



Bharatiya Vidya
Bhavan

Bhavan's Vivekananda College

of Science, Humanities & Commerce
Autonomous College - Affiliated to Osmania University
Accredited with 'A' grade by NAAC
Sainikpuri, Secunderabad - 500094



NAAC RE-ACCREDITATION - 2ND CYCLE

**Criterion II: -
Teaching
Learning and
Evaluation**

2.3.2
ICT Tools

Submitted to

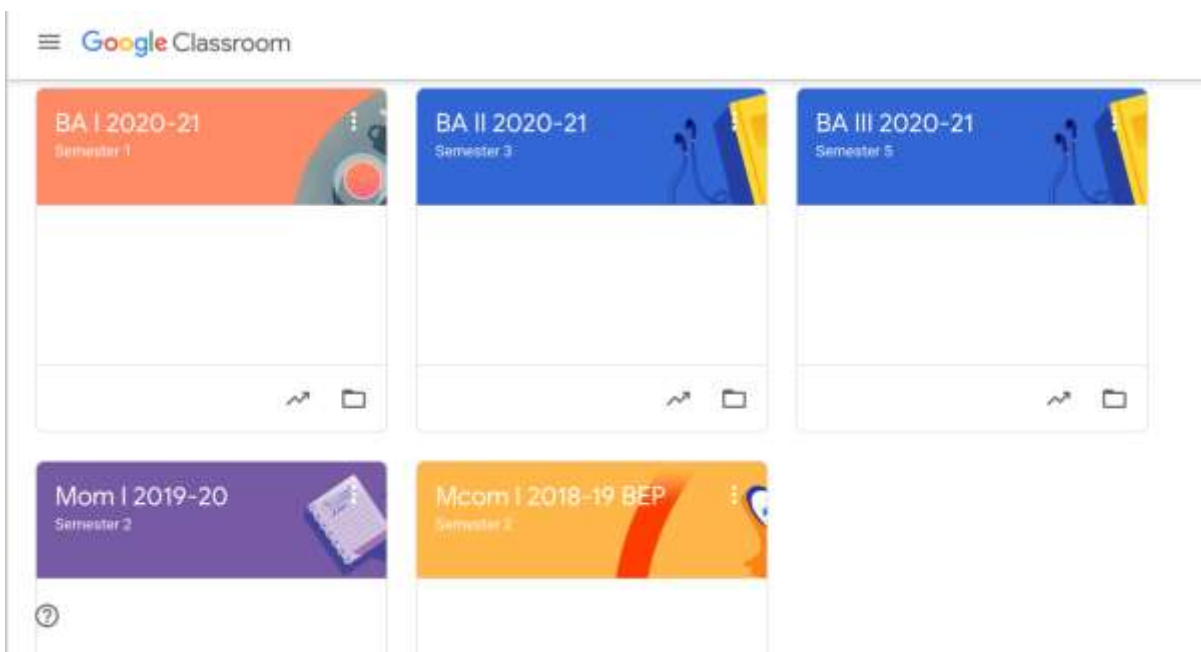
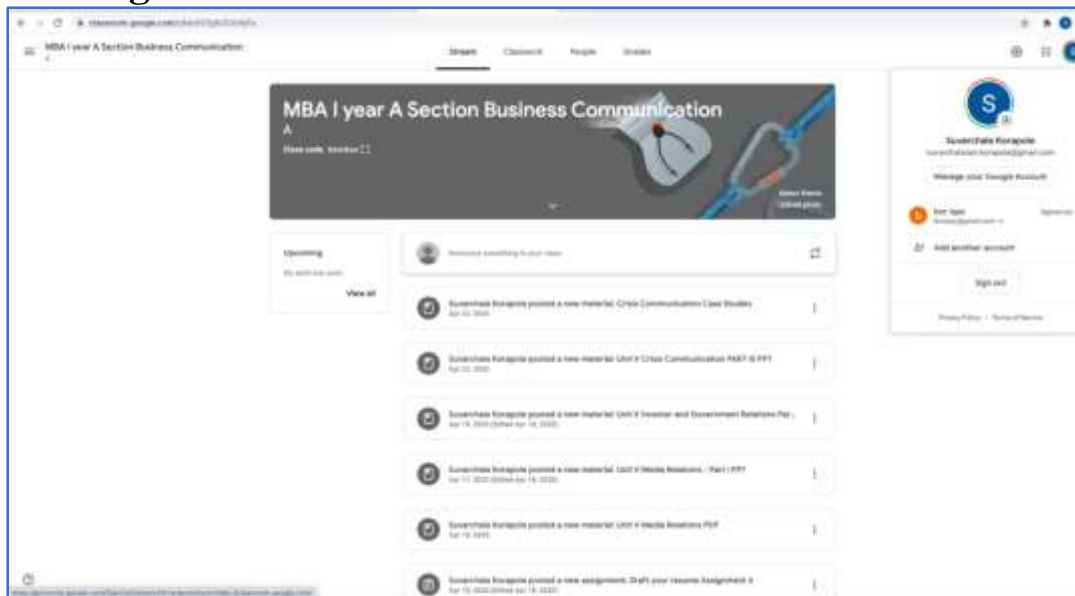
National Assessment and Accreditation Council



Bhavan's Vivekananda College
of Science, Humanities and Commerce
(Sainikpuri, Secunderbad, Telangana – 500094)
Autonomous College – Affiliated to Osmania University
Accredited with 'A' Grade by NAAC

ICT Tools used by Faculty to take classes

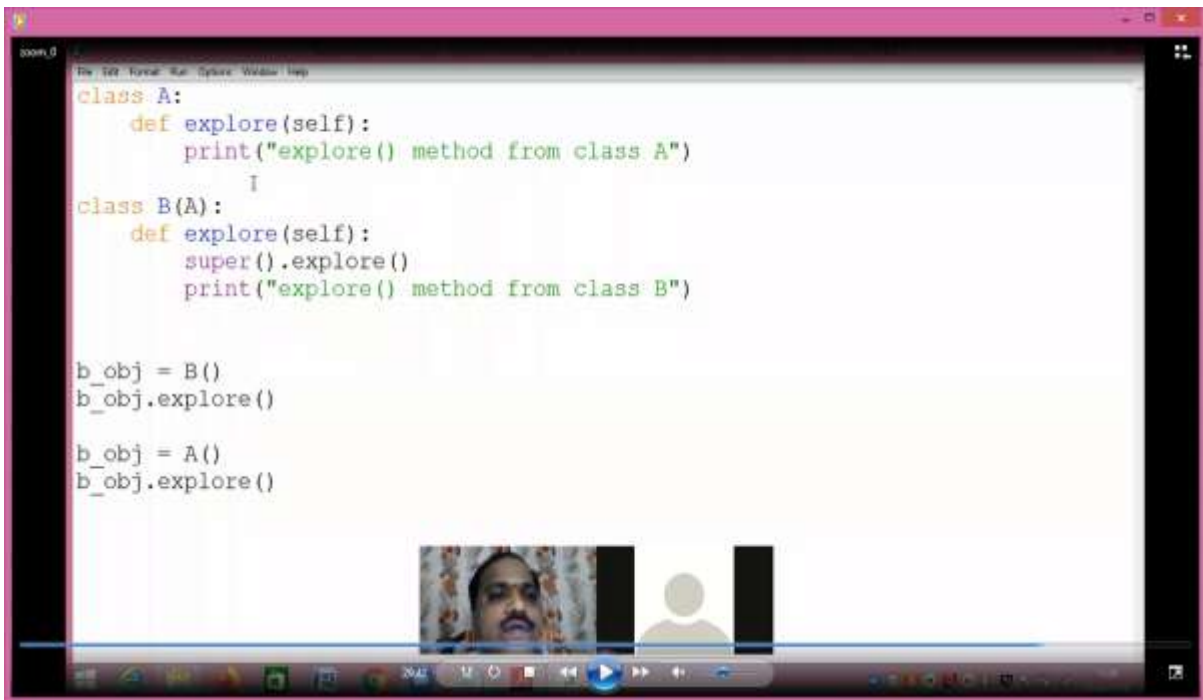
Google Classroom



```
class A:
    def explore(self):
        print("explore() method from class A")
        |
class B(A):
    def explore(self):
        super().explore()
        print("explore() method from class B")

b_obj = B()
b_obj.explore()

b_obj = A()
b_obj.explore()
```



Dr.A.Sai Padma
Students, attendance today was very low.
Only 14 were present in my class.
Is it saturday effect? 3:10 PM

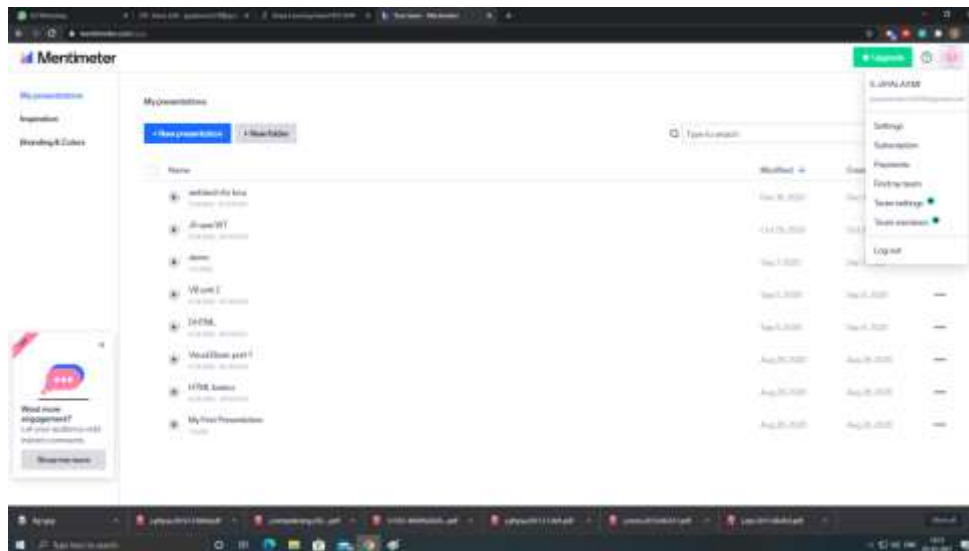
Forwarded
Rajani D's web classroom
2020-04-18-16-03-59_Trim.mp4
drive.google.com
https://drive.google.com/file/d/1yyW9sL60y910UtGUMDP_rJtu_uiv9baW5/view?usp=sharing
3:20 PM

APRIL 19, 2020

Good mng children. Assignment que for p4, u-2 have been sent. Complete them and keep. 3:04 AM

+91 6304 687 313 --Image
Good morning madam 🙏 3:05 AM

Mentimeter



Go to www.menti.com and use the code: 52 22 916

Command used for creating an empty file

included in the PDF download

[Download results](#) [Reset results](#)

Add meta description

Your question ?

Command used for creating an empty file

Options

Cat>file

Touch

Cat>file

[+ Add another option](#)

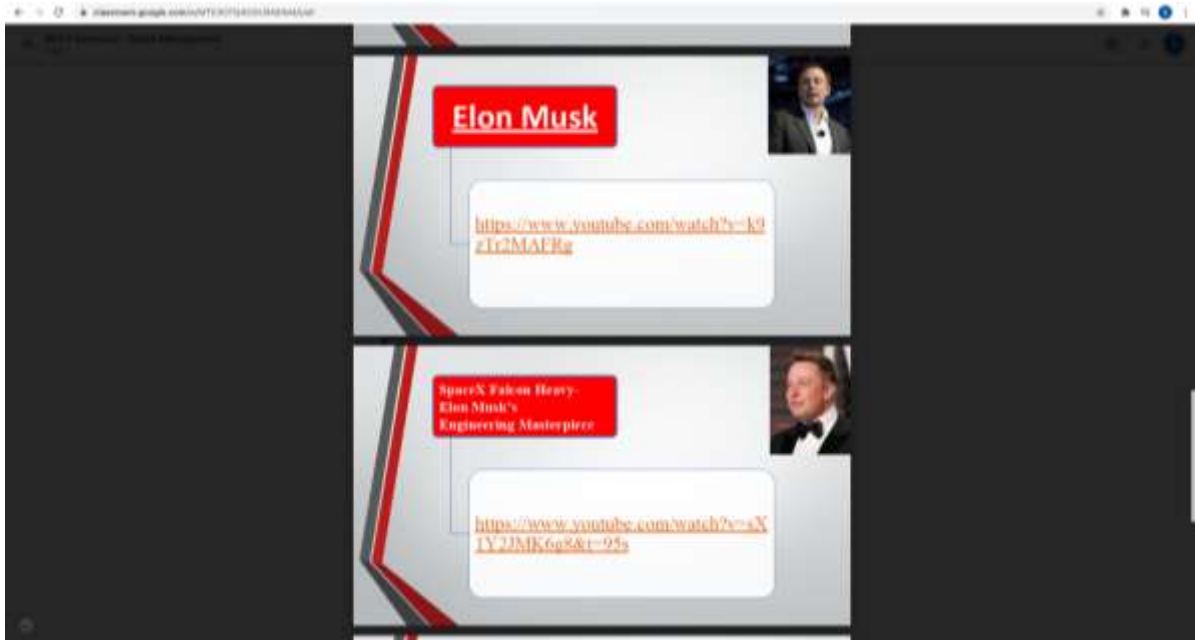
Leaderboard

3267 p		Tshruithi
1689 p		Sana5
929 p		Vinati team07
920 p		Vaishnavi 9
895 p		Kamal Kumar 3
879 p		M Vamshikrishna
862 p		Mahati group 8
727 p		John team 2
696 p		Dinesh
0 p		G Hiranya

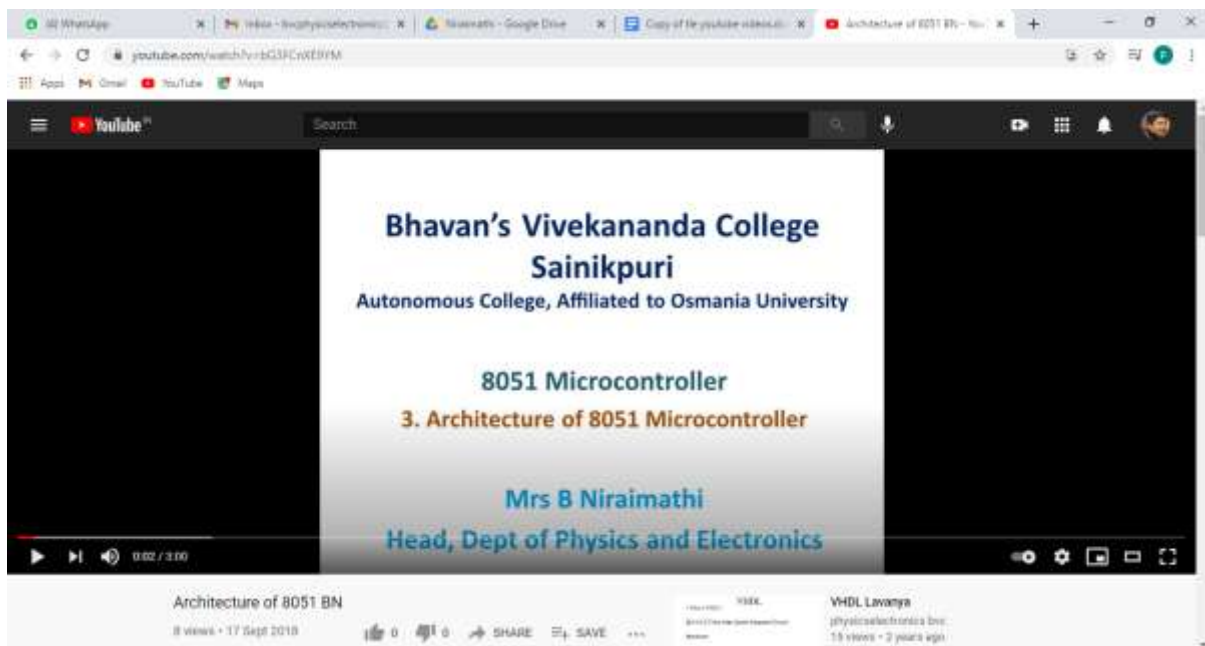
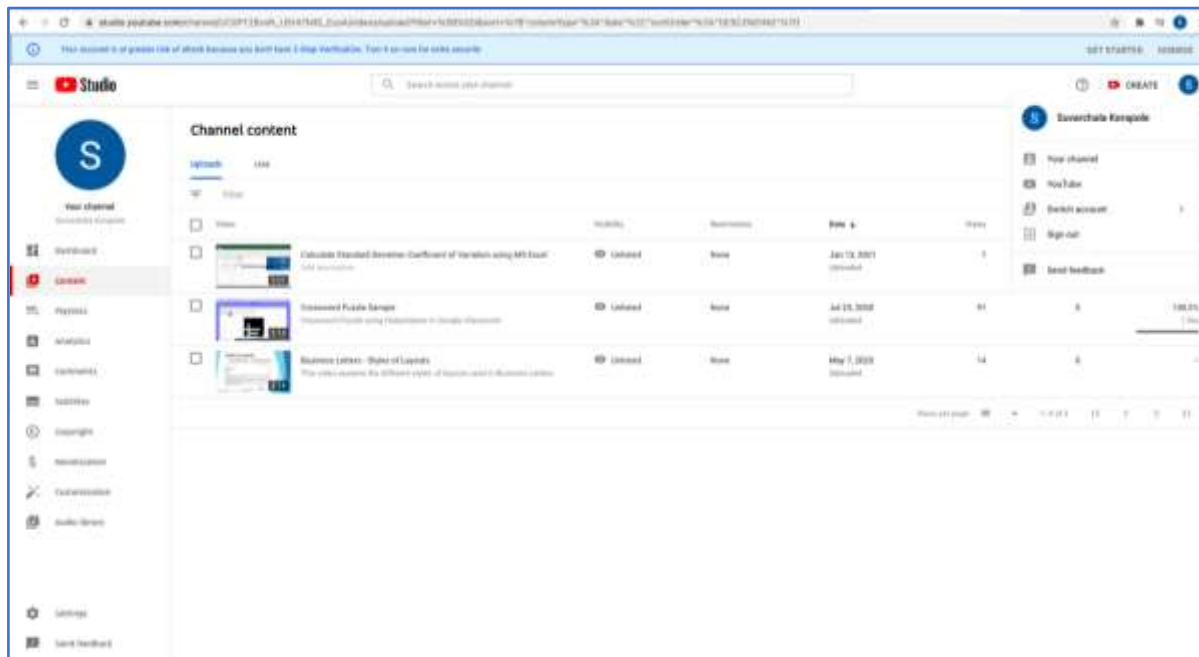
Hotpotatoes



Discussion on Video Case Study



Youtube Videos



YouTube

Search

physicselectronics bvc
10 subscribers

CUSTOMIZE CHANNEL MANAGE VIDEOS

HOME VIDEOS PLAYLISTS CHANNELS DISCUSSION ABOUT

Uploads ▶ PLAY ALL

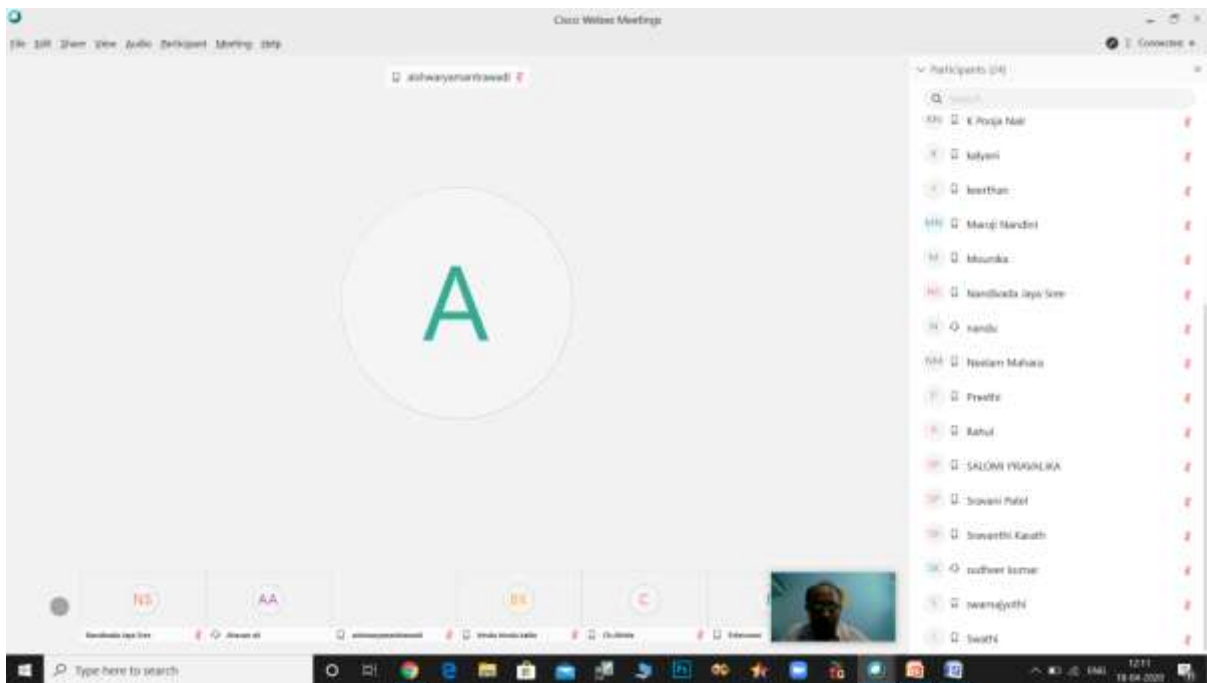
- System of Variable Mass
Motion of a Rocket
121 views • 2 years ago
- LCD INTERFACING T praad
107 views • 2 years ago
- Architecture of 8051 BN
7 views • 2 years ago
- VHDL Laverys
14 views • 2 years ago
- 8051Microprocessors
63 views • 2 years ago

Column Chromatography - Learning about how a column is constructed (Meritnation.com)

0:24 / 1:23

© Meritnation

Microsoft Teams



One Note tool usage in Teams

$$\text{zottle + salt} = 5.99 \text{ g}$$

$$\text{Weight of Salt (s)} = 9.0 \text{ g}$$

$$\left. \begin{array}{l} \text{Weight of Sintored Crucible} = 26.20 \text{ g} \\ \text{+ ppt} = 29.16 \text{ g} \end{array} \right\} -$$

$$\text{Weight of ppt (y)} = \dots$$

The screenshot shows a OneNote interface with a purple header bar. The main content area contains handwritten mathematical work. On the right, there is a sidebar with a search bar and a list of pages. At the bottom, there is a navigation bar with various icons.

- variance
 ③ A r.v 'x' has mean = 10, variance = 16 find an upper bound for

$$P[|x-10| \geq 5]$$
 Solⁿ:-
$$P[|x-\mu| \geq c] \leq \frac{\sigma^2}{c^2}$$

$$P[|x-10| \geq 5] \leq \frac{16}{25}$$
 ④ If chebychev's inequality for random variable 'x' is $P[-2 < x < 8] \geq \frac{21}{25}$
 find $E(x)$, $V(x)$
 Solⁿ
$$P[|x-\mu| < c] \geq 1 - \frac{\sigma^2}{c^2} \text{ --- (1)}$$

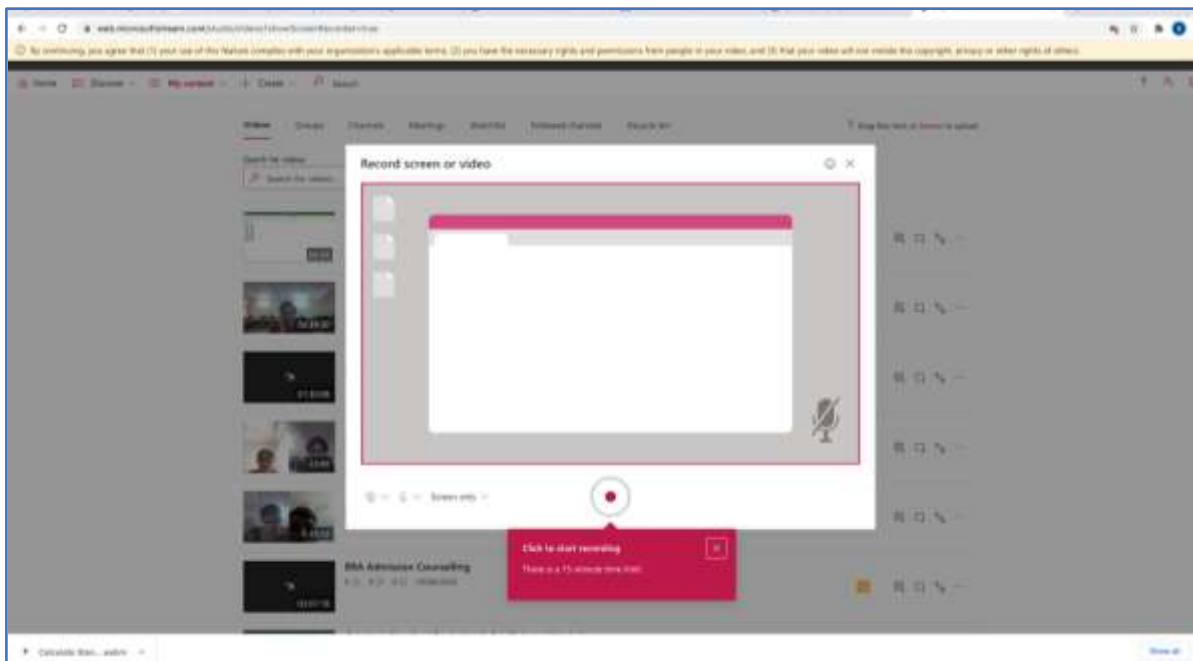
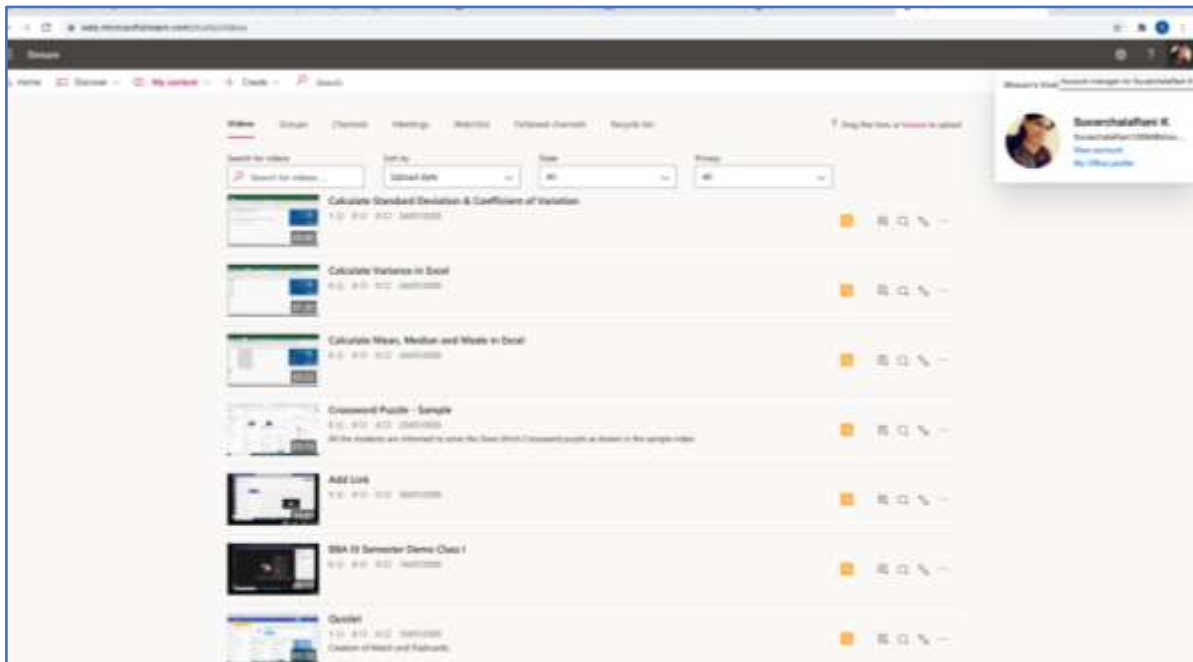
Give - compare ② & ③

$$4 - c = -2 \text{ --- (4)}$$

$$4 + c = 8 \text{ --- (5)}$$

The screenshot shows a OneNote interface with a purple header bar. The main content area contains handwritten mathematical work. On the right, there is a sidebar with a search bar and a list of pages. At the bottom, there is a navigation bar with various icons.

Creation of Videos using Microsoft Stream



Quiz using Google Forms

This screenshot shows a Google Form titled "Talent Management Unit: 15 Links in the Idea- Talent Chain". The form includes a header image of hands typing on a laptop. Below the title, there is a section for "Unit 1: Talent Value Chain" with a note: "All the students are informed to attempt all the questions of Unit 1. Introduction to Talent Management (Up to 40 Marks)". The form contains three required text input fields: "Email address *", "Name (As per ID)", and "Roll Number (As Per ID)". A sidebar on the right contains icons for adding questions, changing the theme, and other form settings.

This screenshot shows a Google Form titled "Internal Examinations -November 2020" from Bhavan's Vivekananda College. The header features the college's logo and name: "Bhavan's Vivekananda College of Science Humanities & Commerce, Sainikpuri Secunderabad - 500094, Affiliated to Osmania University - Autonomous College, Accredited with 'A' Grade by NAAC". The form details include: "M.Sc. (Computer Science) I Year- II Semester", "Continuous Internal Assessment (CIA) Examinations- November 2020", "Subject: Automata Language and Computation", "Time: 1 Hr.", and "Max Marks :40". It also includes an "Email address *" field and a note: "This form is collecting email addresses. Change settings". The sidebar on the right contains icons for adding questions, changing the theme, and other form settings. The Windows taskbar is visible at the bottom.

Quizizz Game Code: 475 691

41 Players

Rank	Name	Points
1	Srinidhi	13380
2	Swapna	12910
3	Jaidev	11900
4	Puneet Gupta	11280
5	Aditya sai	11120
6	Divya sree	11090

M.Sc biochemistry
2019-21

Instructions Student work

quiz on Enzymology

Dr. Sai Padma Aluri • Apr 26, 2020 (Edited Oct 14, 2020)

40 points

Due Apr 26, 2020, 11:59 PM

Answer all questions

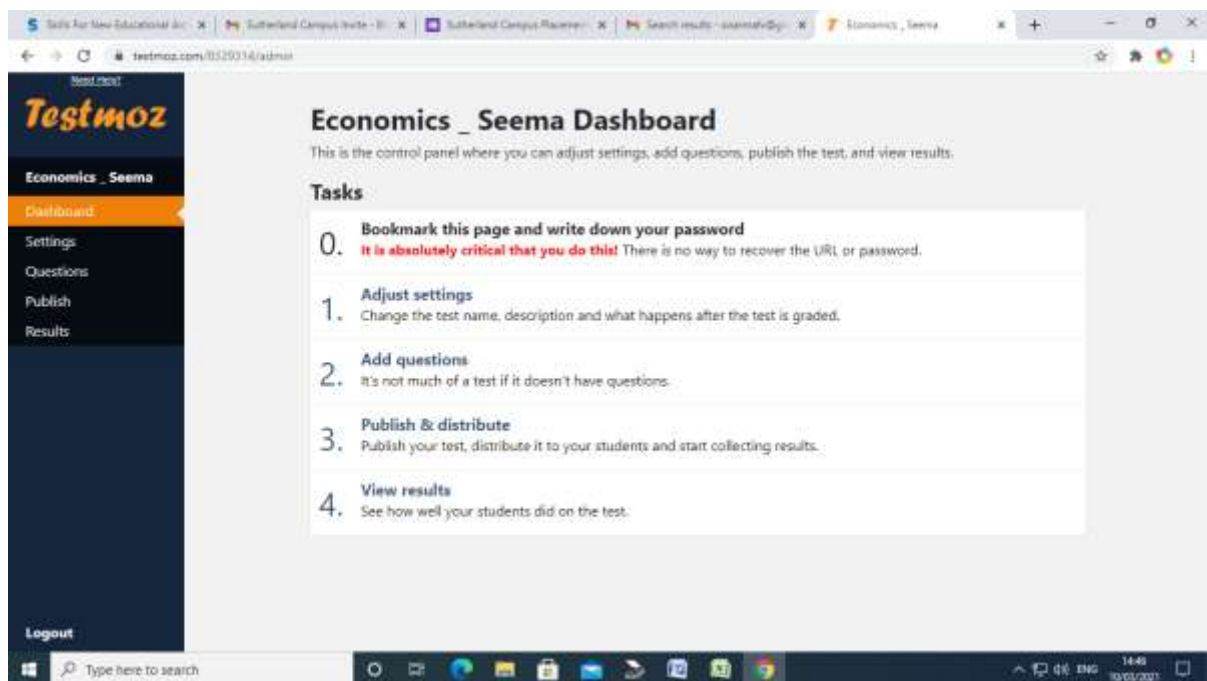
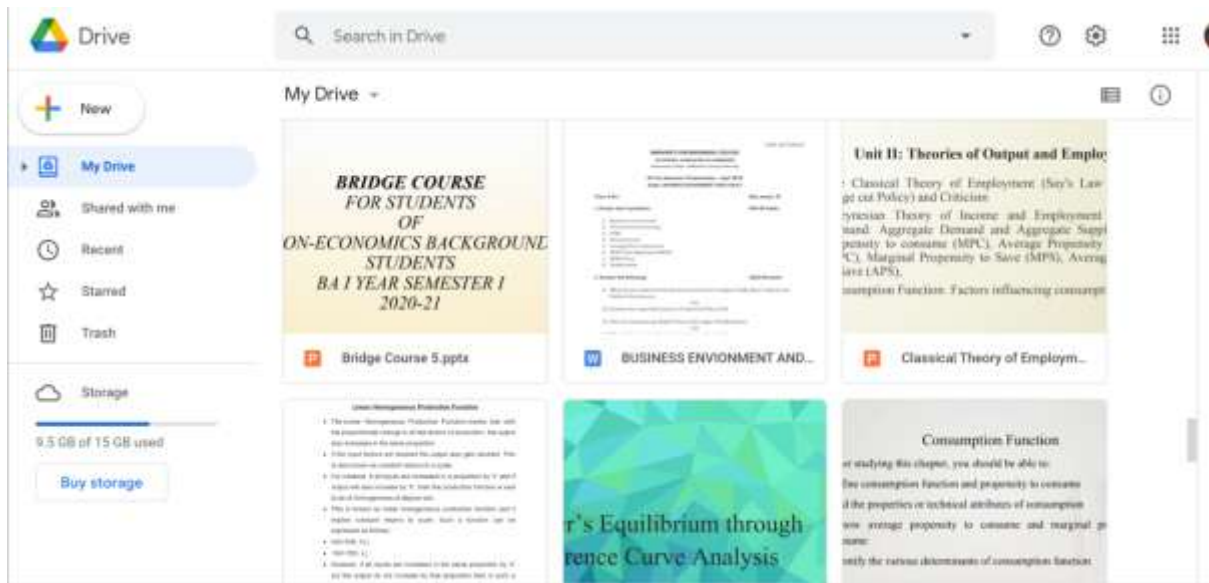
Google Forms

Page Not Found
<https://docs.google.com/forms/>

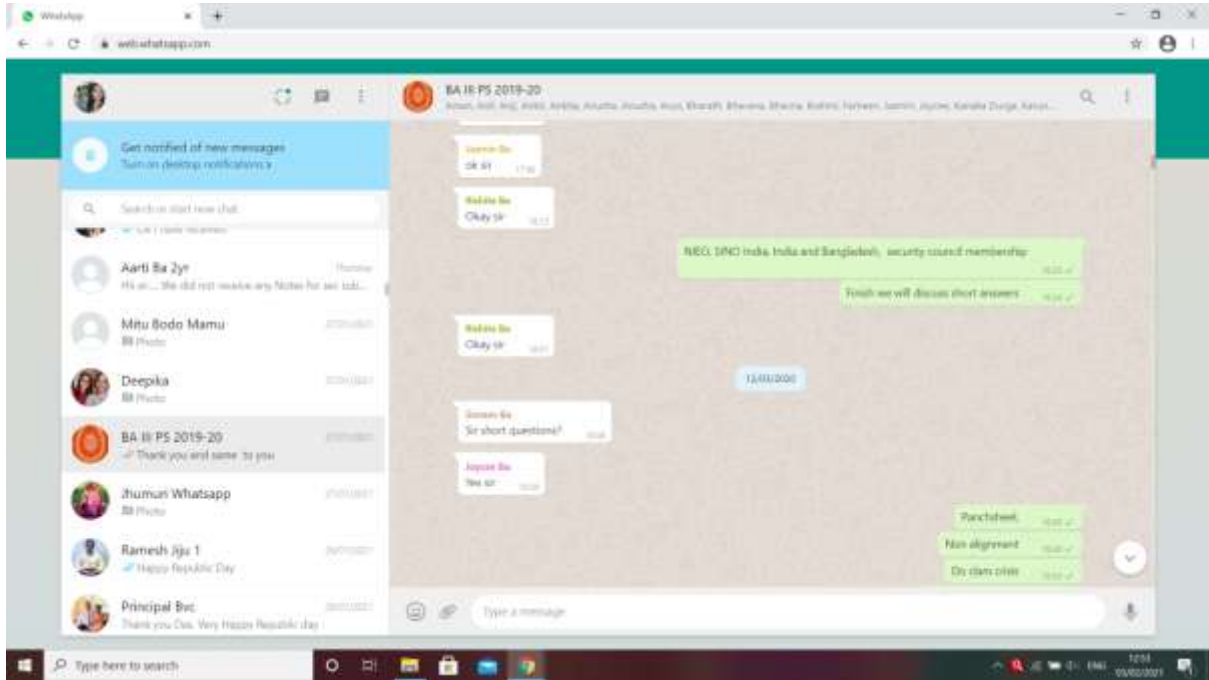
Class comments

Add class comment

Google drive usage for class work communication



Whatsapp conversation and sharing of documents to students



Power Point Presentation by students in Microsoft Teams

PAPER PRESENTATION

BY

BACHELOR OF ARTS STUDENTS

THE FARMERS' PRODUCE TRADE AND COMMERCE

(PROMOTION AND FACILITATION) ACT, 2020

ON DECEMBER 11, 2020

BA Political Science 21st

1M

Lecture by Ms. KVB Saraswathi on "Normalization" - Bhavans Vivekananda College

Example of 2NF Vendor

Product	Quantity	Price	Name of Vendor	Cost
L124	10" Monitor	50	Sony	5,000
		50	Samsung	5,500
L125	20" Monitor	50	Sony	5,000
		50	Samsung	5,500

Note: Before 1NF and 2NF

4:36 / 15:19

biochemical genetics [Compatibility Mode] - PowerPoint kompaly padma

File Home Insert Design Transitions Animations Slide Show Review View Help Storyboarding Tell me

Paste Slides

Clipboard

Font: B I U S abc AV A Aa A A

Paragraph

4

5

6

7

8

9

- Cells that are expressing the genes that encode proteins required for the process are capable of taking up DNA
- These bacteria are said to be **competent**
- the proteins that mediate the transformation process are called **competence (Com) proteins**.
- Bacteria develop competence during the late phase of their growth cycle—when cell density is high but before cell division stops.

Logarithmic growth (Viable cell counts)

Time

Lag Exponential Stationary Decline

Slide 5 of 10 English (United States) Notes Comments 53%

ENTREPRENEURSHIP

DEFINITION OF ENTREPRENEURSHIP

- Entrepreneurship is the act of creating a business or businesses while building and scaling it to generate a profit.
- However, as a basic entrepreneurship definition, it's a bit limiting. The more modern entrepreneurship definition is also about transforming the world by solving big problems. Like initiating social change, creating an innovative product or presenting a new life-changing solution.

A woman in a red dress is standing at a podium, presenting to an audience. Behind her is a large screen displaying the title 'ENTREPRENEURSHIP' and the subtitle 'DEFINITION OF ENTREPRENEURSHIP'. The screen also shows two bullet points defining entrepreneurship. The audience is visible in the foreground, seated in chairs.



Cisco webex platform

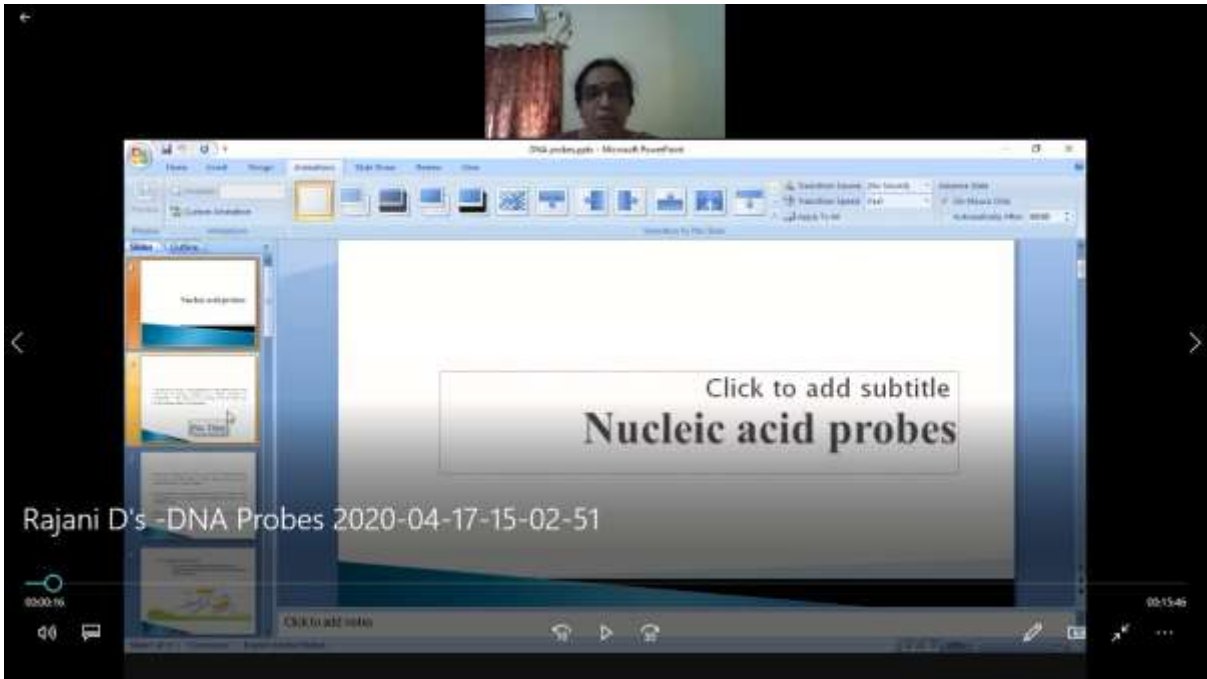


Cisco Webex Meetings
Simple, modern video meetings
for the global workforce. Join from ...
meetingsapac6.webex.com

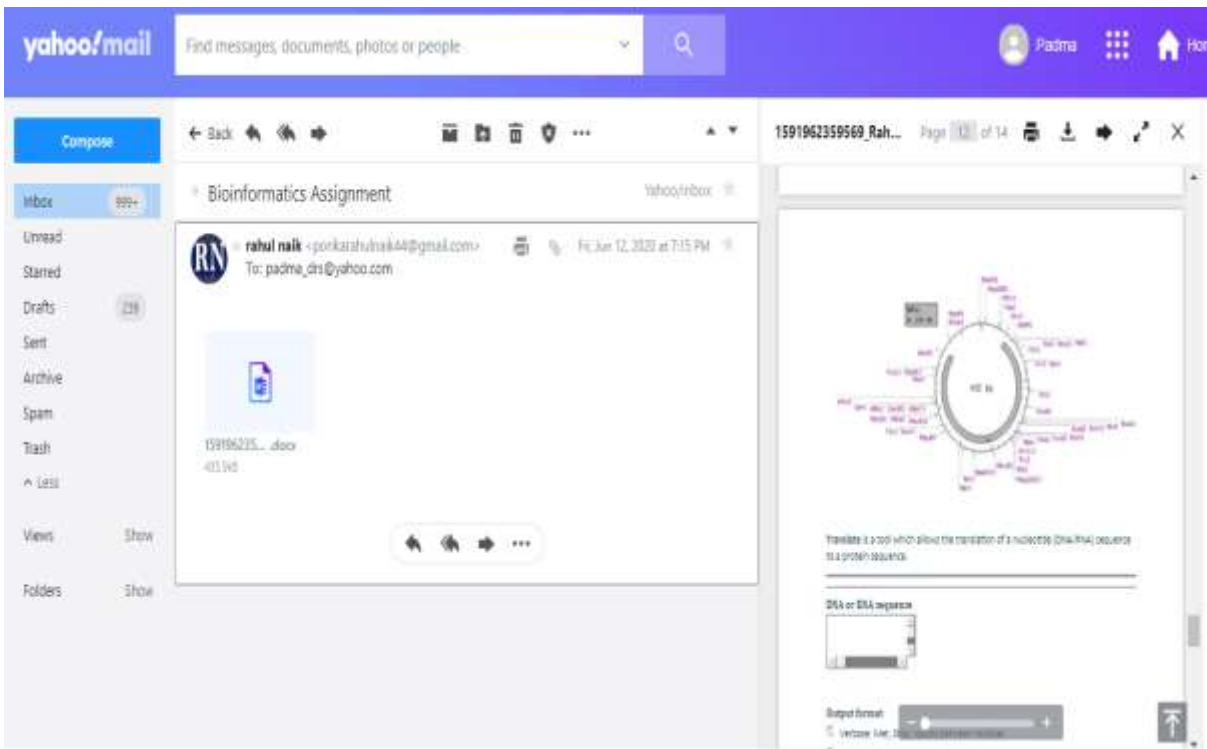
<http://meetingsapac6.webex.com/meet/dyrajani>

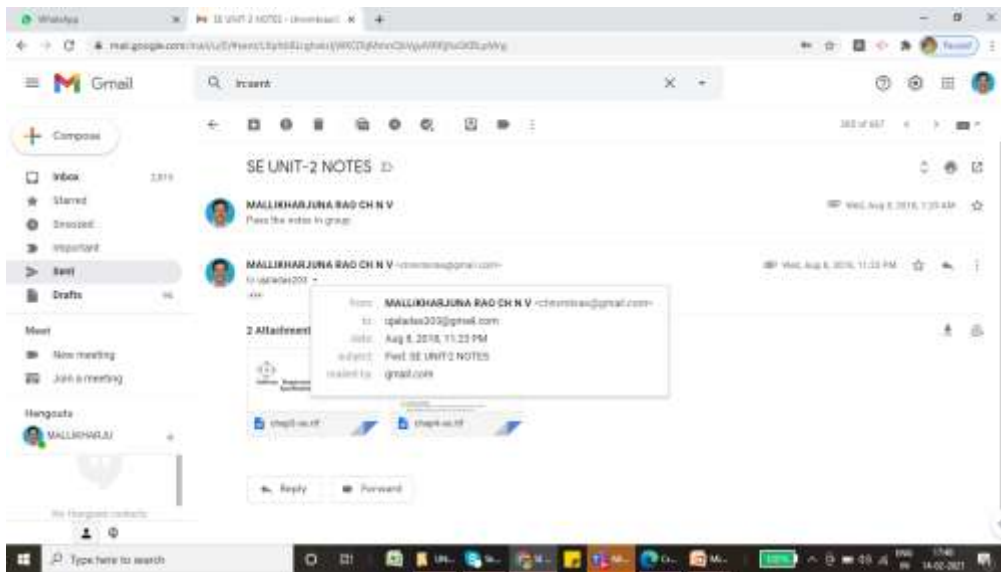
575-863-362
Time: 3 - 3.45 pm today.
Topic: DNA probes

9:59 AM ✓

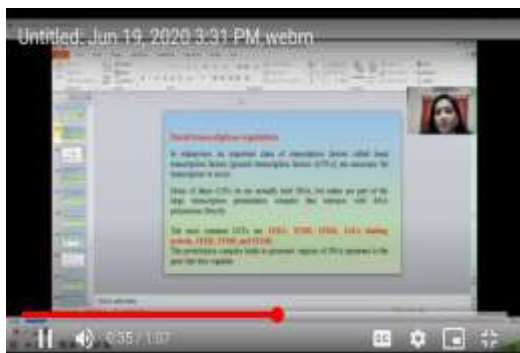
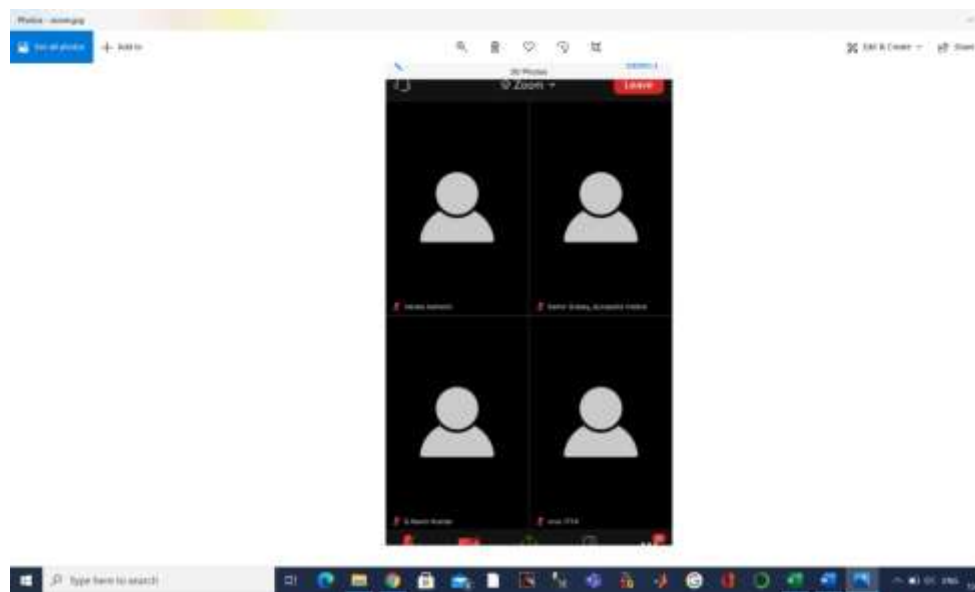


Using Mail correspondence for classes bioinformatics





Zoom Tools Usage



12:11 PM

... 0.0KB/s



M.Sc Biochem 2019-21

Akhil, Arati, Biochem, Deepika, Ha...



zoom

Join our Cloud HD Video Meeting now

Zoom is the leader in moder...
us04web.zoom.us

Join today's class at 3 PM using the below link

Topic: evolution of enzymes - MSC Biochemistry

Time: This is a recurring meeting
Meet anytime

Join Zoom Meeting

<https://us04web.zoom.us/j/612484401?pwd=RGIHcWhTU2lYeGg5Q2htOWpDVmU0UT09>

Meeting ID: 612 484 401

Password: 938319

2:46 pm ✓✓

+91 95733 21425 ~Swetha 😊

Ok mam

2:46 pm

Youtube classes

M.Sc biochemistry
2019-21

Instructions Student work

quiz on Enzymology

Dr. Sai Padma Aluri • Apr 26, 2020 (Edited Oct 14, 2020)

40 points Due Apr 26, 2020, 11:59 PM

Answer all questions

Google Forms

Page Not Found
<https://docs.google.com/forms/>

Class comments

Add class comment

LCD Projector usage for PPTs to students

The screenshot shows a Microsoft PowerPoint application window titled "Genetics & Plant Breeding - PowerPoint". The ribbon includes tabs for Home, Insert, Draw, Design, Transitions, Animations, Slide Show, Review, and View. The main slide area displays a slide titled "GENETICS AND PLANT BREEDING" with a large photograph of rice plants. The left sidebar shows a slide sorter with five slides. The bottom status bar indicates "Slide 1 of 34", "English (India)", and the system tray shows the time as 12:43 on 20-02-2021.

Online Chemistry Practicals Live to Students



Recorded class by using screen castomatic : <https://youtu.be/qcSH4hPzLh8>
, <https://youtu.be/ObKqVrtdUBQ>

Cash Flow statement prob 4 : X

https://www.youtube.com/watch?v=qcSH4hPzLh8

YouTube Search SIGN IN

March, 2012 and 2013 :

Liabilities	2012 ₹	2013 ₹	Assets	2012 ₹	2013 ₹
Share Capital	2,00,000	2,50,000	Land and Building	2,00,000	1,50,000
General Reserve	50,000	60,000	Machinery	1,00,000	1,00,000
Surplus A/c	30,000	30,000	Stock	1,00,000	70,000
Bank Loan	—	—	Sundry Debtors	80,000	60,000
(Long-term)	70,000	—	Cash	500	500
Sundry Creditors	1,50,000	1,35,000	Bank	—	1,000
Provision for Taxation	30,000	30,000	Goodwill	—	1,000
	₹ 3,30,000	₹ 3,10,000		₹ 3,30,000	₹ 3,10,000

Additional information :

During the year ended 31st March, 2013 :

- dividend of ₹ 25,000 was paid ;
- assets of another company were purchased for a consideration of ₹ 80,000 payable in shares. Following assets were purchased :
stock : ₹ 20,000 ; machinery : ₹ 25,000 ;
- machinery was further purchased for ₹ 5,000 ;
- depreciation written off on machinery ₹ 12,000 ; and
- income-tax provided during the year ₹ 33,000 ; loss on the sale of machinery ₹ 200 was written off to general reserve.

Cash Flow statement prob 4 stock adj

45 views · Apr 13, 2020

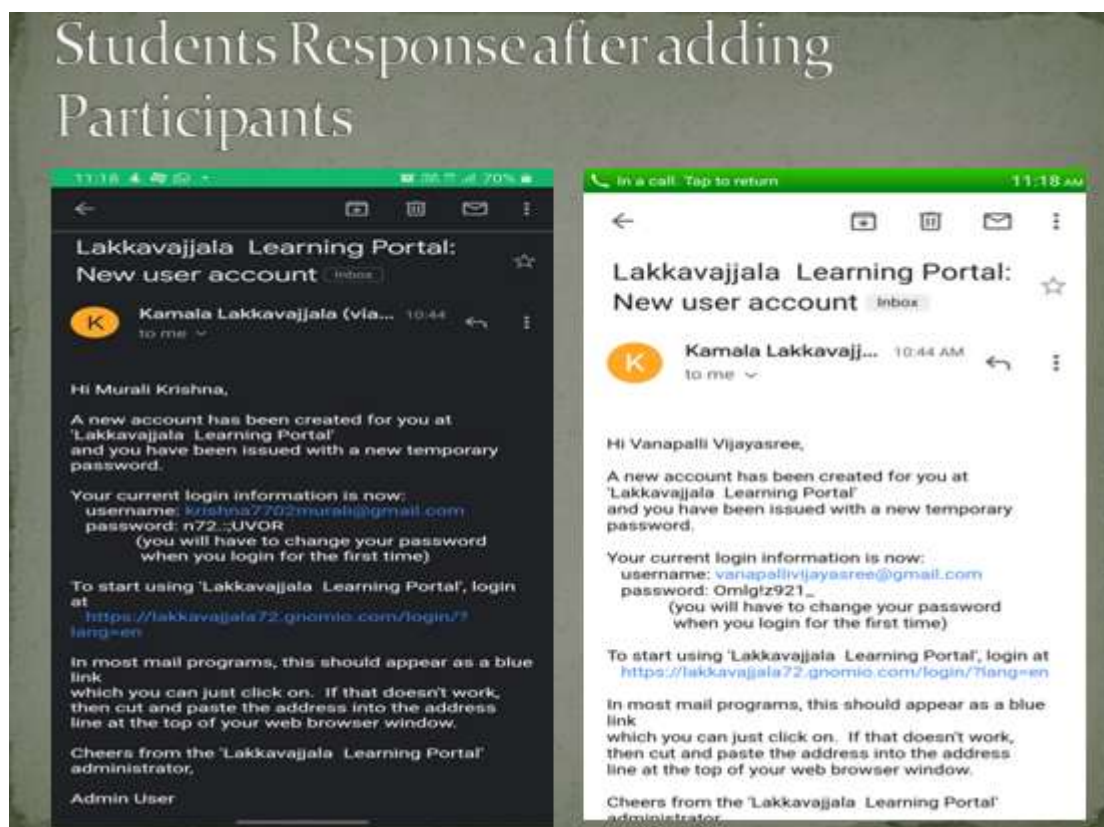
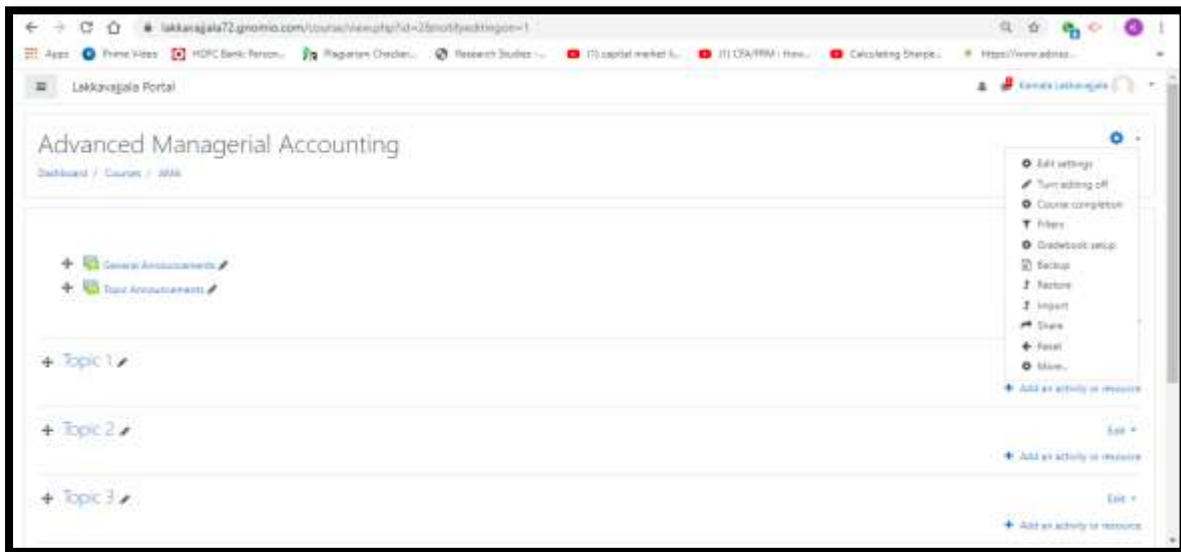
Like Dislike Share Save

K Kamala Bhavani
22 subscribers

Recorded with <https://screencast-o-matic.com>

SUBSCRIBE

Moodle Tool usage



STSDA Participants

Statistical Quality Control & Reliability Theory

Dashboard / Courses / STSDA / Participants

Participants

No filters applied

Search keyword or select filter

Number of participants: 15

First name: A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Surname: A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Select	First name / Surname	Email address	Roles	Groups	Last access to course	Status
<input type="checkbox"/>	Bhuvaneshwar SHAMARULLA	samarhul2001@gmail.com	Student	No groups	Never	Active
<input type="checkbox"/>	Divya VELDI	ladddivya60091@gmail.com	Student	No groups	13 days 5 hours	Active
<input type="checkbox"/>	Hemil Raj PUTHAYOTTUM	harp29@gmail.com	Student	No groups	Never	Active
<input type="checkbox"/>	Haritha CHAMMANI	Tharhadharanant@gmail.com	Student	No groups	13 days 6 hours	Active

Sarada

MEPMI (Semester III: P HD)

Unit 2: PGPR - mechanism,formulations and Detection

Objectives: The student will be able to

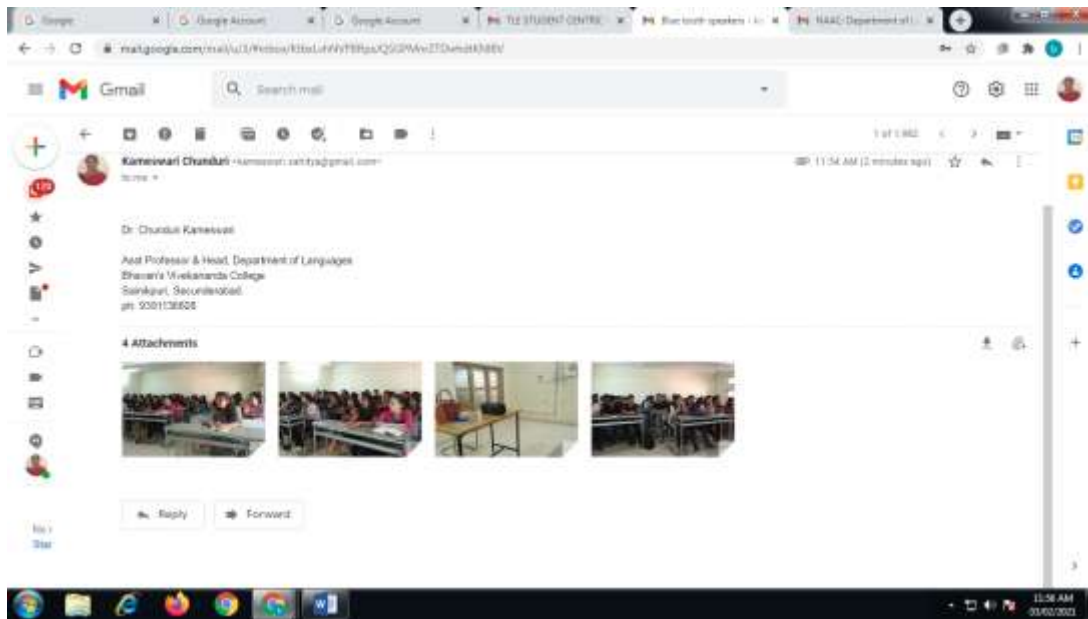
- Course Objective: Appreciate the role of PGPR and PGPM in agriculture, application of Microbial formulations and detection of bio inoculants.
- Course Outcomes: Explain direct and indirect mechanisms of plant growth promotion by PGPR and develop microbial formulations for field application

- PGPR - Types and direct & indirect mechanism
- Microbial Formulations
- Review article on methods of detection of microbial inoculants
- PGPR and preparation of Microbial formulation
- Methods to detect bioinoculants
- Pseudomonas -Plant Microbe Interactions
- Bacillus -Plant Microbe Interactions
- Trichoderma -Plant Microbe Interactions

Unit 3: Plant Pathology and Pests

Objectives: The student will be able to

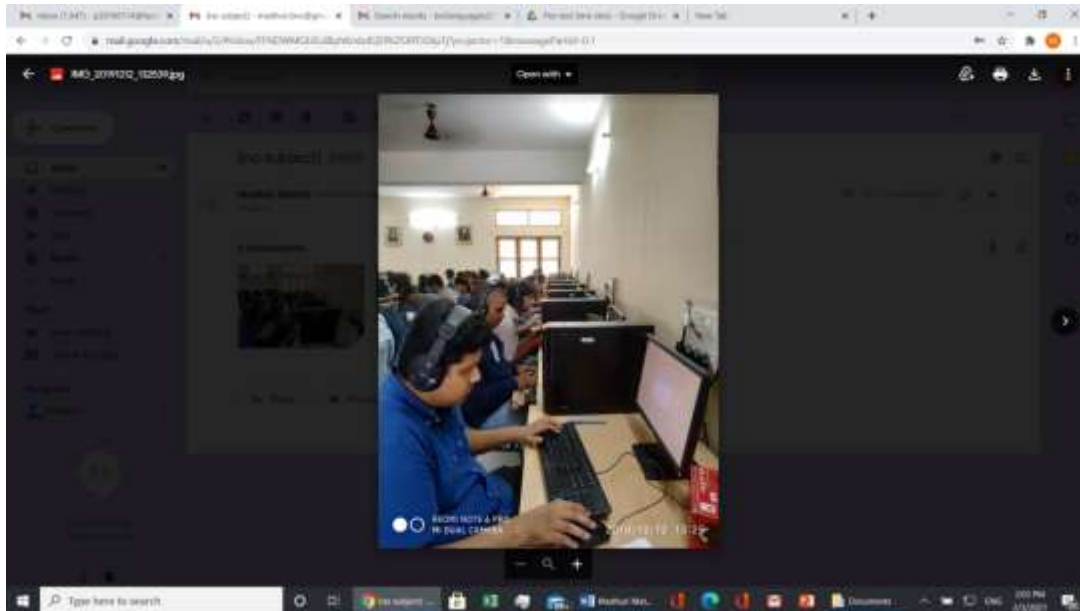
Blue tooth speakers



listening Audio Lecture of Aryabhata



Usage of Headphones with microphones, Speakers



BARAHA Software Tool using to teach Multi Indian Languages



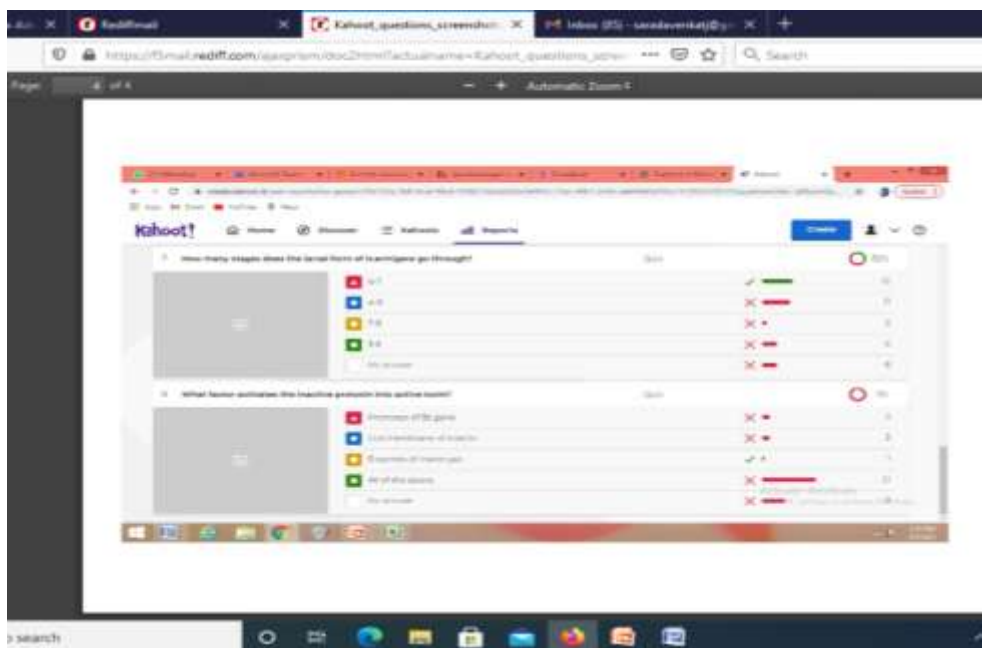
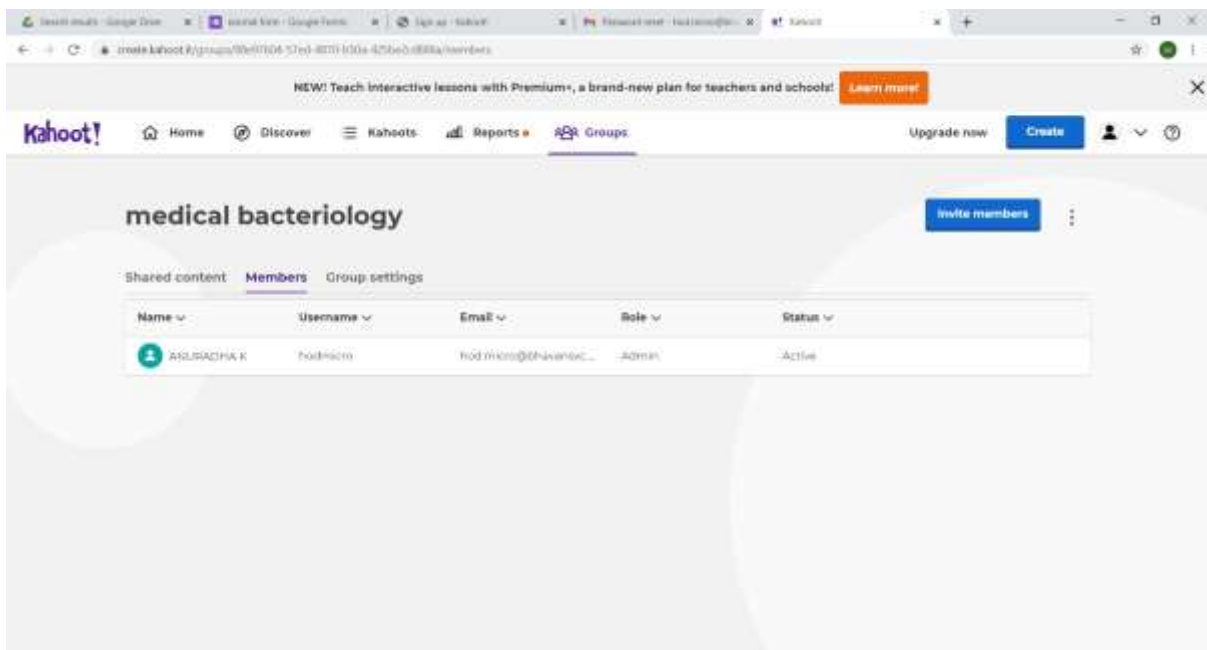
Internet enabled mobile based Self-learning



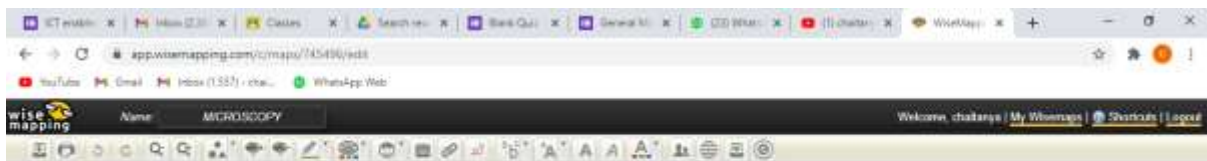
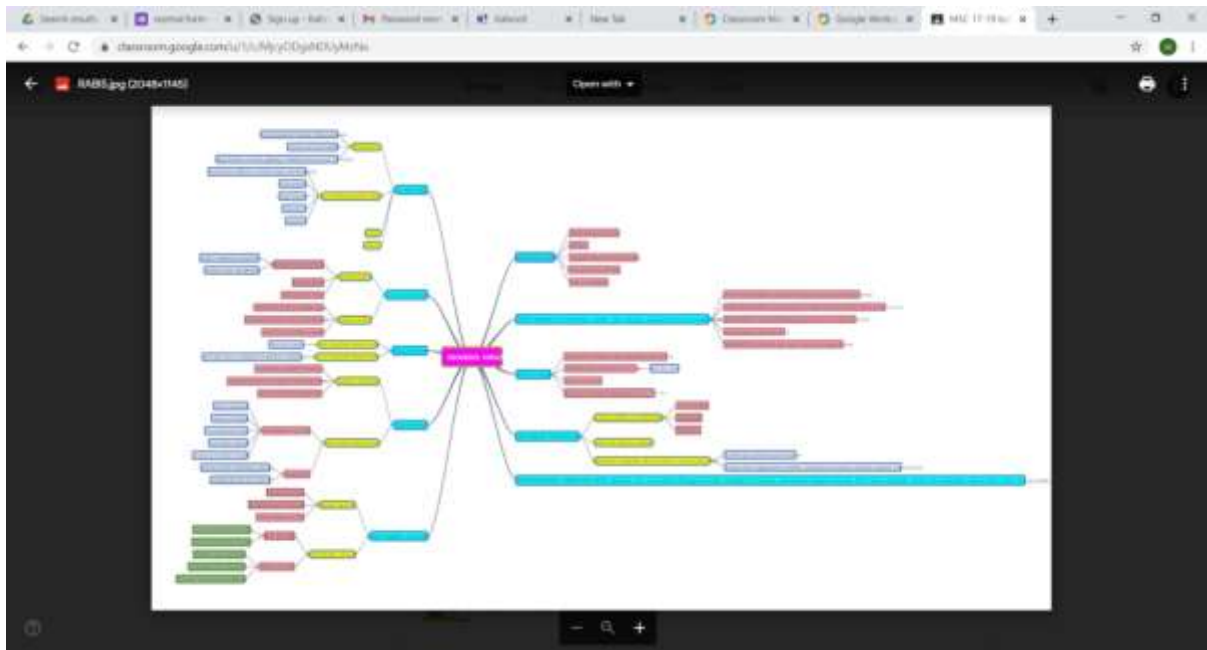
Google Meet Tool Usage

A screenshot of a web browser displaying the Google Meet homepage. The browser tabs include WhatsApp, India (354 - Chandernagore), and Google Meet. The address bar shows the URL meet.google.com/jtc+197Bqtr+18aathusew=0. The page features the Google Meet logo, the time 13:28 on Wednesday, 3 Feb, and various utility icons. The main content area has the headline "Premium video meetings. Now free for everyone." followed by a sub-headline: "We re-engineered the service that we built for secure business meetings, Google Meet, to make it free and available for all." Below this are two buttons: "New meeting" and "Enter a code or link". A "Learn more about Google Meet" link is also present. On the right side, there is a circular illustration of two people sitting at a table with a laptop, and a large blue link icon above them. Below the illustration, the text reads "Get a link that you can share" and "Click New meeting to get a link that you can send to people that you want to meet with". At the bottom right, there is a small "Activate Windows" notification. The Windows taskbar is visible at the very bottom of the image, showing the search bar and various application icons.

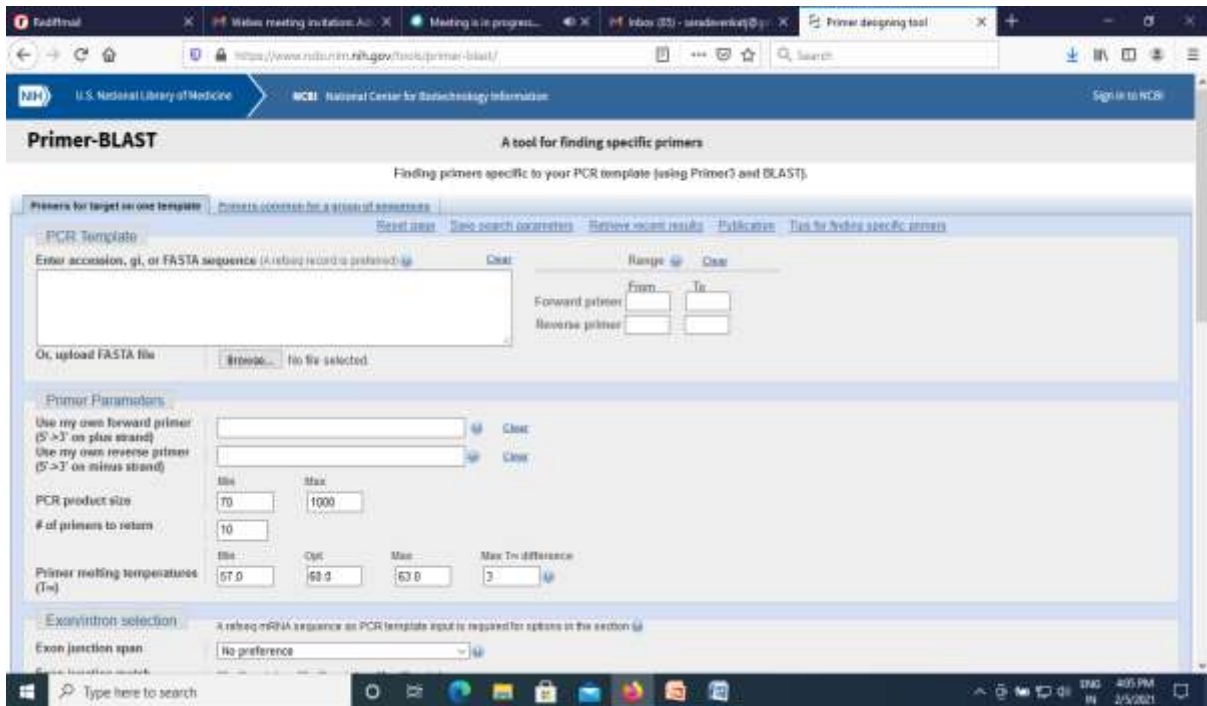
KAHOOT Tool usage



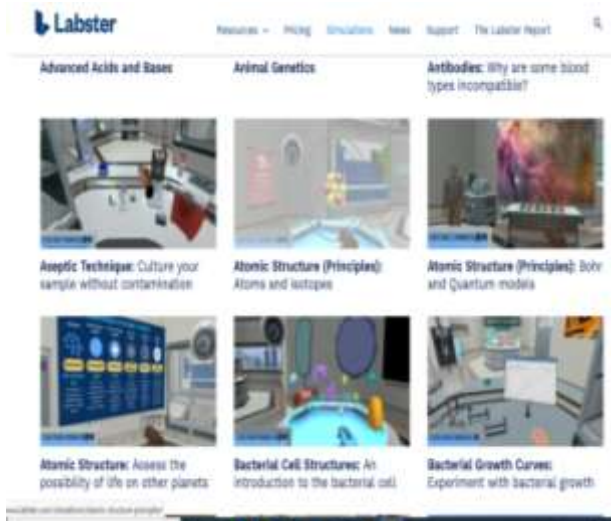
Wise Mapping



Primer design - bioinformatic tool

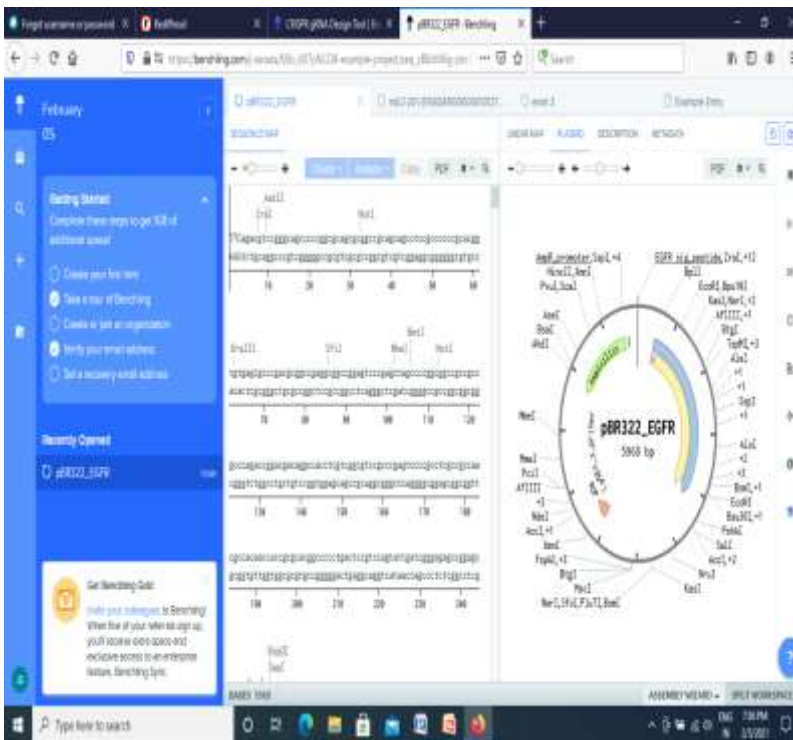


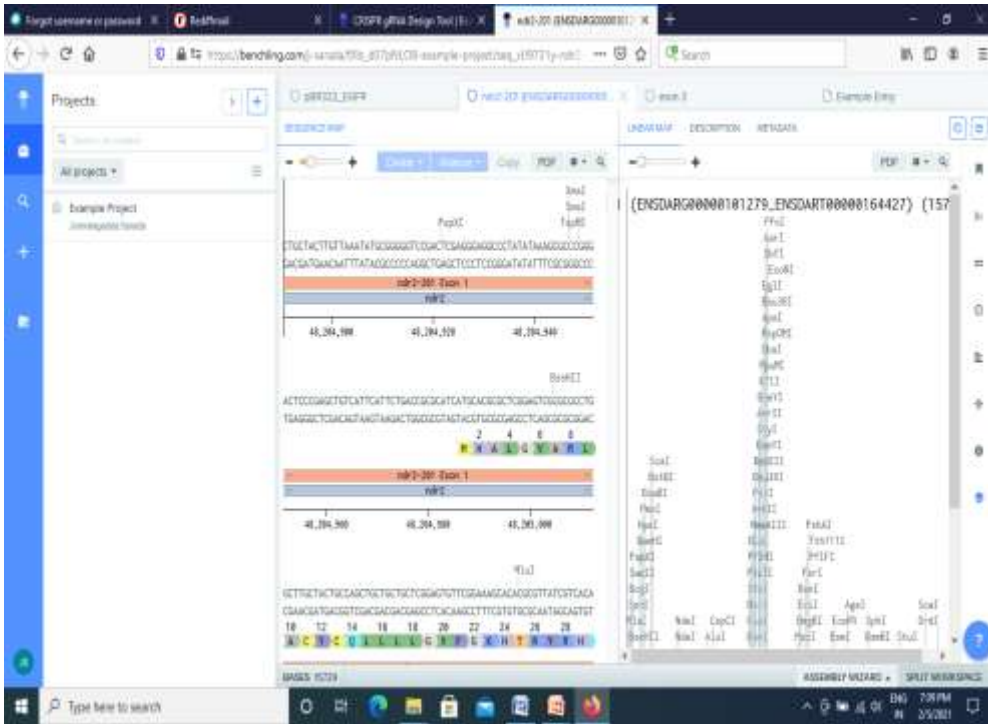
Labster simulations



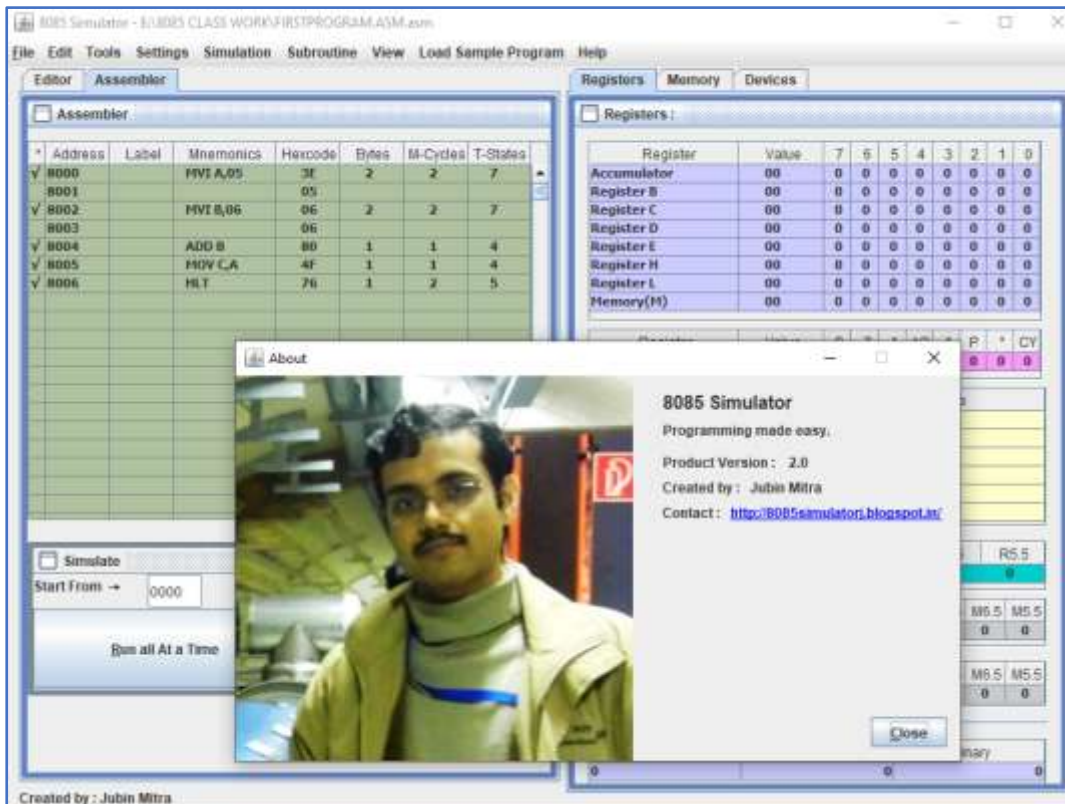


Benchling – bioinformatic tool

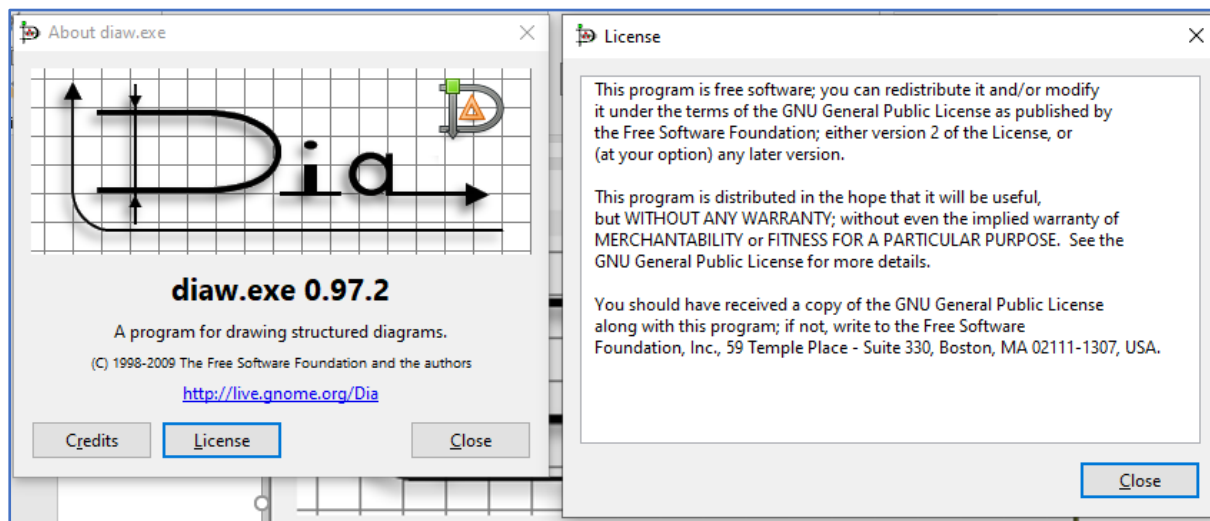




Mitra 8085 simulator for the lab experiments demonstrations

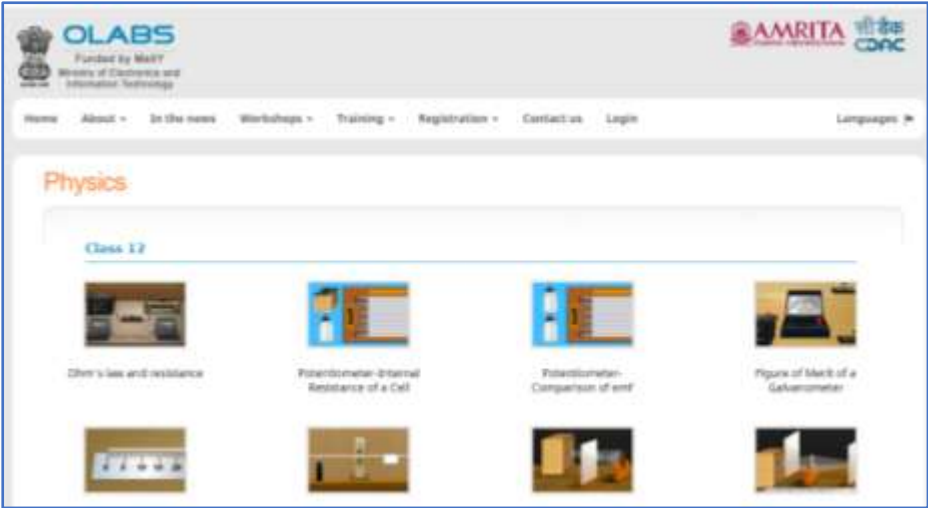


Dia0.97.2

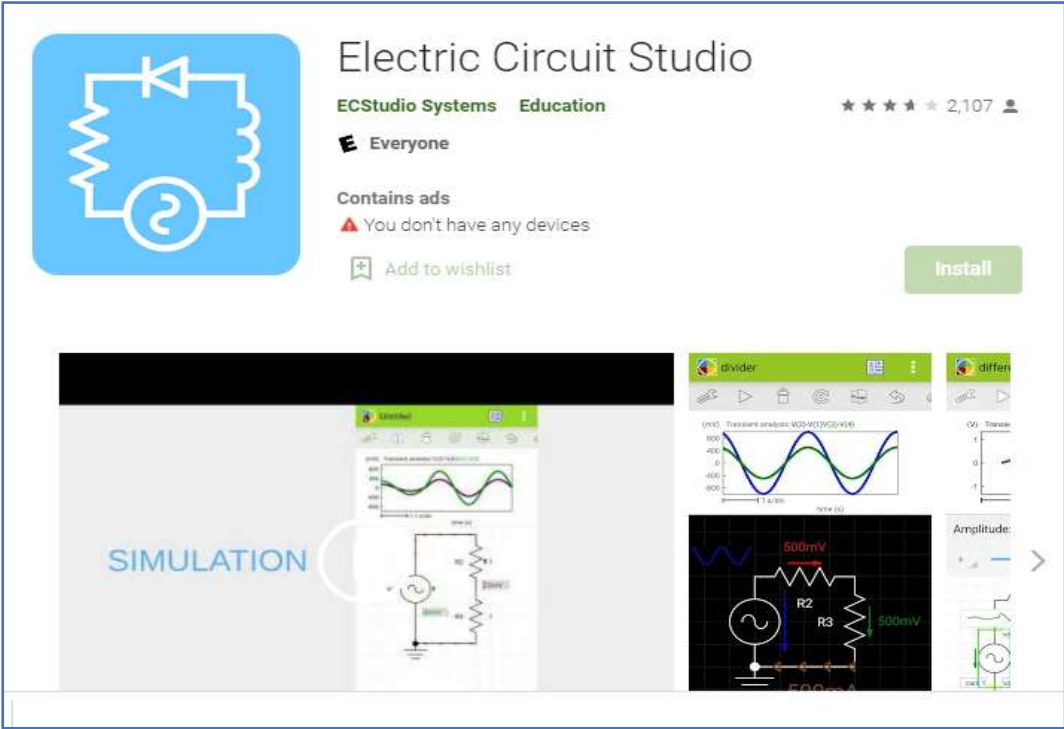


Amrita Lab Tools usage for Online Practicals





Electronic Circuit Studio Lab Tool



Licensing

PhET Simulations

All simulations available at <http://phet.colorado.edu> are open educational resources available under the Creative Commons Attribution license ([CC-BY](https://creativecommons.org/licenses/by/4.0/)).

Permission is granted to freely use, share, or redistribute PhET sims under the CC-BY license. The following attribution is required:

PhET Interactive Simulations
 University of Colorado Boulder
<https://phet.colorado.edu>

If your use includes redistribution of the simulations, please let us know [with this form](#).

PhET-iO Simulations

PhET's interoperable sims provide enhanced capabilities for interoperability with a wide variety of educational technology, including customization, streaming output data, and versatile API control. PhET-iO sims are a licensed product. Contact phet-io@colorado.edu for more information.

Teaching Activities

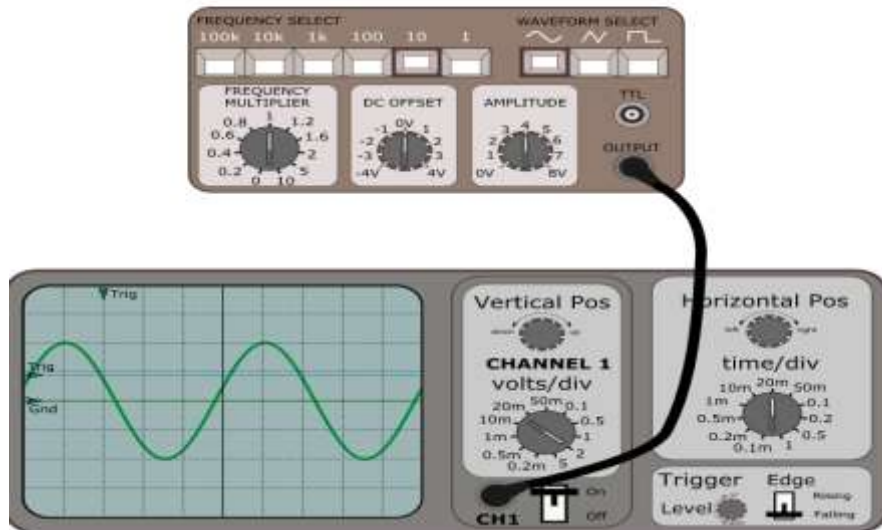
A wide variety of teaching activities have been contributed by the PhET team and its user community, and are available for you to adapt and use in your classroom. If you require a [CC-BY](https://creativecommons.org/licenses/by/4.0/) license, please check the specific activity to see if it is available under CC-BY.

Simulator Tool supporting both windows and android versions

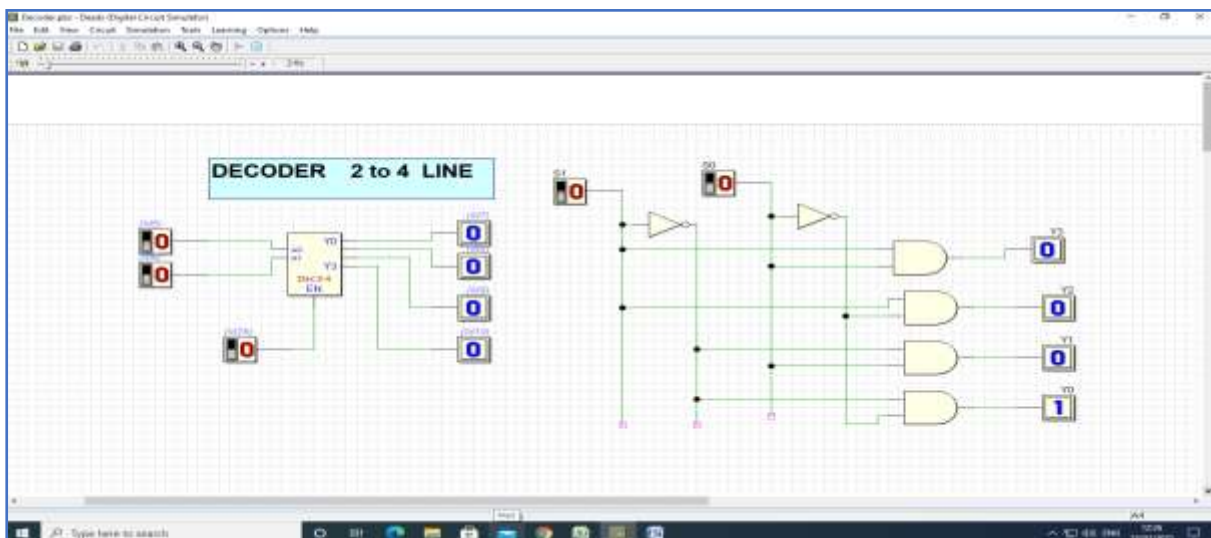




Just click on any of the dials or buttons to explore how they work. [1\) Check out a youtube video of the simulation in action.](#) [2\) Talk by David Dorrain, TU Dublin](#)



Digital Circuit Simulator



Tinkercad.com

