



# NABIRA MAHAVIDYALAYA KATOL

## **Criterion 1 - Curricular Aspects**

### **1.1 - Curricular Planning and Implementation**

**1.1.1 - The Institution ensures effective curriculum delivery through a well-planned and documented process**

## Comparative chart showing updates of ICT facilities:

| <b>S/N</b> | <b>Facility</b>                           | <b>2019-20</b>   |
|------------|---|--|
| <b>1</b>   | <b>Total Computers/Laptop</b>             | <b>160</b>   |
| <b>2</b>   | <b>Campus Network</b>                     | <b>connection with Wi-Fi through FTTH in office, Library, Departments, Laboratory, and campus Wi-Fi facility</b> |
| <b>3</b>   | <b>Internet speed</b>                     | <b>50 MBPS</b>   |
| <b>4</b>   | <b>Computer laboratory / centers</b>      | <b>03</b>  |
| <b>5</b>   | <b>E-learning classrooms</b>              | <b>03</b>  |
| <b>6</b>   | <b>ICT enabled classrooms</b>             | <b>18</b>  |
| <b>8</b>   | <b>Printers with scanners</b>             | <b>36</b>  |
| <b>9</b>   | <b>e-Journals</b>                         | <b>6000+</b>   |
| <b>10</b>  | <b>e-Books</b>                            | <b>2 Lakhs+</b>  |
| <b>11</b>  | <b>Language Laboratory</b>                | <b>01</b>  |
| <b>12</b>  | <b>Number of Books in Central Library</b> | <b>36,519</b>  |
| <b>13</b>  | <b>Number of LCD Projectors</b>           | <b>39</b>  |
| <b>14</b>  | <b>Barcode scanner</b>                    | <b>Nil</b>   |

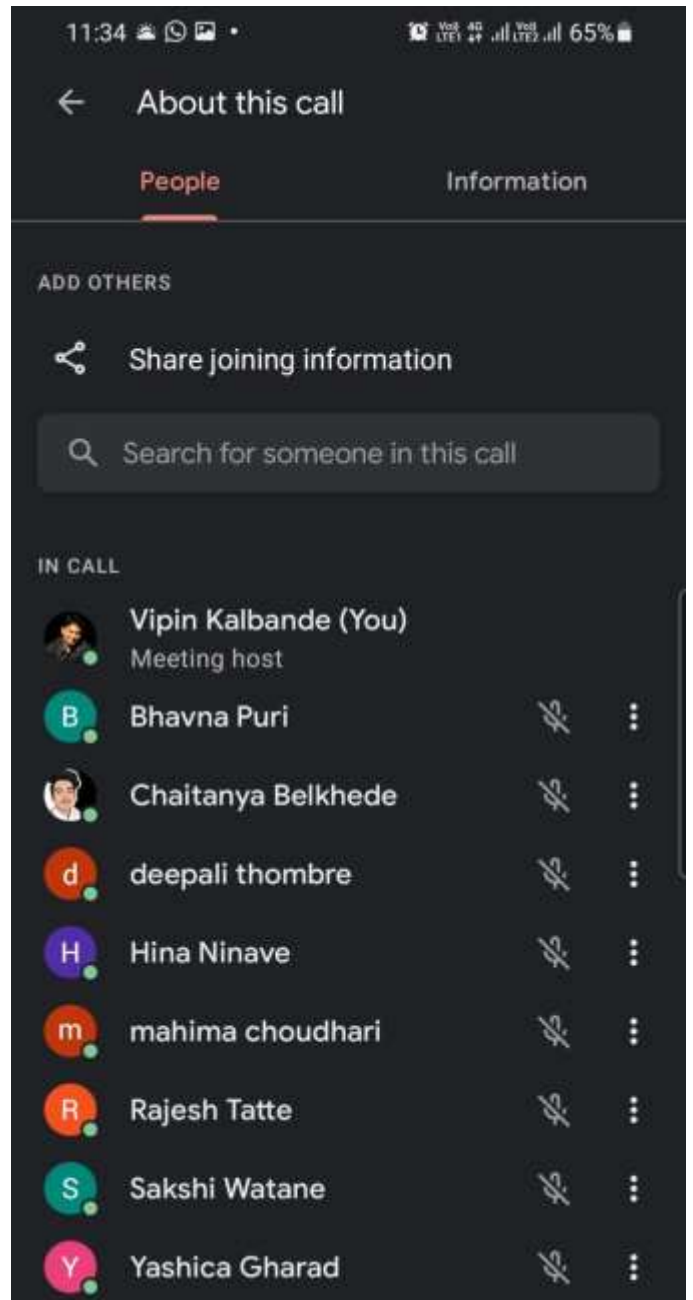
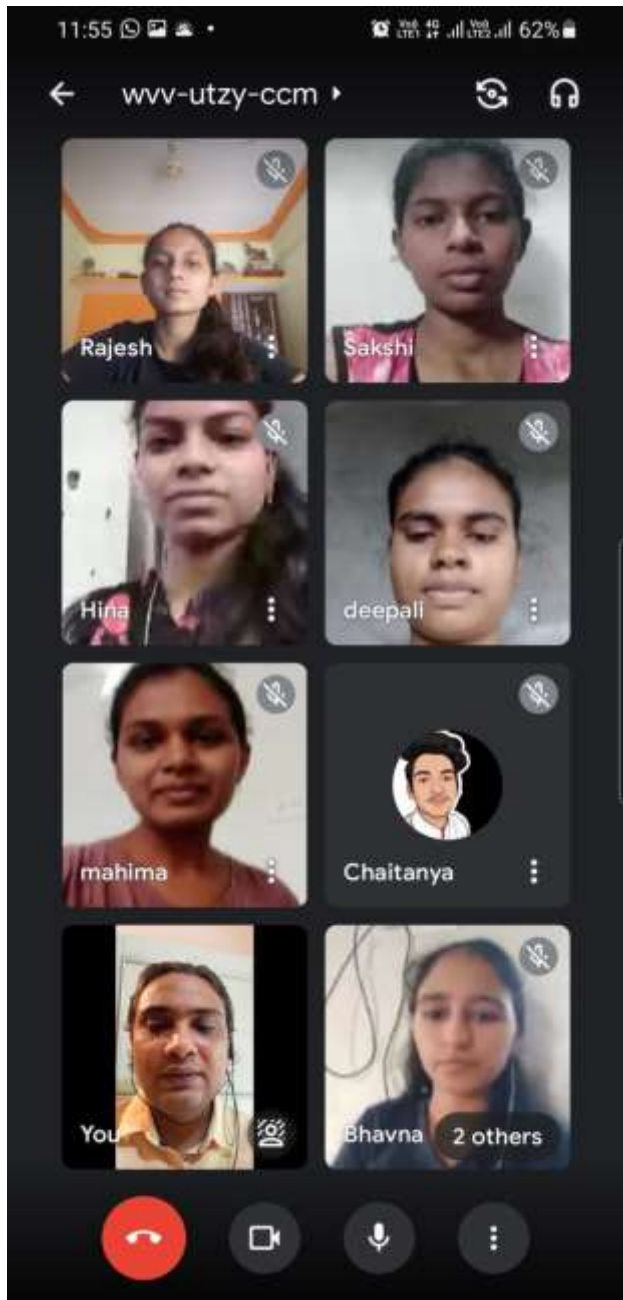


## ICT Enabled Classrooms



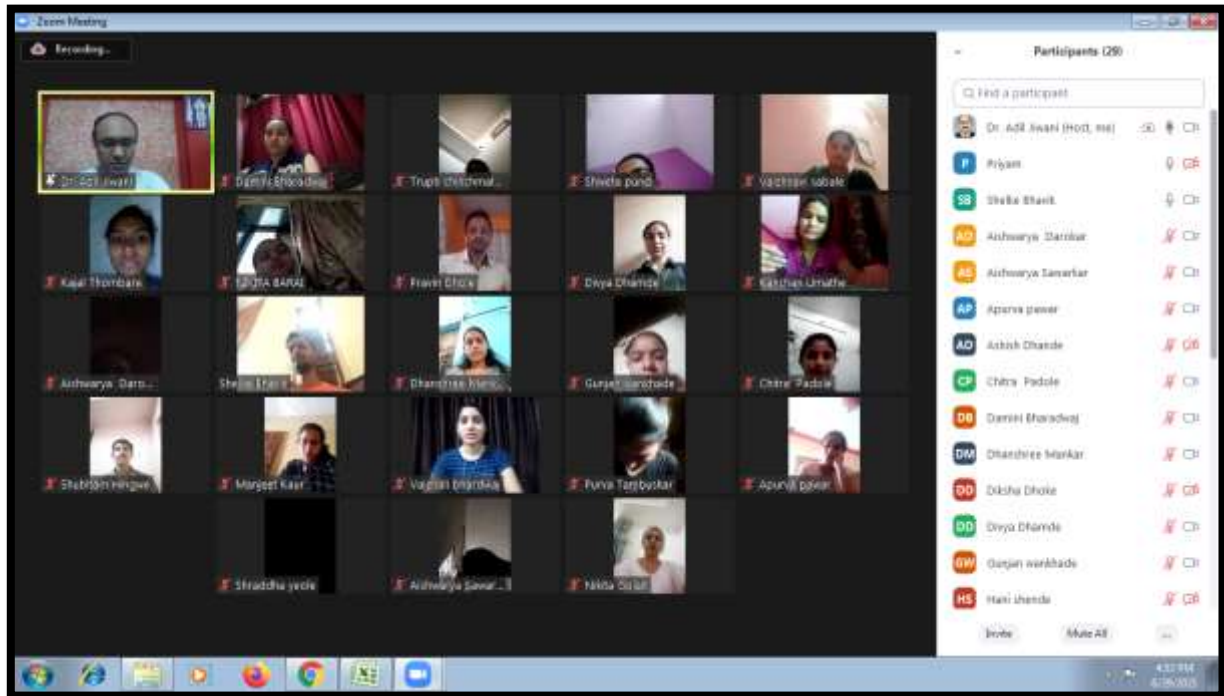




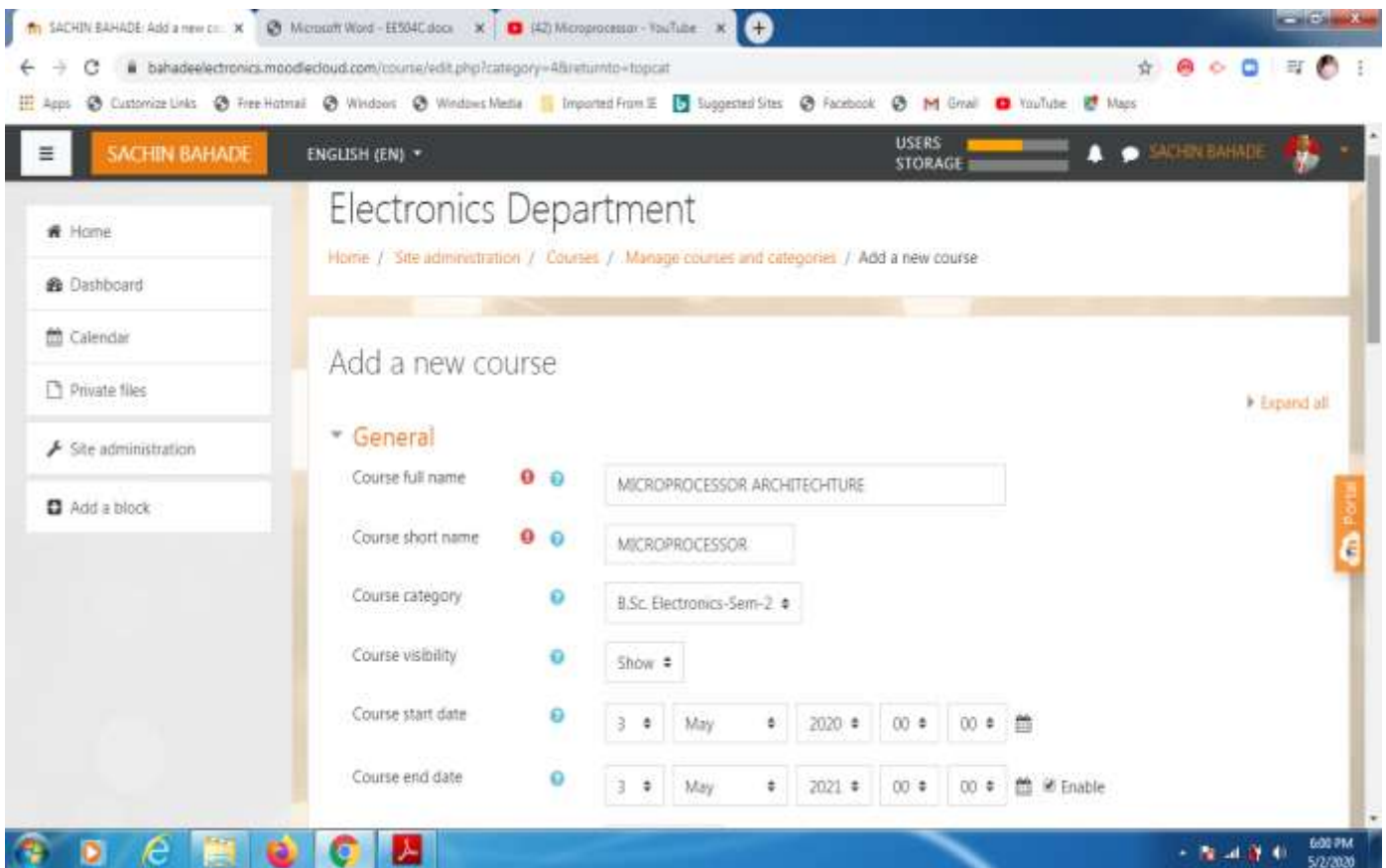


The image is a screenshot of a video lecture. At the top, there is a status bar with the time 11:30, 4G LTE signal strength, VoLTE, and a battery icon at 69%. In the top right corner, there are icons for mute, video off, and a headset. A small inset window in the top right shows a woman with glasses and a pink top. The main video frame shows a man in a red and black checkered shirt standing in front of a chalkboard. The chalkboard has the following text written on it: "DEPARTMENT OF MICROBIOLOGY & BIOTECHNOLOGY" at the top, "Microbiology" in the center, and three bullet points: "What is Microbiology?", "Scope of Microbiology?", and "Opportunities -?". At the bottom left of the video frame, there is a signal strength icon and the name "gopu hirulkar". Below the video frame is a navigation bar with three icons: a hamburger menu, a square, and a triangle.





# GOOGLE CLASSROOM / MOODLE / GOOGLE SITE

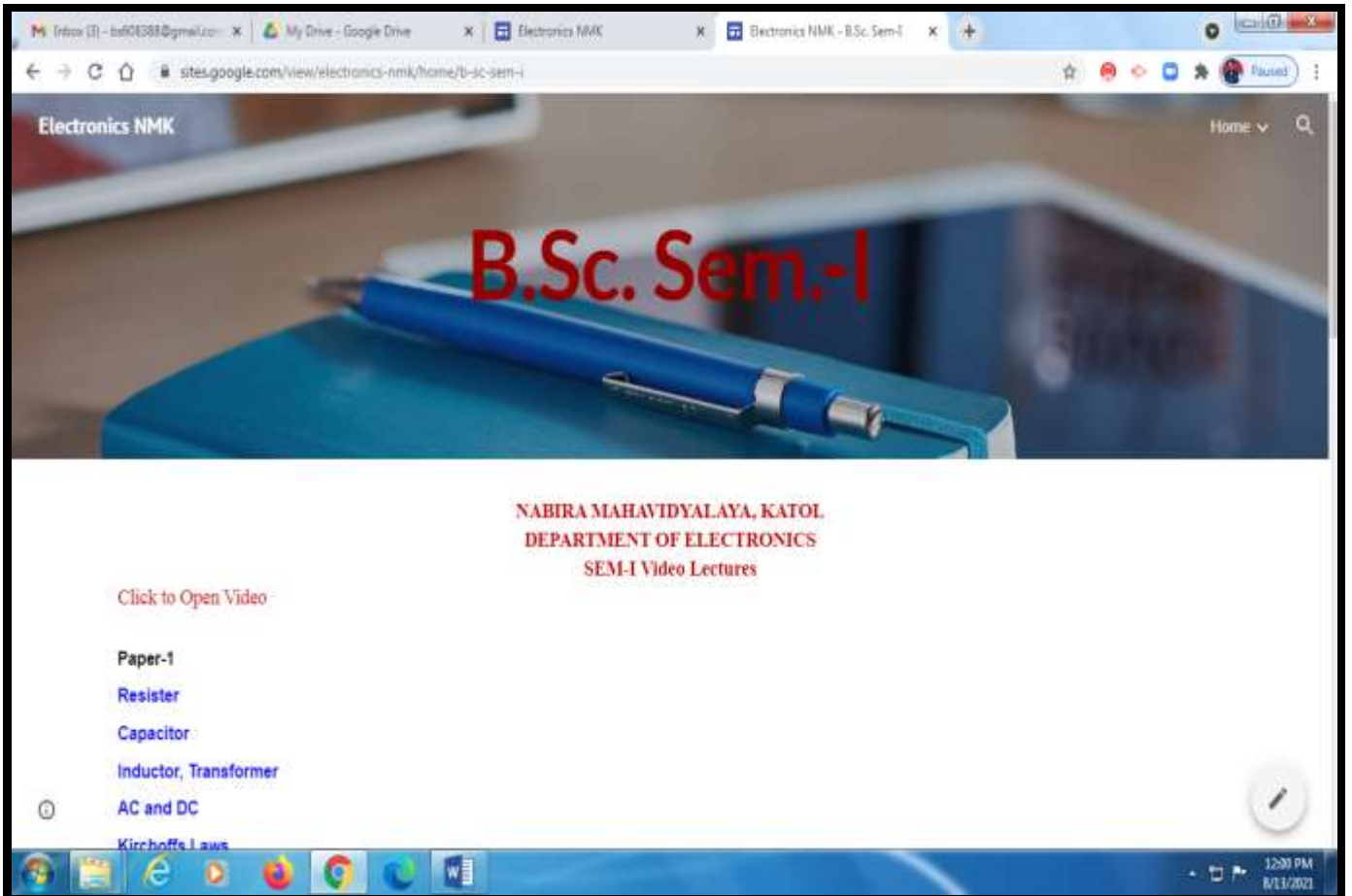


The screenshot shows the Moodle LMS user management interface. The user is logged in as SACHIN BAHADE. The page title is "Electronics Department". The breadcrumb trail is "Home / Site administration / Users / Accounts / Browse list of users". The main content area displays "27 Users" and a "New filter" section with a search box for "User full name" containing "contains". Below the filter is a table of users:

| First name / Surname | Email address                | City/town | Country | Last access    | Edit   |
|----------------------|------------------------------|-----------|---------|----------------|--------|
| Abhishek Bhalavi     | abhishekbhalavi507@gmail.com | Katol     | India   | 2 days 5 hours | [Edit] |
| Akansha Bhatnagar    | akanshabhatnagar@gmail.com   | Katol     | India   | 2 days 5 hours | [Edit] |

The interface also includes a sidebar with navigation options like Home, Dashboard, Calendar, Private files, Site administration, and Add a block. A right sidebar shows "Admin bookmarks" and "Bookmark this page". The system status bar at the bottom indicates "Blocks editing off" and the time is 6:14 PM on 5/2/2020.

The screenshot shows a website home page for Nabira Mahavidyalaya, Katol, Department of Electronics. The page features a large blue banner with the text "Nabira Mahavidyalaya, Katol Department of Electronics". A navigation menu on the right lists the following semesters: B.Sc. Sem-I, B.Sc. Sem-II, B.Sc. Sem-III, B.Sc. Sem-IV, B.Sc. Sem-V, and B.Sc. Sem-VI. The page is viewed in a browser window with the URL "sites.google.com/view/electronics-nmk/home". The system status bar at the bottom indicates the time is 11:50 AM on 8/13/2021.



Electronics NMK

# B.Sc.-Sem-II

[Paper-1-Unit-1 Notes](#)

Paper-1-Unit-1 Lectures

- [Lecture-1](#)
- [Lecture-2](#)
- [Lecture-3](#)

12:00 PM  
6/13/2021

Electronics NMK

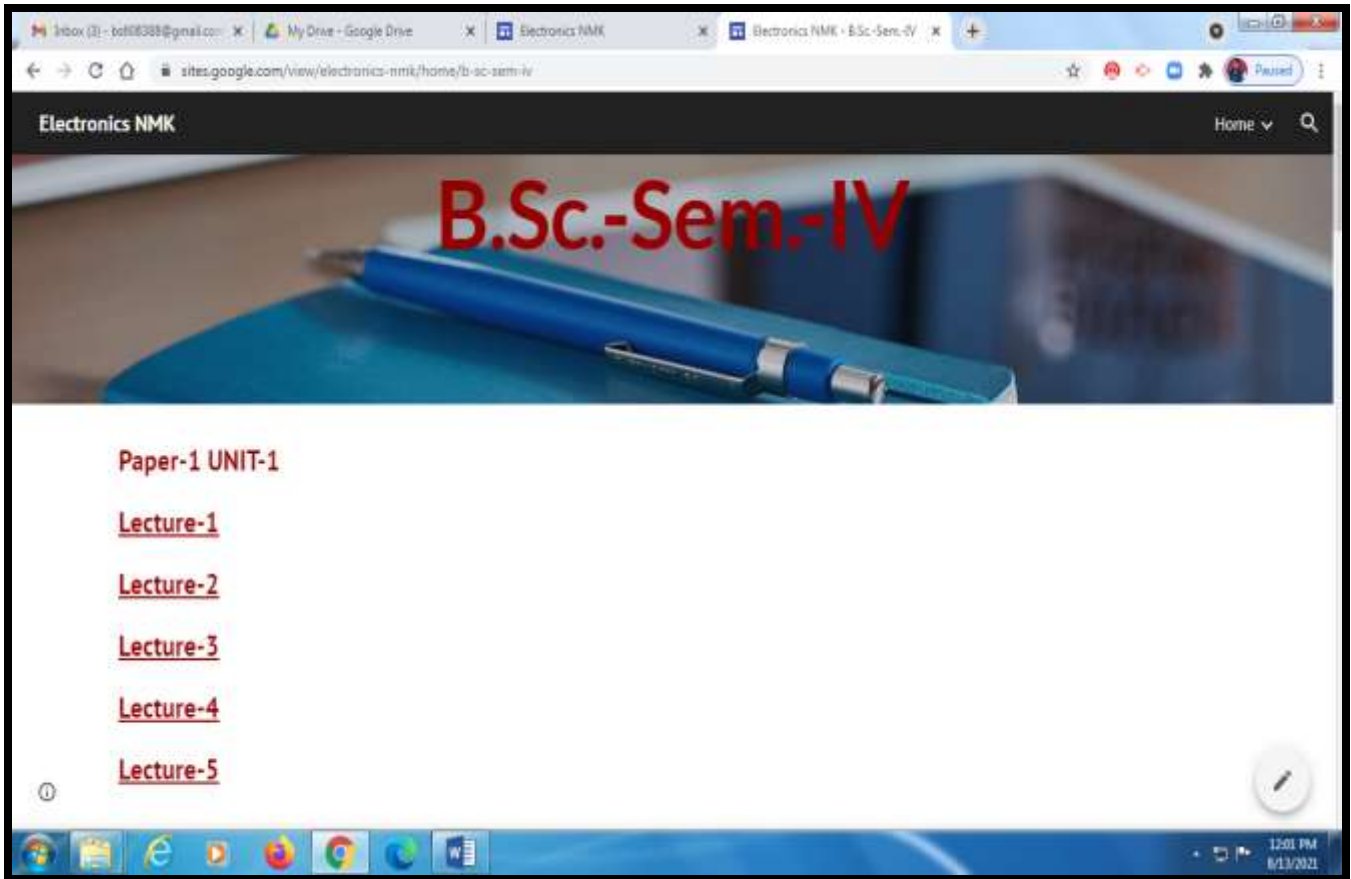
# B.Sc.-Sem-III

NABIRA MAHAVIDYALAYA, KATOL  
DEPARTMENT OF ELECTRONICS  
SEM-III Video Lectures

[Click to Open Video](#)

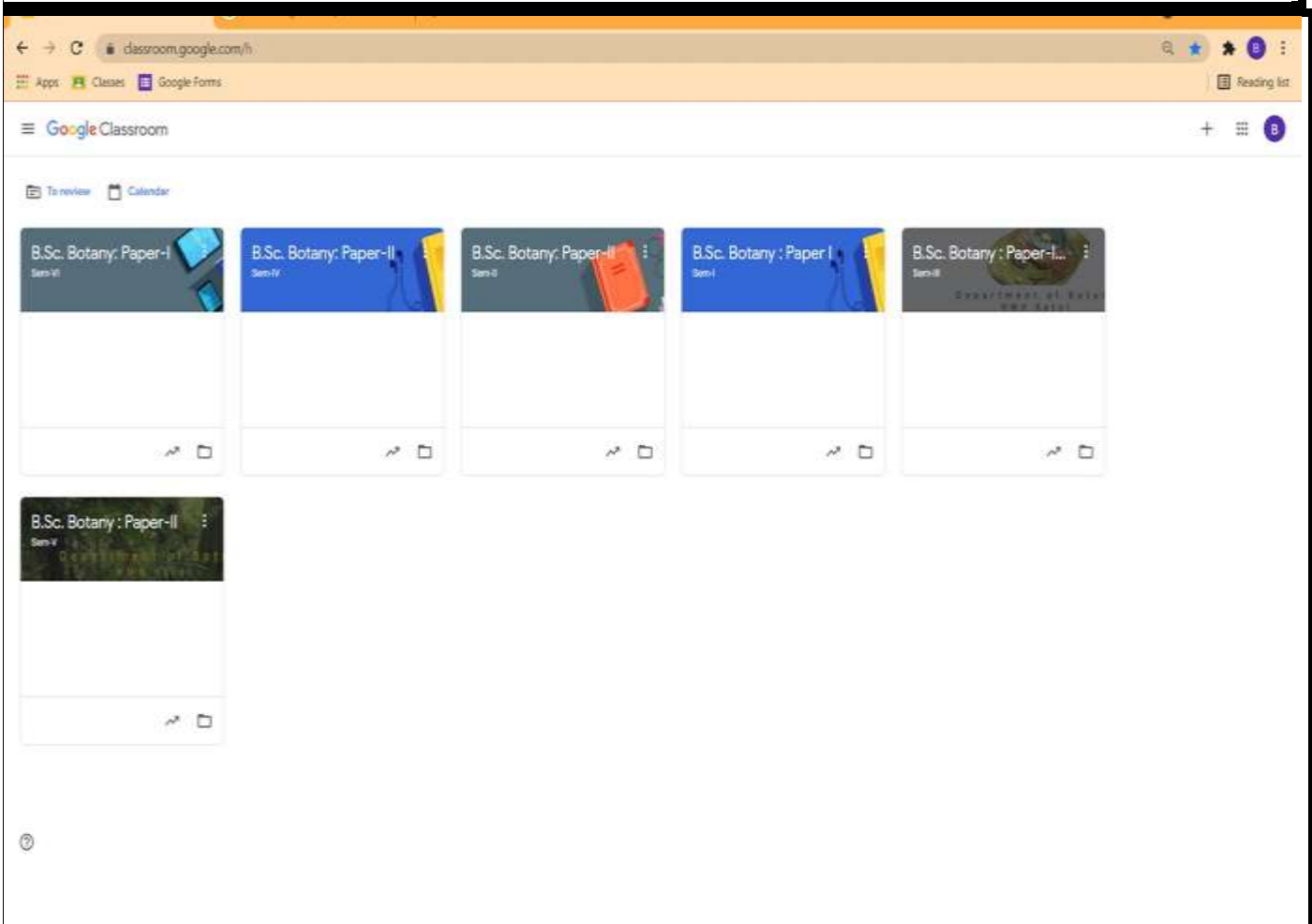
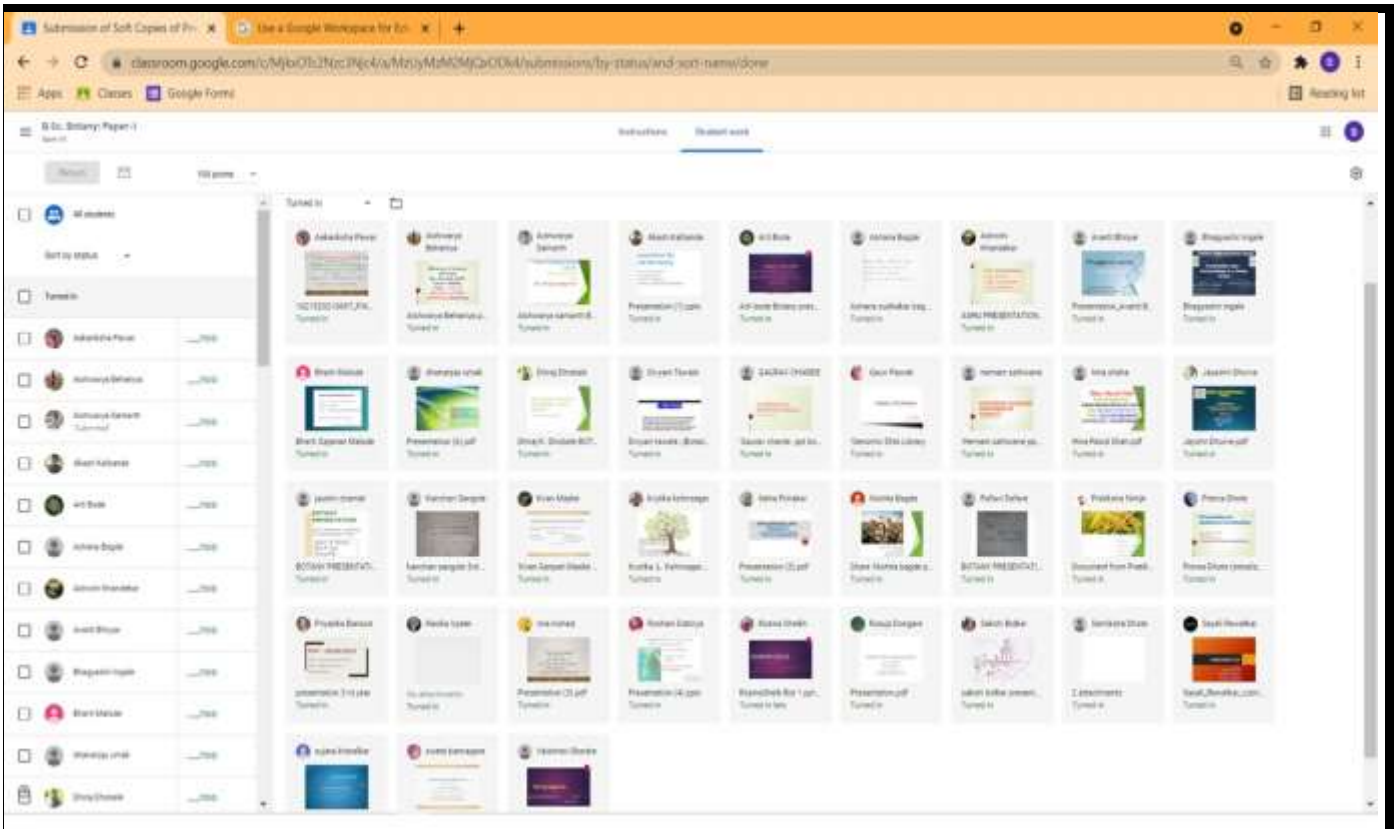
- [Non-Inverting](#)
- [Buffer](#)
- [Adder-subtractor](#)
- [Integrator](#)
- [Differentiator-Comparator](#)
- [Schmit-triger](#)
- [Full Wave Rectifier](#)

12:01 PM  
6/13/2021



The screenshot shows a web browser window with the URL [sites.google.com/view/electronics-nmk/home/b-sc-sem-vi](https://sites.google.com/view/electronics-nmk/home/b-sc-sem-vi). The page features a blue header with the text "Electronics NMK" and a "Home" dropdown menu. Below the header is a large image of a blue pen on a blue notebook with the text "B.Sc. Sem.-VI" overlaid in yellow. Underneath the image, the text "NABIRA MAHAVIDYALAYA, KATOL DEPARTMENT OF ELECTRONICS SEM-VI Video Lectures" is displayed in red. A list of lecture links is provided in yellow: [Lecture-1-U1](#), [Lecture-2-U1](#), [Lecture-3-U1](#), and [Lecture-4-U1](#). The Windows taskbar at the bottom shows the time as 12:02 PM on 8/13/2021.

The screenshot displays a Google Classroom interface for a course titled "B.Sc. Botany Paper". The "Classwork" tab is active, showing a list of assignments and materials. The items are organized into sections: "Practical" (with a sub-item "Practical material as mentioned in syllabus"), "Syllabus" (with a sub-item "Syllabus copy"), "Internal Assessment" (with a sub-item "Submission of Soft Copies of Presentation..."), "Unit-IV Genetic Engineering" (with a sub-item "Genetic Engineering"), and "Unit-III Plant Tissue Culture" (with sub-items "PTC Nutrient Media", "PTC Sterilization Techniques", and "Complete notes on Plant Tissue Culture Unit..."). The interface includes a "Create" button, "Google Calendar" and "Class Drive folder" links, and a "Reading list" icon.



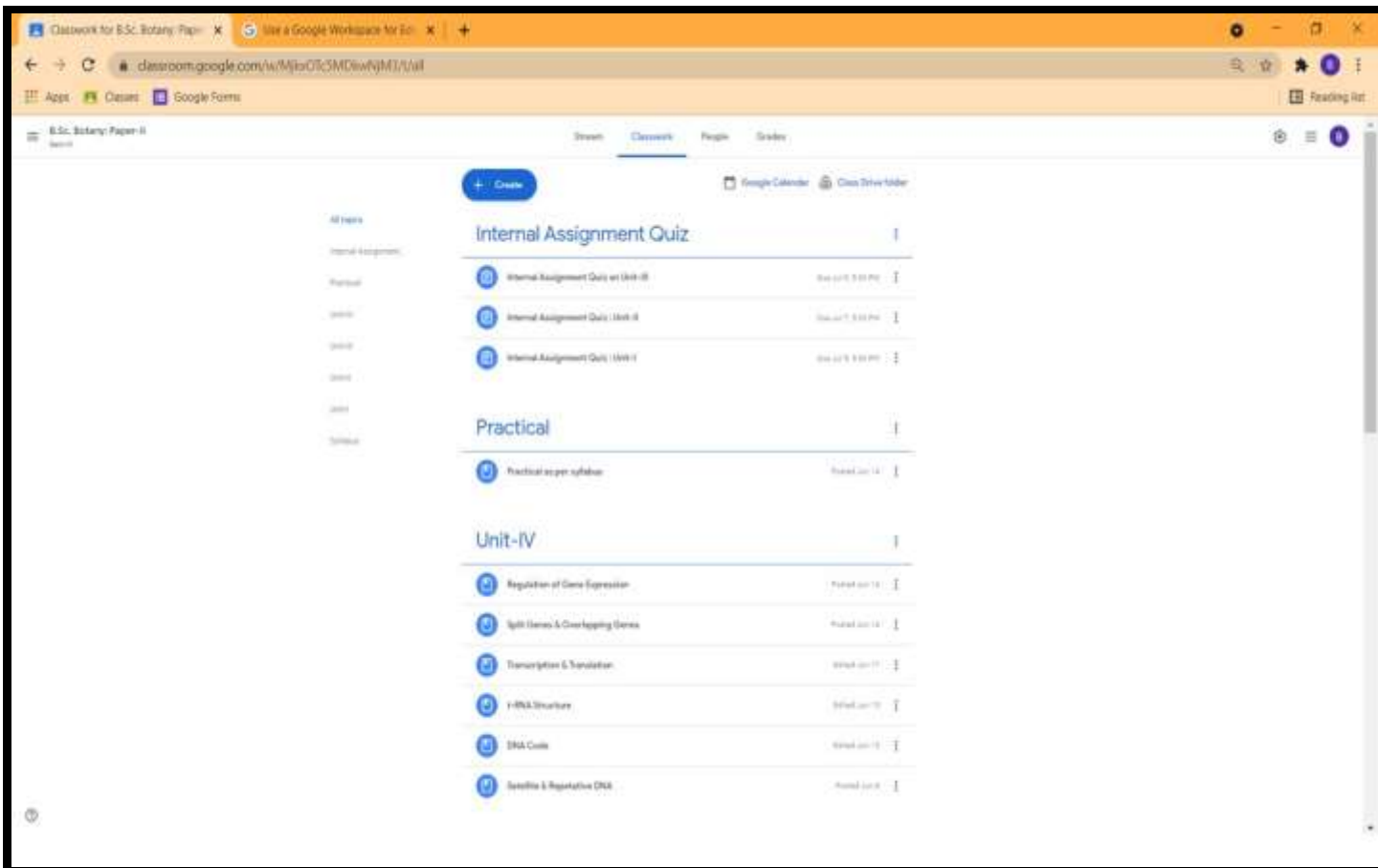
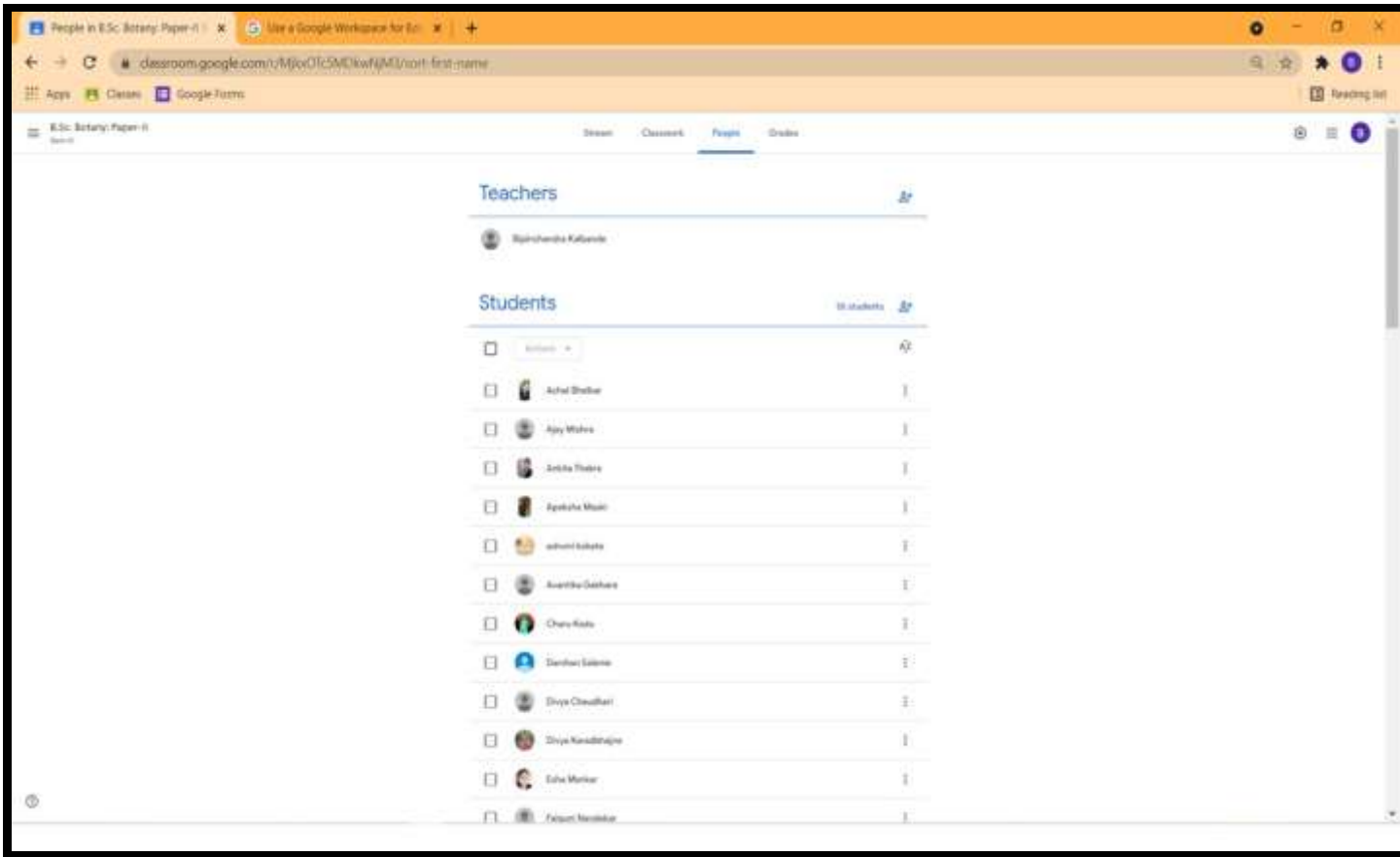


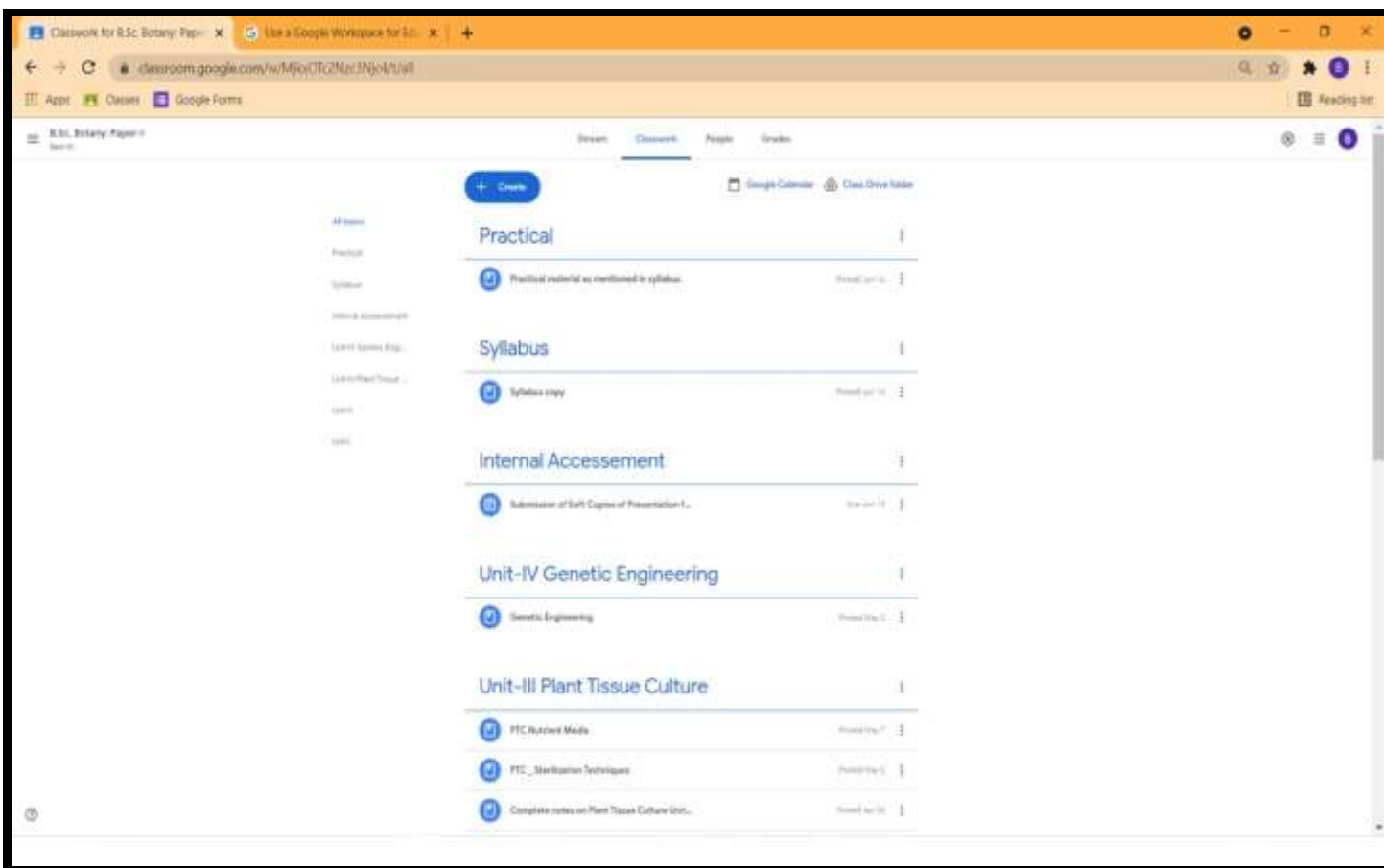
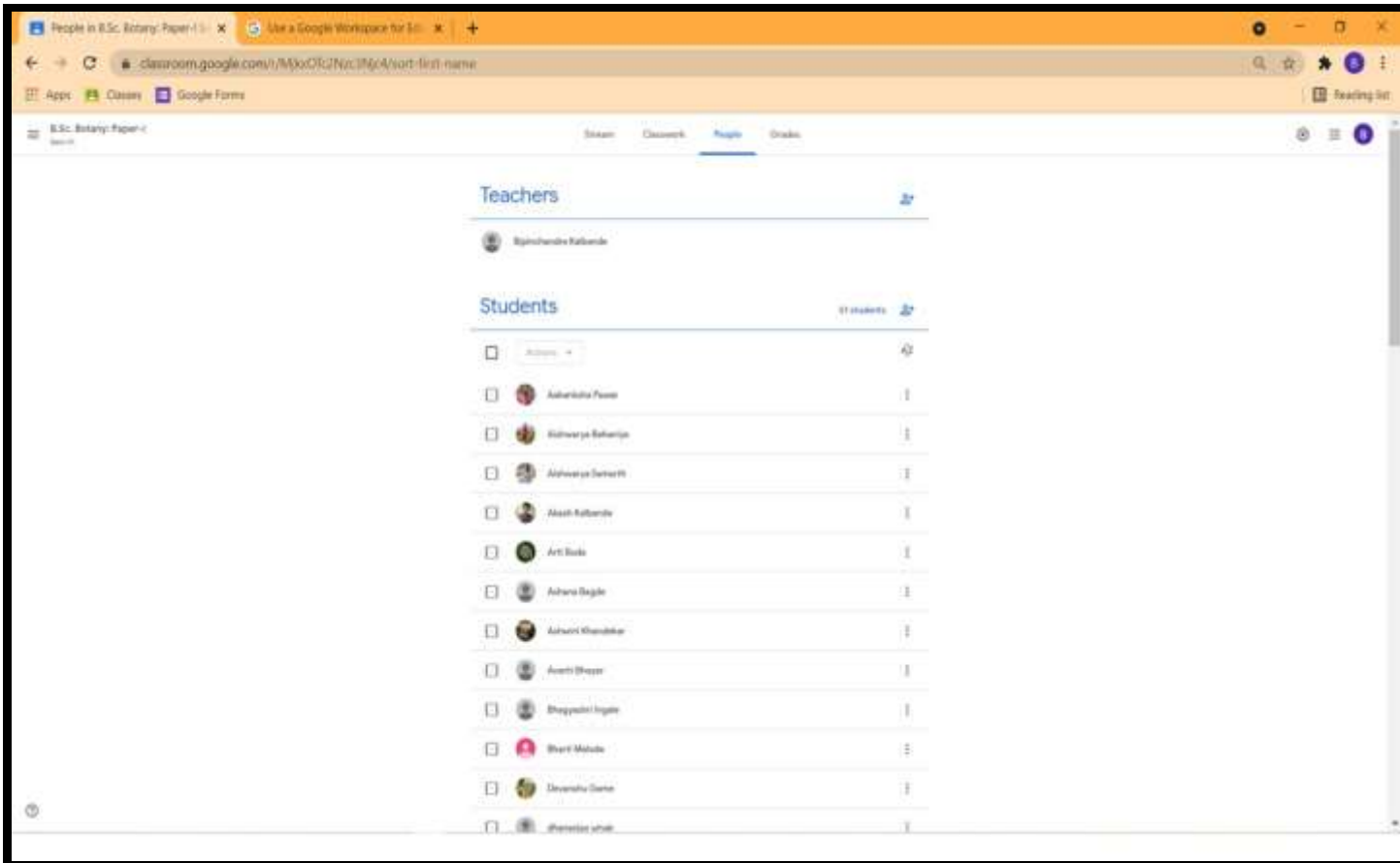
The screenshot shows the Google Classroom interface for a class titled "B.Sc. Botany: Paper-II Sem-II" with class code "2r194...". The page is divided into sections: "Upcoming" (currently empty), "Announce something to your class", and a list of recent posts by the teacher, Spinchandra Kalkande. The posts include assignments and materials on topics such as "Submission of internal assignments", "Floriculture Introduction", "Fruits & Fruit Types", "Floral Formula & Floral Diagram", "Gynoecium & its types", "Androecium & its types", and "Corolla (Petals)".

The screenshot shows the "People" page of the same Google Classroom. It lists the class members under two categories: "Teachers" and "Students".

| Category | Name                 | Status  |
|----------|----------------------|---------|
| Teachers | Spinchandra Kalkande | Teacher |
| Students | ashish mawar         | Student |
| Students | ashya sasankar       | Student |
| Students | ACTWARTO SAWANBAP    | Student |
| Students | angry unknown        | Student |
| Students | Aniket Shinde        | Student |
| Students | Anantika Pulkas      | Student |
| Students | Anantika Pulkas      | Student |
| Students | shaktiya (jari)      | Student |
| Students | Chetna Chapekar      | Student |
| Students | Darshan Chavan       | Student |
| Students | Disha Dinkarvator    | Student |
| Students | Shravan Mawar        | Student |







10:56

VoLTE LTE1 LTE2 4G

Google Classroom



B.Sc. sem-III (Non Grant)  
Paper-2

33 students

B.Sc. - Sem.- III (Grant)  
Section -2

116 students

B.Sc. Chemistry  
1 year

10 students

Organic Chemistry  
B.Sc First Year

72 students



10:56

VoLTE LTE1 4G LTE2



Instructions

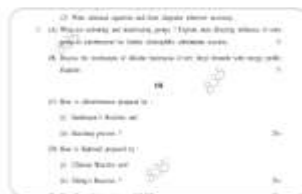
Student work

Due 5 Feb

# Organic Chemistry Paper - 2 sem-3 Assignment

30 points

## Attachments



bsc-3-sem-chemistry-(o  
rganic-chemistry)-su...



bsc-3-sem-chemistry-or  
ganic-chemistry-comp...



bsc-3-sem-chemistry-or  
ganic-chemistry-winte...

## Class comments

[Add class comment](#)



10:56

VoLTE 4G

B.Sc. sem-III (Non Gra...  

## Students



Achal Nasre



Alfiya Pathan



Ashish Tule



Ashvini satpute



Asrar Mirza



DURGA LAXNE



Disha Babhulkar



Disha Jambhulkar



Stream



Classwork



People



10:57

VoLTE LTE1 LTE2 4G

Google Classroom



B.Sc. Sem-II Summer Assign...

147 students

Bsc.sem. VI  
A

Nilesh Gandhare

MSc semester -I Seminar

26 students

M.Sc. Sem- I Assignment 20...

26 students





10:57 [icons] • [Vo] LTE1 [Vo] LTE2 4G [icons]

← Unmarked ▾ [triangle icon] [three dots icon]

Instructions **Student work**

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105 Assigne  
d

42 Handed  
in

HANDED IN

|                          |                 |           |
|--------------------------|-----------------|-----------|
| <input type="checkbox"/> | Aman Satpute    | Handed in |
| <input type="checkbox"/> | Aniket Shende   | Handed in |
| <input type="checkbox"/> | Chetna Chapekar | Handed in |
| <input type="checkbox"/> | Dikshita Lohi   | Handed in |
| <input type="checkbox"/> | Dimpal Mankar   | Handed in |
| <input type="checkbox"/> | Disha Sambare   | Handed in |
| <input type="checkbox"/> | Himanshi Bhore  | Handed in |
| <input type="checkbox"/> | Himanshoo Atone | Handed in |

||| ○ < ||| ○ <

10:57 [icons] • [Vo] LTE1 [Vo] LTE2 4G [icons]

← [share icon] [three dots icon]

**Instructions** Student work

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**B.Sc -Sem-II,Chemistry,Paper  
-I,Assignment**

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Attachments

BSc Sem II  
Assignment.docx

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Class comments

**Nidhi Pande** Yesterday  
Nidhi Dindayal Pande  
First year, sem 2, chem. Assignment  
Part 1

[Add class comment](#)

||| ○ < ||| ○ <

The screenshot shows a WhatsApp group chat interface. At the top, the status bar displays the time 10:59, signal strength, VoLTE, 4G, and battery icons. The group title is "Organic Chemistry" with the category "Chemistry · Higher Education". A "Calendar" button shows 0 events. Navigation tabs include "Posts", "Folders", "Members", and "Small Groups". A text input field prompts "Share a resource, photo, or article...". A post by "Mr. More" (Teacher at Nabira Mahavidyalaya) from May 18, 2020, at 1:41 pm contains a poll: "Are you ready for quiz today which was based on yesterday's video?". The poll results are: Yes (5 Votes, 50%) and No (5 Votes, 50%), with a total of 10 votes. Below the poll are like and comment icons. Another post by "Mr. More" from May 16, 2020, at 10:39 pm is partially visible at the bottom, with a yellow plus icon for more options. The bottom navigation bar shows the standard Android icons.

10:59

Organic Chemistry  
Chemistry · Higher Education

Calendar 0

Posts Folders Members Small Groups

Share a resource, photo, or article...

**Mr. More**  
Teacher at Nabira Mahavidyalaya  
May 18, 2020 1:41 pm

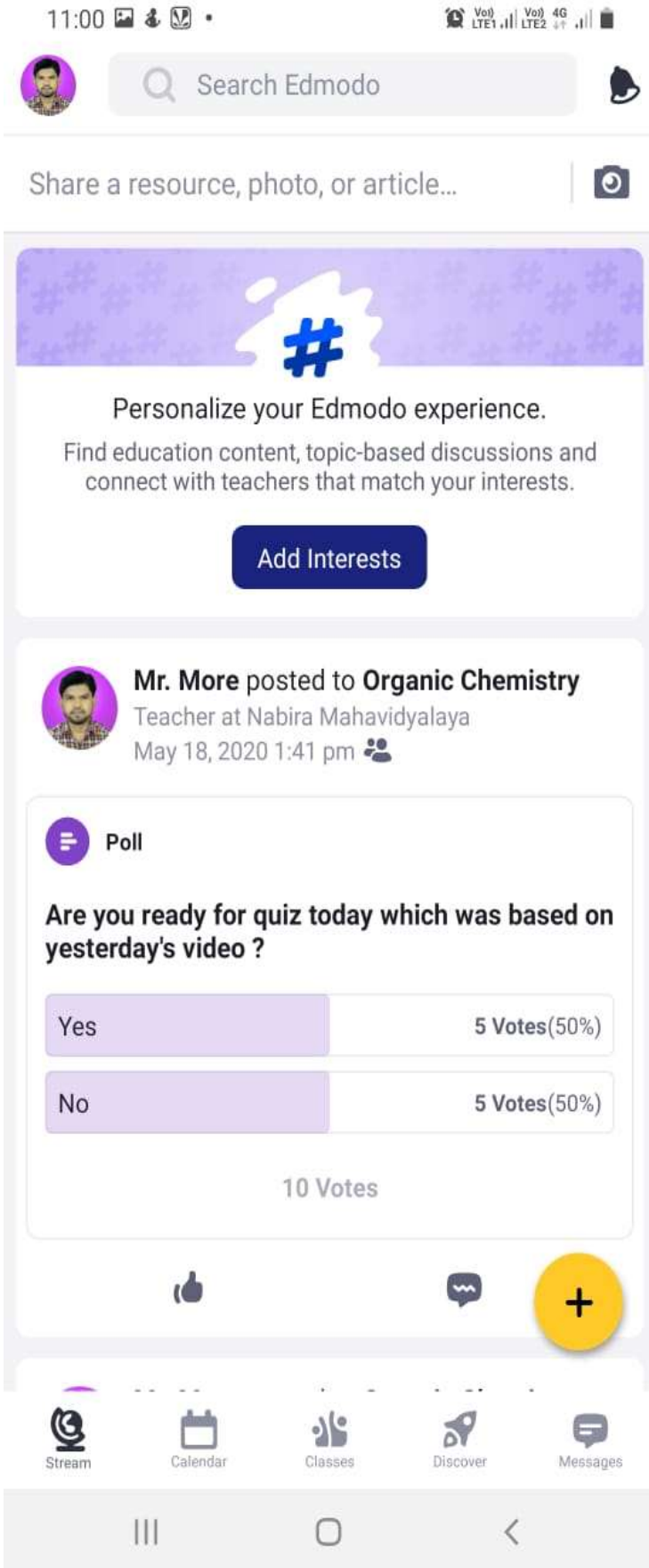
**Poll**

**Are you ready for quiz today which was based on yesterday's video ?**

|     |              |
|-----|--------------|
| Yes | 5 Votes(50%) |
| No  | 5 Votes(50%) |

10 Votes

**Mr. More**  
Teacher at Nabira Mahavidyalaya  
May 16, 2020 10:39 pm



12:01

VoLTE1 VoLTE2 4G



testmozusercontent.com/q/

34



## Organic Chemistry- B.Sc-Sem - 2

1. The species containing atom or group of atom with one or odd or unpaired electron is called as \_\_\_\_\_ 1 point

Answer:

2. The multiplicity of singlet carbene is ..... 1 point

- 1  
 4  
 2  
 3

3. Triphenyl methyl free radical is more stable due to 10 resonating structures 1 point

- True  
 False

4. Match the correct pairs 4 points

Carbene

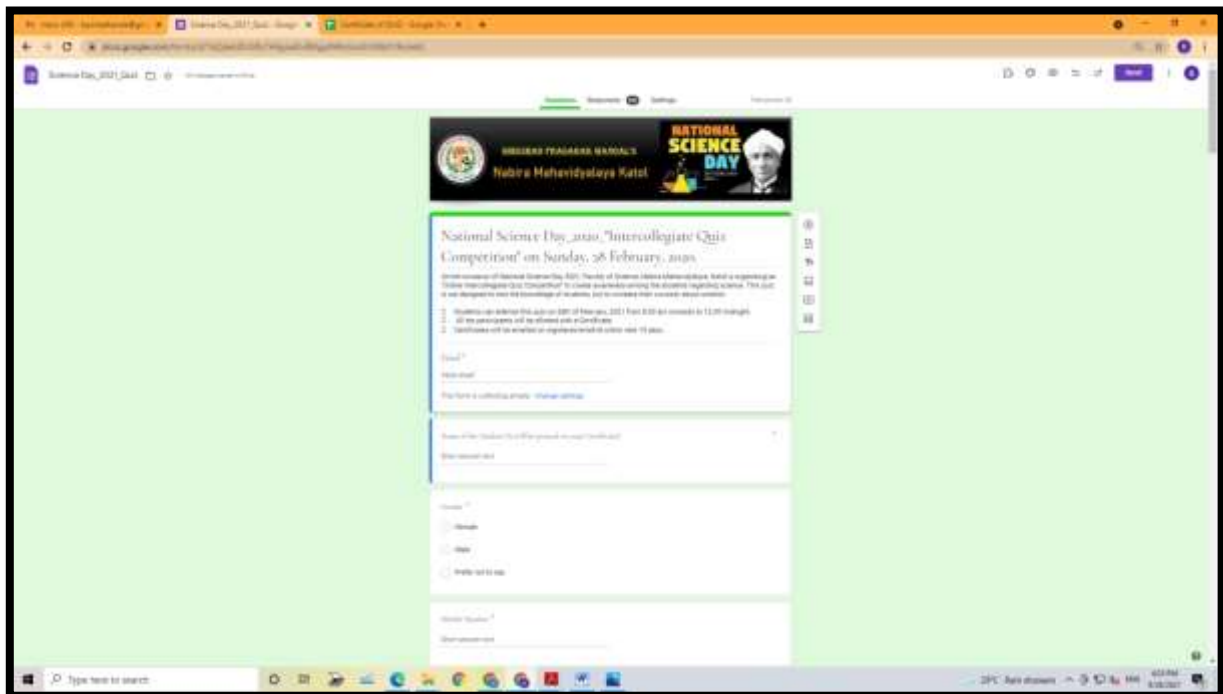
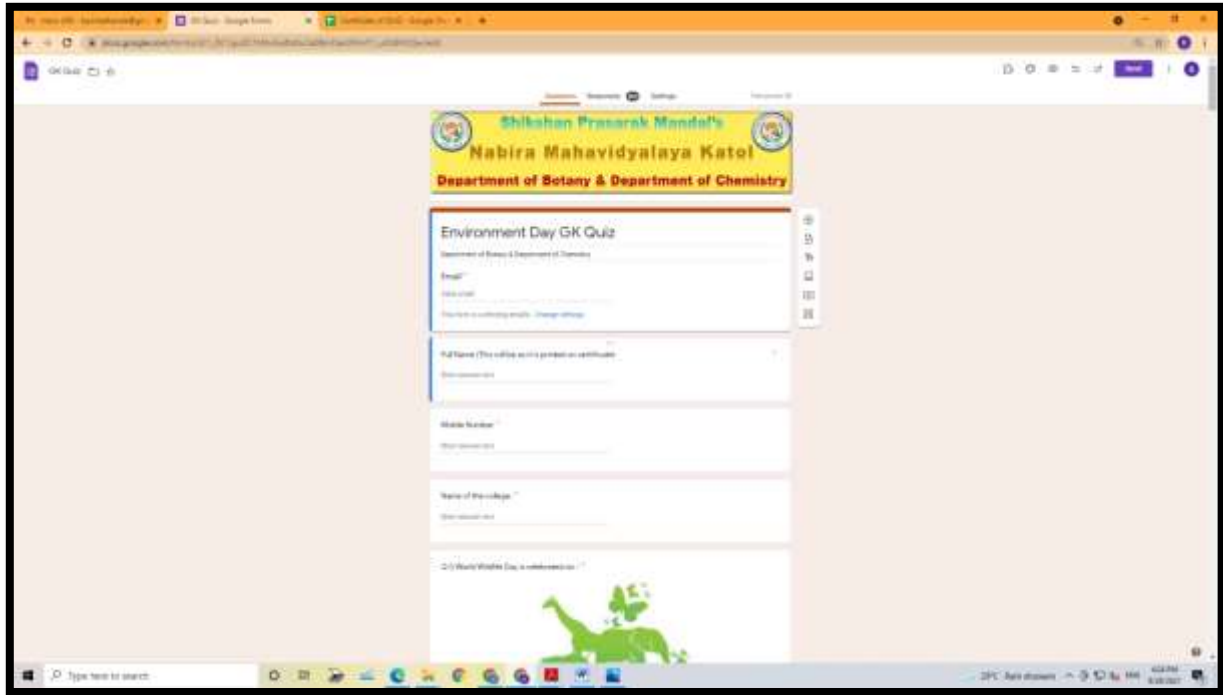
1. Highly reactive and



ENGLISH

HINDI





  
Principal  
Nabira Mahavidyalaya,  
Katol, Dist. Nagpur.