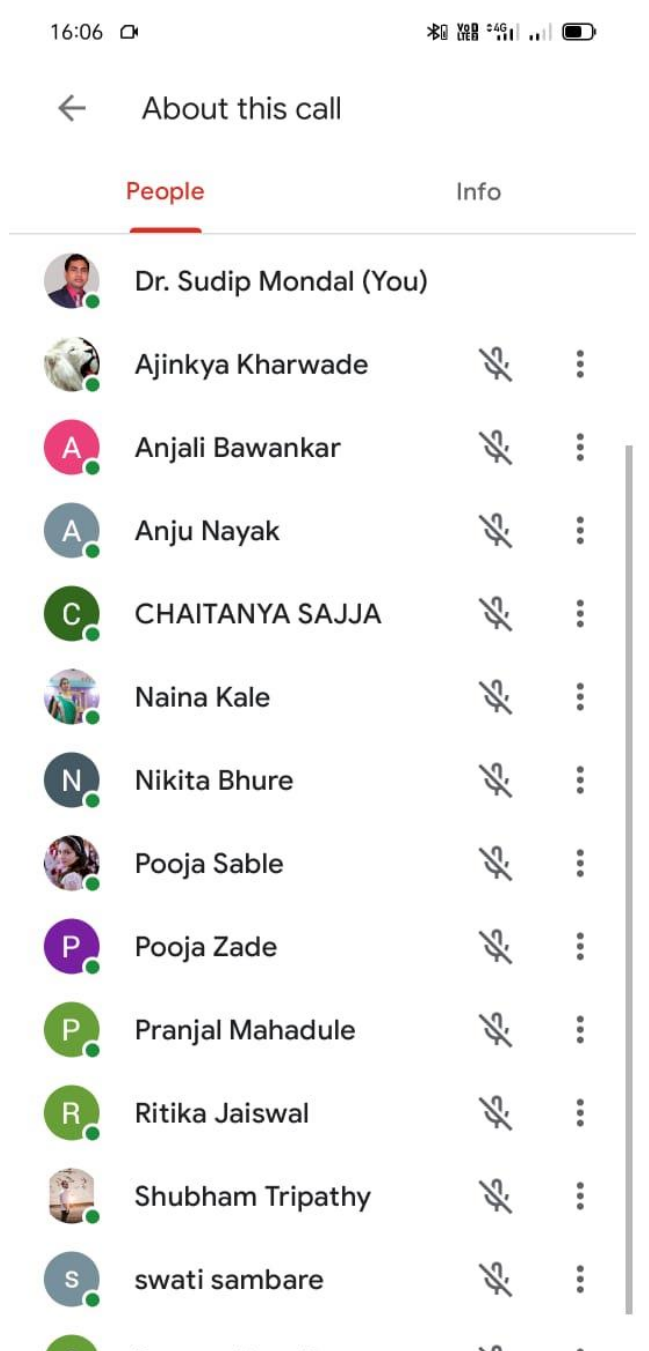
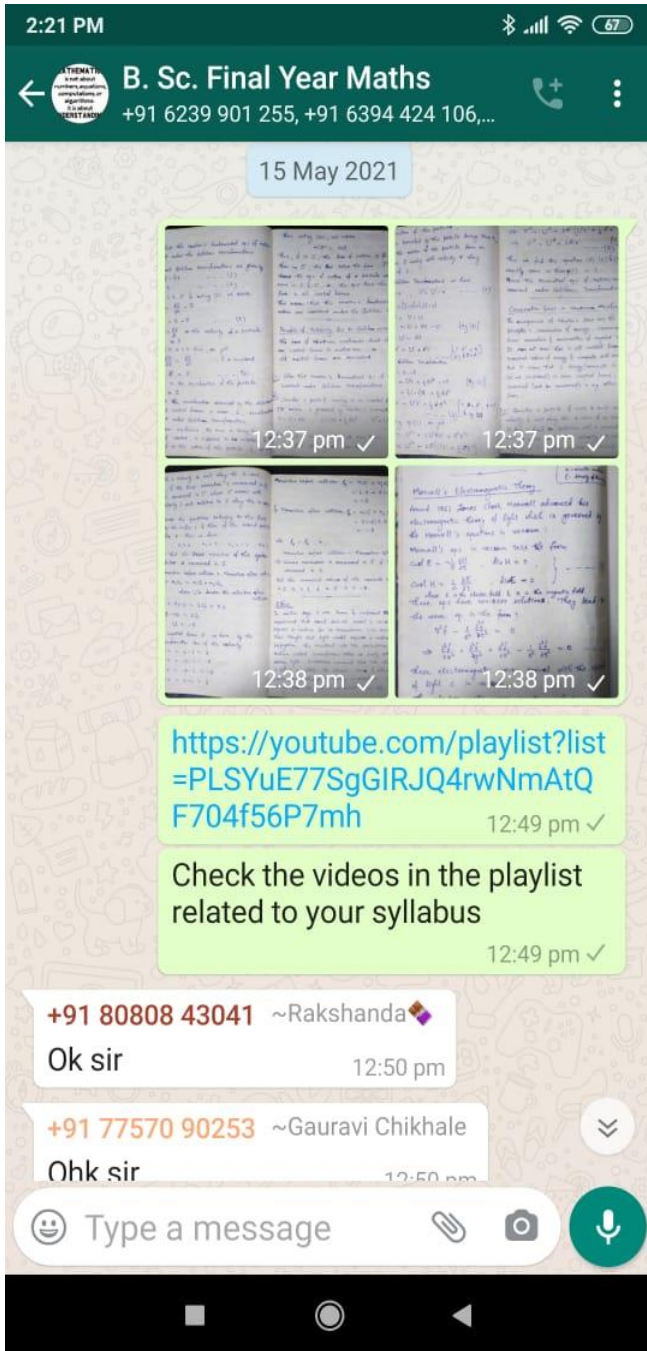
 **New material: Autecology- Link**  
19 Dec 2020 (Edited 19 Dec 2020) 

Add class comment

 **Dr. Rashmi Jachak**  
8 Dec 2020 

Good morning students hope you are all well and complete the notes and materials in time.  
Today I posted notes on the topic -

Stream  **Classwork**  People



meet.google.com/qrb-cwqs-gmq

You are presenting

# Spectral notation

Na atom  $1s^2 2s^2 2p^6 3s^1$

Single optical electron in last shell-ground state.

$3s^1$   $n=3, l=0$

$J = l + s = 0 + 1/2 = 1/2$

S is **singlet state** with  $J=1/2$   $^1S_{1/2}$

This electron can make transition to higher states P,D,F

$1s^2 2s^2 2p^6 3s^1 3p^6 4s^1$

$3p^6$   $n=3, l=1$

Meeting details

People (22)

Add people

- Priyanka Bhoyar (You)
- Priyanka Bhoyar (Your Presentation)
- asma Ansari
- Chetna Paidalwar
- Deepshikha Singh
- DOLLY RAUT
- Gauravi Chikhale
- Gourishankar Tijare

Meeting controls: Microphone, End call, Video off, Turn on captions, You are presenting

meet.google.com/cpm-crsy-wyy

You are presenting

Meeting details

person\_add Add people

IN CALL

- Alok Rai (You)
- Alok Rai Your presentation
- Ankita Kaikadi
- Ashwini Dani
- Bhagyashree zade
- Harshalata Bagmare

Meeting controls: Microphone, End call, Video off

meet.google.com/...

You are presenting

Meeting details

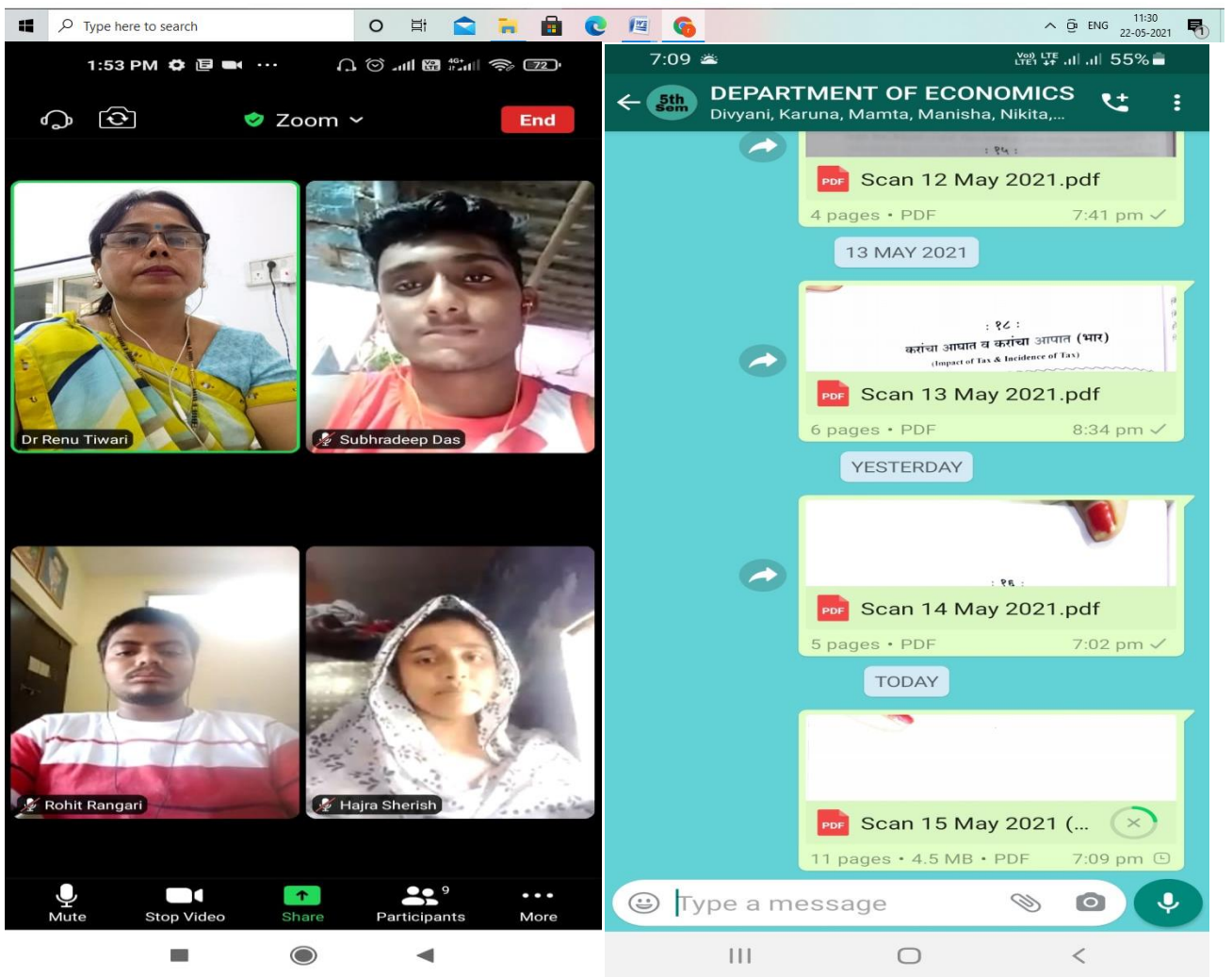
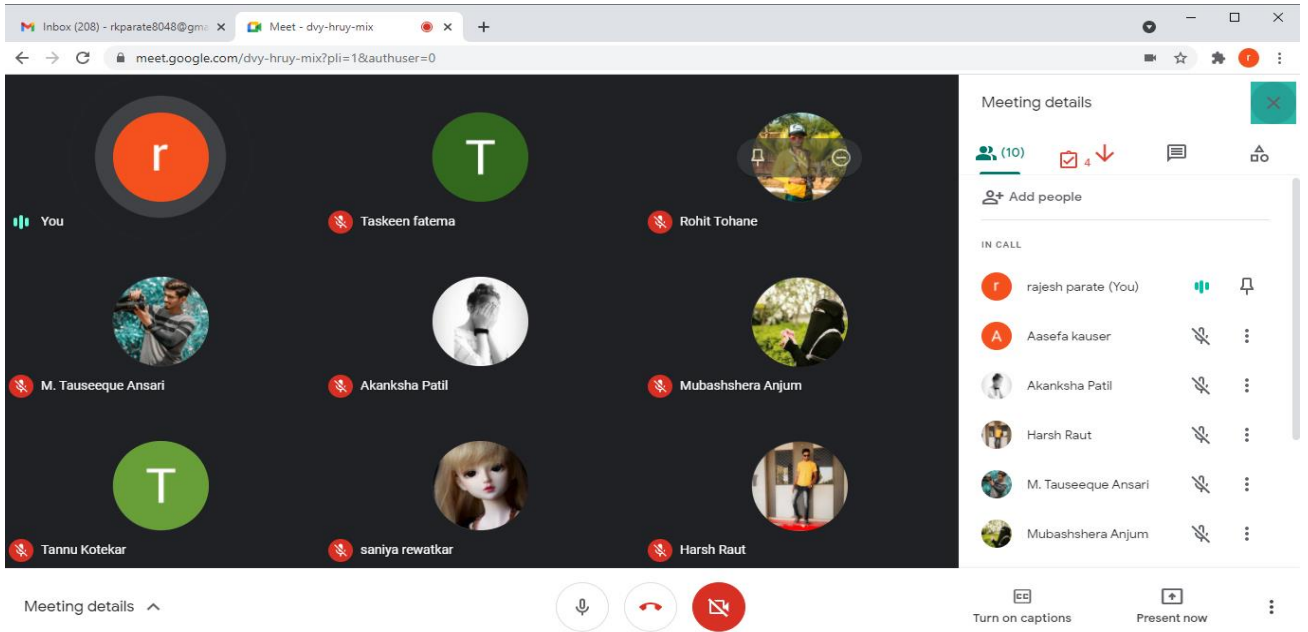
People (10)

Add people

IN CALL

- rajesh parate (You)
- aachal gargelwar
- Aafreen khan
- Madiha Tanzeel
- Muskan Shinde
- Rakshu Patil
- Shweta Nimkar
- Sonali Naktode

Meeting controls: Microphone, End call, Video off, Turn on captions, Present now



  
**Co-ordinator  
 IQAC**  
**Seth Kesarimal Porwal College  
 of Arts & Science & Commerce  
 Kamptee**



  
**Principal**  
**Seth Kesarimal Porwal College of  
 Arts & Science & Commerce, Kamptee**