

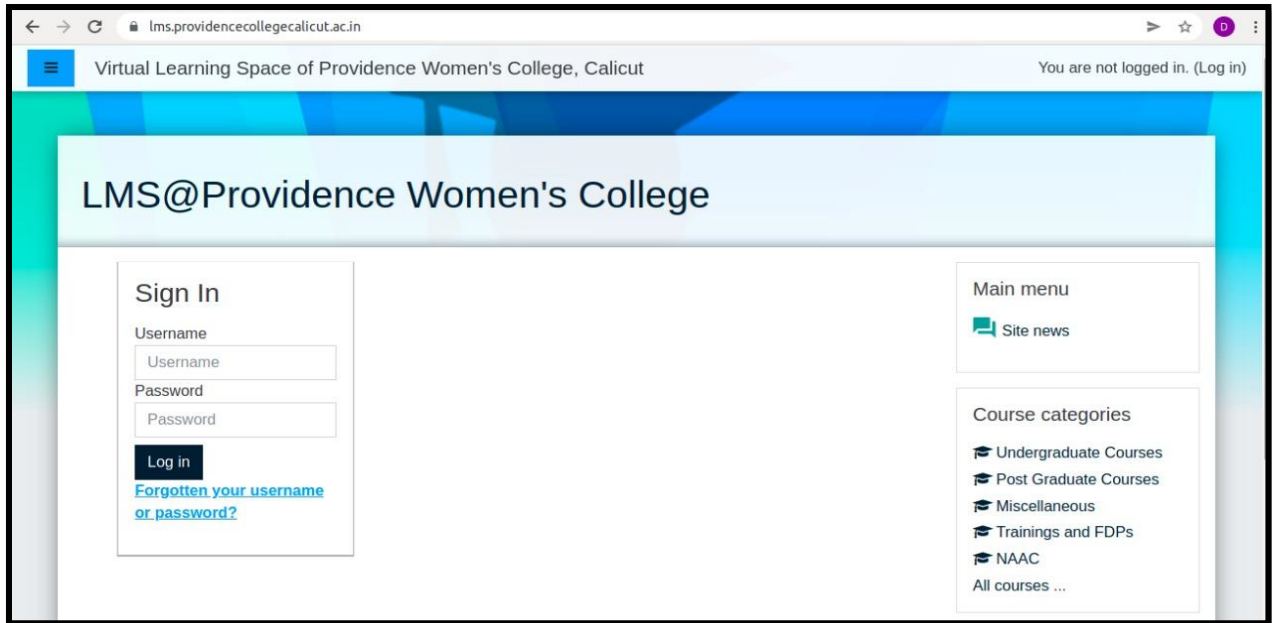
2.3.1: ICT Tools for Effective Teaching-Learning Process.

Sl. No	Contents	Page No.
1	ICT tools used by Teachers	02
2	LMS: Moodle	03-05
3	Google Classroom	05-06
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10	Smart Boards & Smart Classrooms	16-18
11	PowerPoint Presentations	18-19
12	E-Repositories	19-21
13	Data Analysis Tools	22
14	Other Tools and Apps	23-24

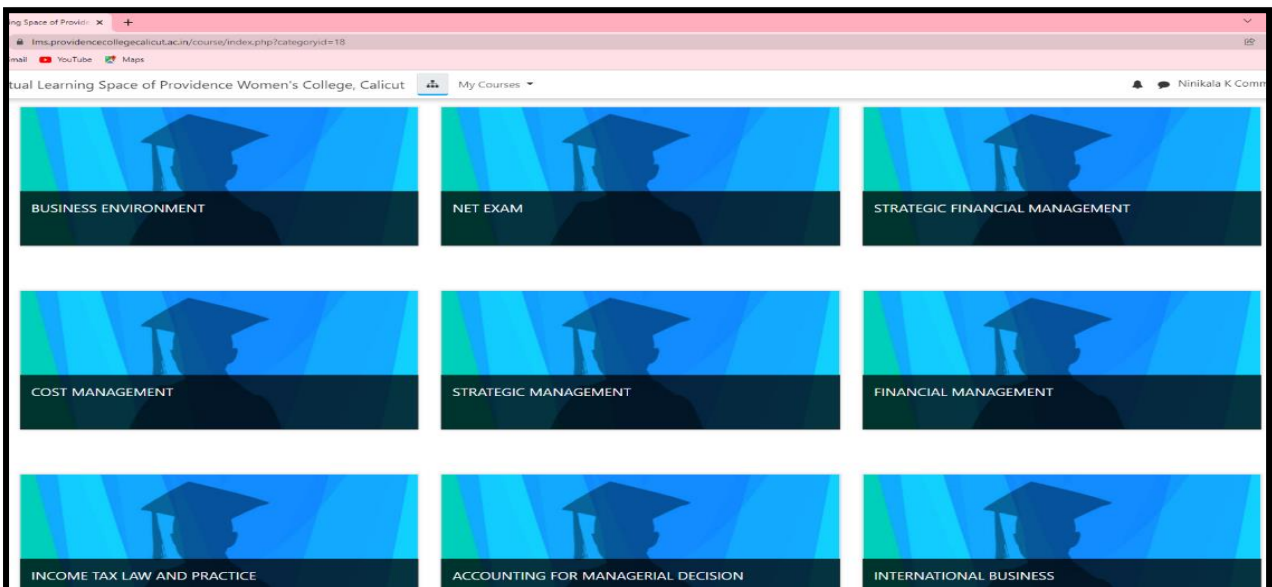
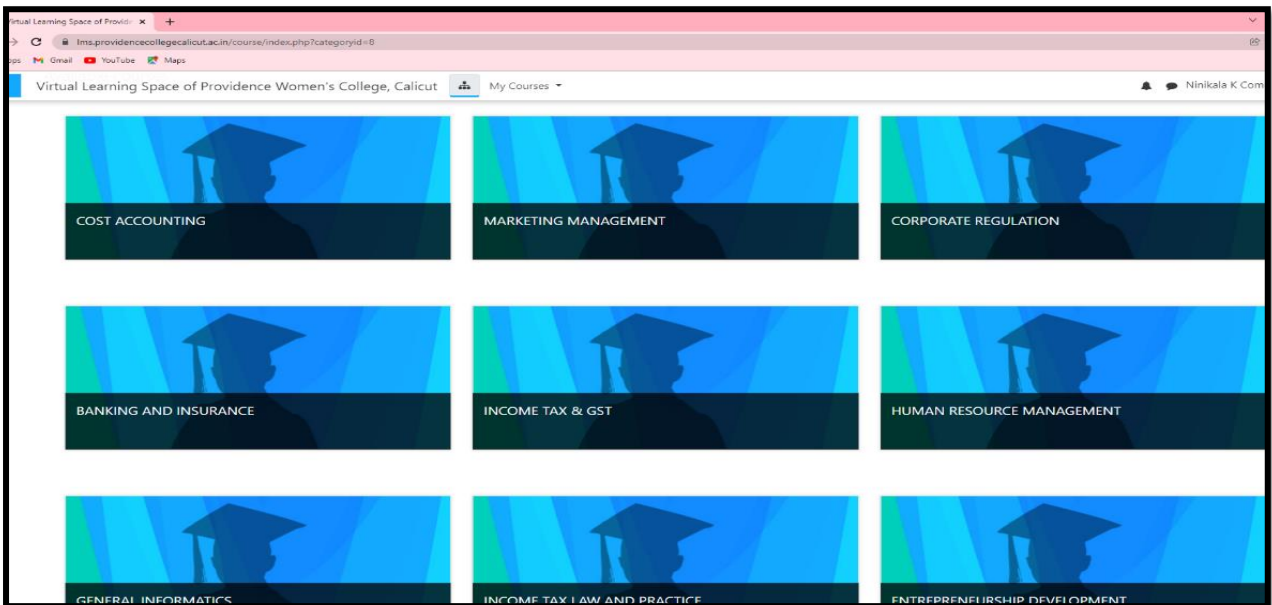
ICT TOOLS USED BY TEACHERS

1.	Learning Management System (LMS)	Moodle
		Google Classroom
		Teachmint
2.	Evaluation and Assessment	Google Forms
		Moodle
		HotPots
		H5P
		Kahoot
		Quizizz.com
3.	Networked Communication Platforms	Google Meet
		Zoom
		YouTube Channels
		Podcasts
		Telegram Channels
		Whatsapp Groups
		Blogs
4.	E-Learning Resources	SWAYAM, NPTEL
		N-LIST Programme of INFLIBNET
		e-PGPathshala
		LibreTexts
		Chemtube3D
		Edinformatics
		Com Dig Lib
		Digi Drive
5.	Interactive Learning Tools	PowerPoint Presentations
		Smart Boards
		Online White Board: https://whiteboard.fi/
		JAM Board
		Simulation Softwares, apps and online virtual labs (https://phet.colorado.edu/ , https://virtual.edu.rsc.org/ , https://www.vlab.co.in/ , https://vlab.amrita.edu/ , https://www.chemtube3d.com/ , https://ccnsb06-iiith.vlabs.ac.in/)
6.	Other tools and apps	MS Office
		OBS Studio
		Adobe Photoshop
		Open Shot Video Editor
		Kdenlive Video Editor
		Kagaz Scanner
		Google Drive
		Grammerly
		Mendeley
		Data Analysis Tools: SPSS, N-Vivo, Dedoose
		Canva
		Insert Learning
		Powtoon

LMS – MOODLE



<https://lms.providencecollegecalicut.ac.in/>



Course Entrepreneurship dev... Supporting Documents - Goo... (09) WhatsApp... Inbox (5,024) - ninkala@provi... Classwork for 2021 Income Tax... S2 Econ gradebook... New Tab

Virtual Learning Space of Providence Women's College, Calicut

Entrepreneurship development

Home > My courses > Entrepreneurship

2nd internal examination
Announcements
RETEST

Module 3

- Critical path method: CPM
- CPM illustration
- PERT
- Financial Analysis
- Techniques of financial Analysis
- Project financing
- Ed

Virtual Learning Space of Providence Women's College, Calicut

Course categories: Undergraduate Courses / Chemistry / V semester / Theory Courses

Search courses

Available courses

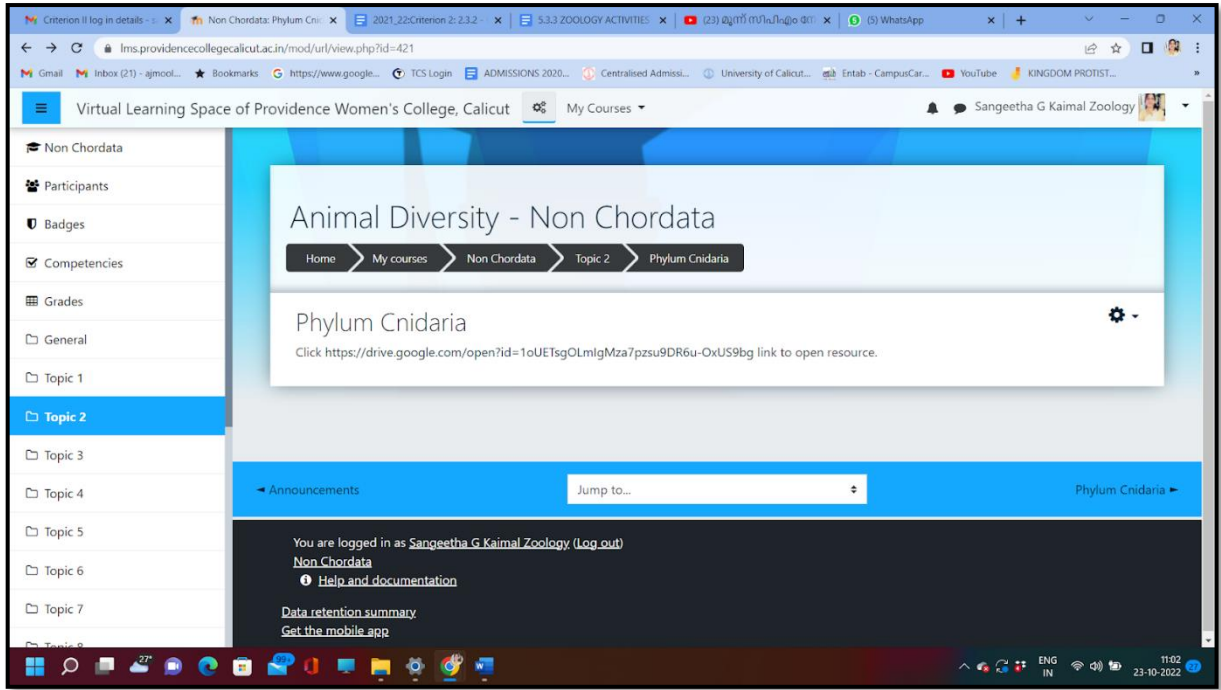
- PEER ASSESSMENT
- V SEMESTER INORGANIC CHEMISTRY I
- V SEMESTER ORGANIC CHEMISTRY

Virtual Learning Space of Providence Women's College, Calicut

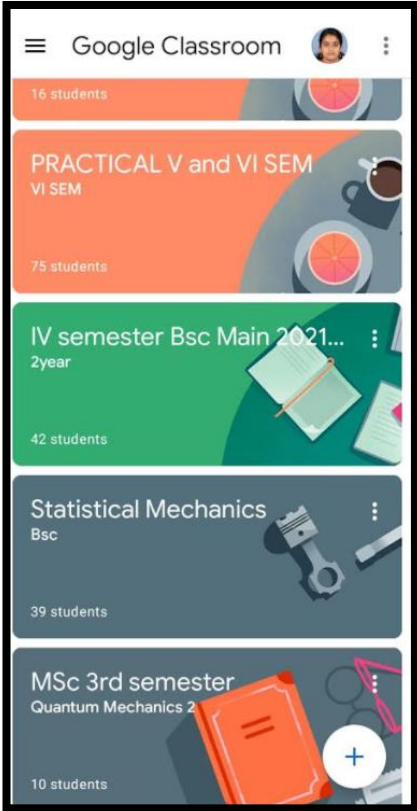
General Chemistry

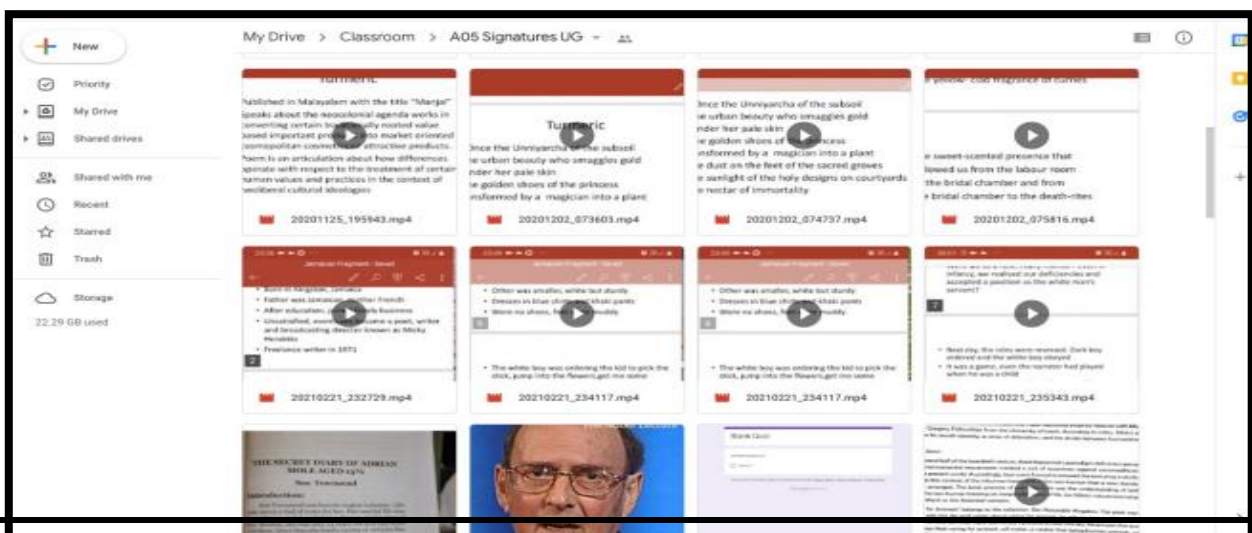
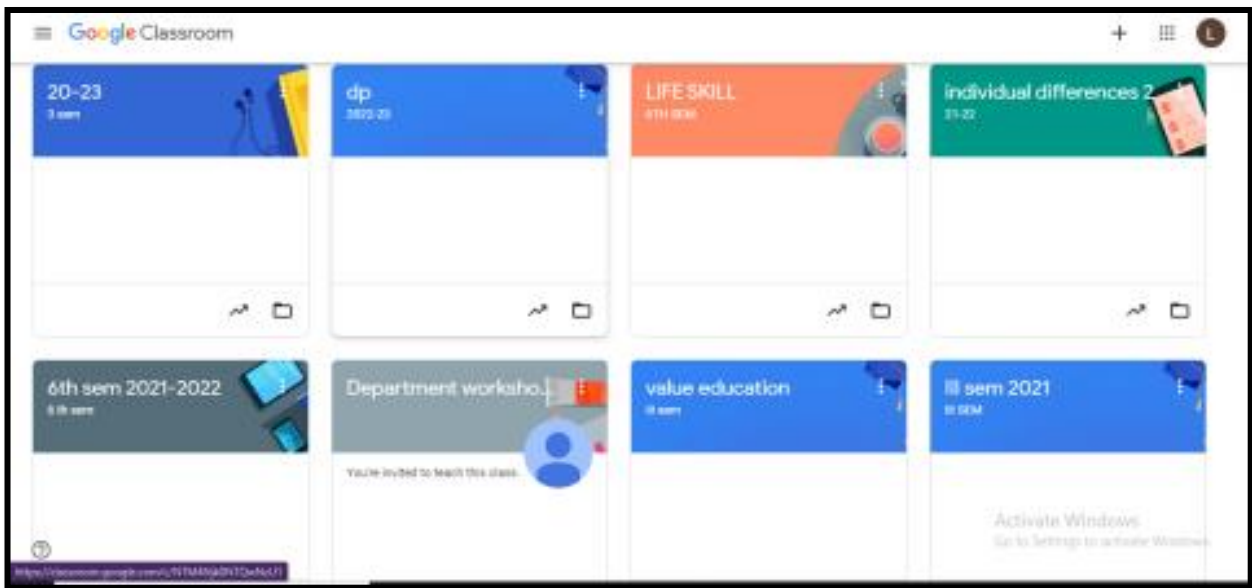
Home > My courses > CHE2C01

- Announcements
- Syllabus Done
- Evaluation Scheme Done
- Question paper Mark as done



GOOGLE CLASSROOM





GOOGLE MEET

drive.google.com/file/d/19ohgPy96Tr_MrHni-AEp3cQGNDHwV0K/view

III COMPUTATION OF INCOME FROM HOUSE PROPERTY

- INCOME FROM HOUSE PROPERTY = AV minus the Following:
 1. 30% of AV as Standard deduction
 2. Interest for the PY. (Paid or Not) on loans taken for purchasing, constructing, repairing the house property.
 3. 1/5 of interest for pre-construction period or pre-acquisition period
pre-construction period = Date of borrowing to 31st March preceding the date of completion or date of repayment whichever is earlier.

You have extensions installed that may affect the quality of your call

Learn more Dismiss

ARRNIMA T.S., Liyana Ashraf, aila fud, sona santhosh, Neethika Sethu, Akshaya Sajith, Kenza Ferin, Nufia, Injail Joseph, ASWATHI PK, Hafsa Pk, Geethika E, Sona Shaji, Fathimathul, Adithya CV, Krishna sneesh, KRISHNA DINE..., Abigail rhea Fe..., Sre..., GC..., FATHIMA SHAH..., Shlopa Shlopa, Amina Barkath, Aya..., Maryam dxb47, Deepthi alfrod, Lina Sameer, Saranya K, Neethusha S, THEERTHA PC, drishyan, Aysha Sameer, Suha Saleem, Nandana Karandu, Nandana M, Azwa Rena, 24 others, You

8:46 AM | Internal Exam

Tracking Started 16 min 50s ago Click To Generate Report

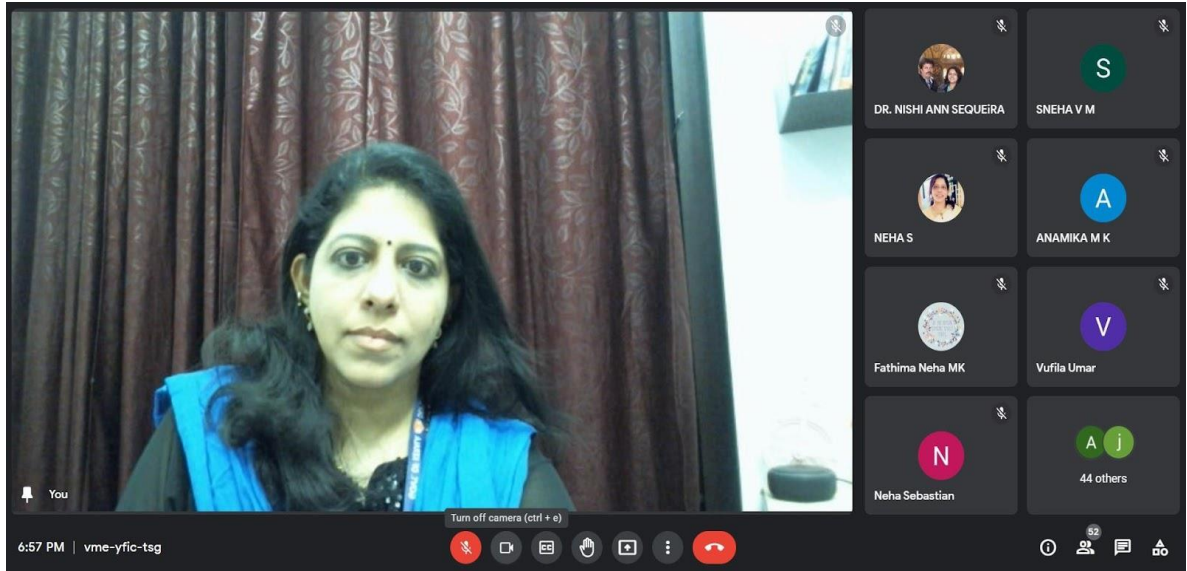
SMOKING HABITS,
ACTIVE & PASSIVE SMOKING

Submitted to Dr. Sangeetha Ma'am
Dept. of Zoology
Providence Women's College

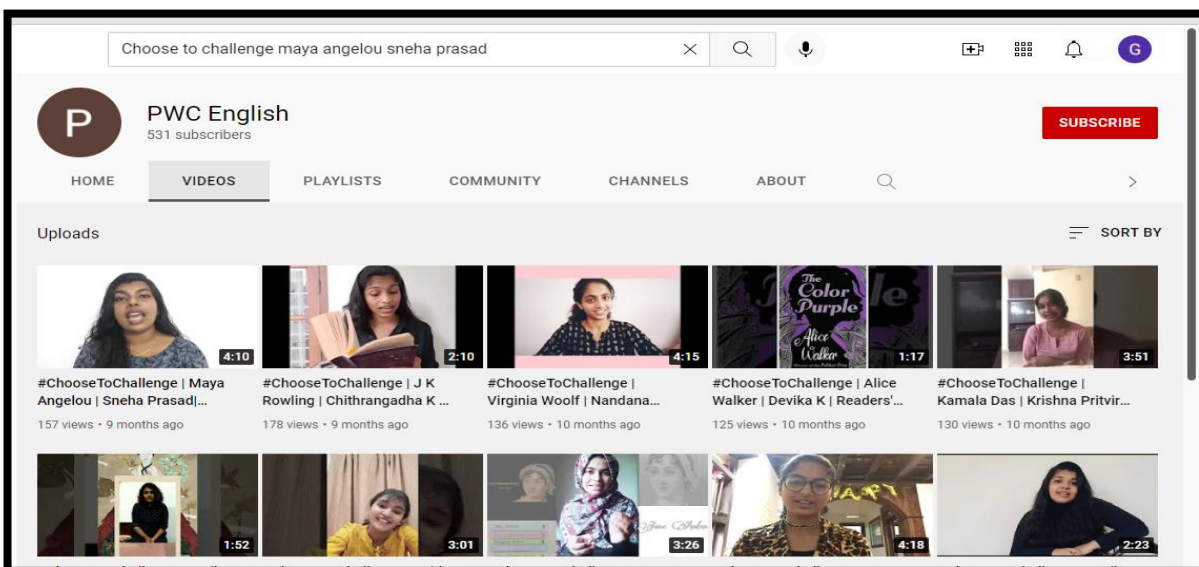
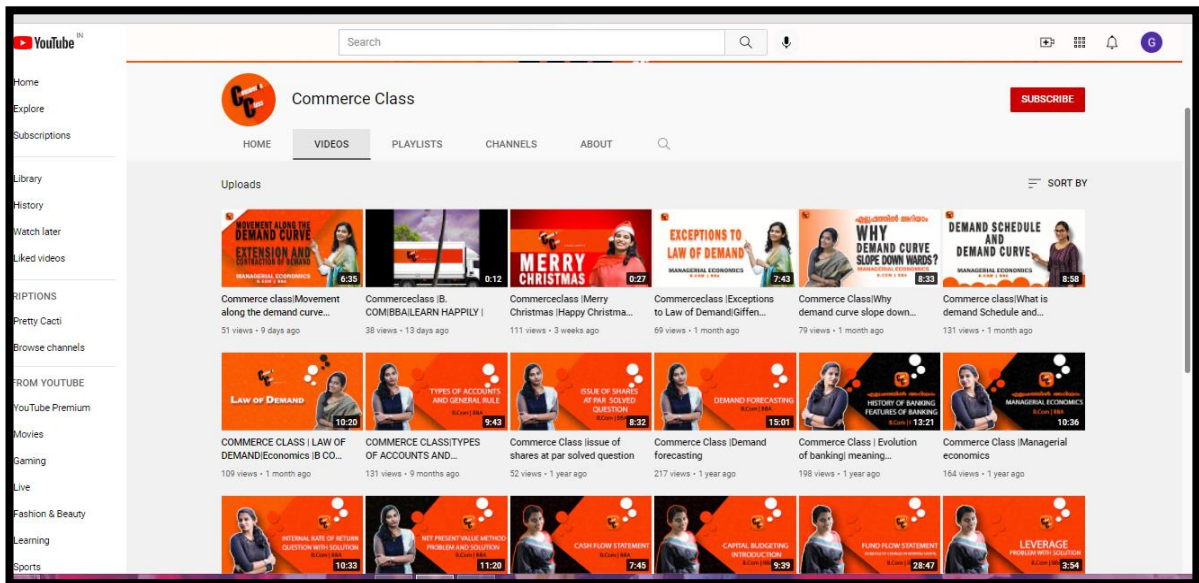
Submitted by Nilā S
III Chemistry
Providence Women's College

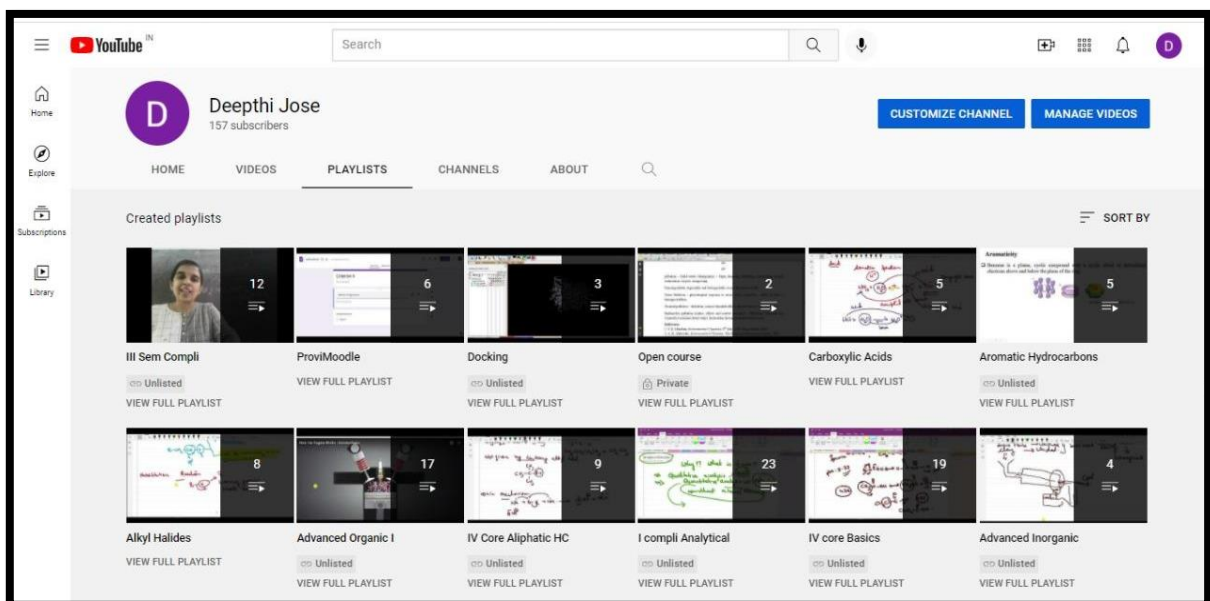
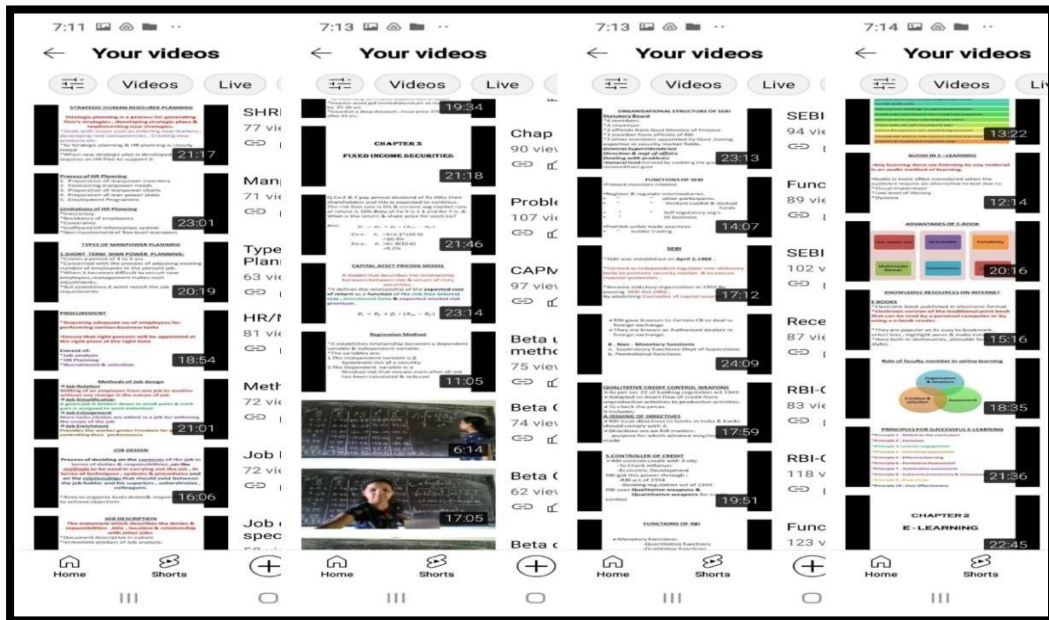
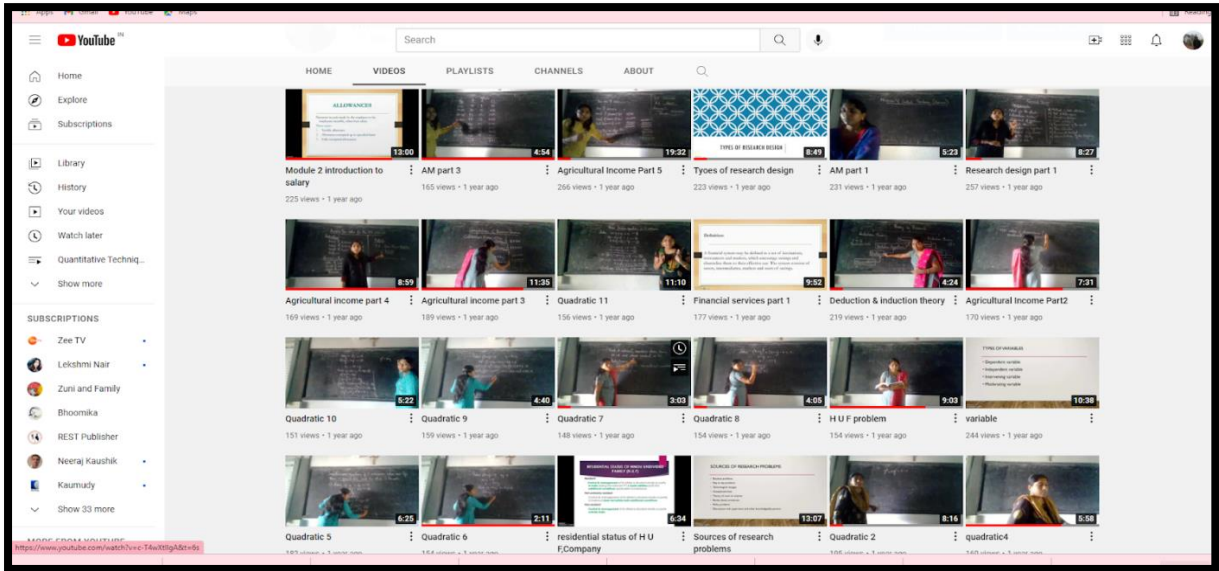
meat.google.com is sharing your screen. Stop sharing Hide

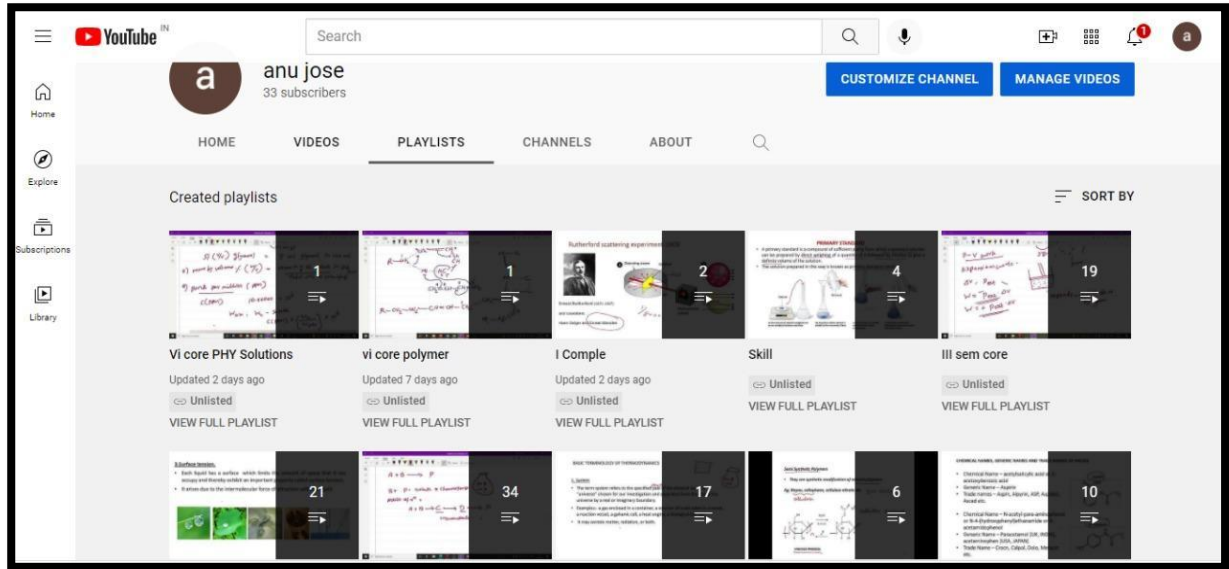
N NILA S
E ESTHER ABRAHAM
V Vyshnavi M V
A ASHLY K S
a aneghap p
A AKSHAYA N
Anjana Prithviraj
G GOPIKA SURESH P M
R S 8 others
S You
Chat with everyone



YouTube Channel







ONLINE ATTENDANCE

Attendance Tracking Started at : 12:06:03 PM

Attendance Tracking Stopped at : 12:57:09 PM

Total Number of People Attended : 43

Total Meeting Duration; : 51 min 4s

***Number Of People Attended More Than 65% of the Meeting : 19**
Of People Attended Less Than 65% of the Meeting : 24

***Number**

Detailed Attendance Report

SNo	People Name	Attended Duration	Attended Percentage
1	ADITHYA_ADII	1 min 12s	3%
2	AISWARYA ACHUTHAN	48 min 1s	95%
3	ALEENA M R	27 min 10s	54%
4	AMAL ABDUL AZEEZ	47 min 26s	93%
5	AMALA SAJI	48 min 59s	96%
6	AMAYA BIJU	50 min 50s	100%
7	AMINA O	45 min 21s	89%
8	AMRITHASREE S N	48 min 14s	95%
9	ANJALA ABDUL SALAM	24 min 37s	49%
10	APARNA BABY	49 min 9s	97%
11	ARYA SIBI	50 min 36s	100%

Sort by last name	Aug 5 In a Newton's...	Aug 5 Attendanc e...	Jul 30 Newton's rings are...	Jul 29 Write any two of...	Jul 2 How many percenta...	Jul 2 Attendanc e	Jul 1 Attendanc e	Jun 25 Attendanc e	Jun 18 Attendanc e	Jun 17 Attendanc e
Class average	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Abhinandana AP	Missing	Missing	Missing	Missing	Missing	Missing	Missing	Missing	Turned in	Turned in Done late
Aiswarya Mk	Turned in	Turned in	Turned in	Turned in	Turned in	Turned in	Turned in	Turned in	Turned in	Turned in
AKHINA JOHN	Turned in Done late	Turned in	Turned in	Turned in Done late	Turned in Done late	Turned in Done late	Turned in	Turned in	Turned in	Turned in Done late
Ambily Elizabeth John	Turned in Done late	Turned in Done late	Turned in Done late	Turned in	Turned in	Turned in	Turned in	Turned in	Missing	Turned in
AMITHA T A	Missing	Turned in	Turned in	Missing	Missing	Turned in	Turned in	Turned in	Turned in	Turned in

Online Assessment Tools

Micro Economics Test Paper

Questions Responses Settings Total points: 20

Section 1 of 2

Micro Economics Test Paper

Date: 24/6/2021
Duration: 15 min

Full Name

Short answer text

After section 1 Continue to next section

Section 2 of 2

Multiple Choice Questions

Description (optional)

Which of the following not an exception to law of demand?

Vocabulary Test Part 2

Questions Responses Settings

Vocabulary Test Part 2

Based on the paragraph that begins with "Everyone knows what happened in the Soviet Union" to "But this policy was by no means restricted to Central America". Fill in the blanks in these sentences with appropriate words that are used in the text in the specified section.

1. We need to get our certificates _____ by the Head of the Department.

Short answer text

2. This article on Music is not very good because it is written very _____.

Short answer text

3. Greece was the _____ power in ancient times, but now it is in a rather poor state.

Short answer text

4. You should be more responsible to yourself and never offer _____ to someone who might

Feedback form

VI semester Economics

Write a genuine feedback on mathematical economics class. You can give suggestion if you think the class must be improved and kindly mention the problems if you are facing with any difficulty in understanding the class.

Long answer text

Are you good at basic mathematics? *

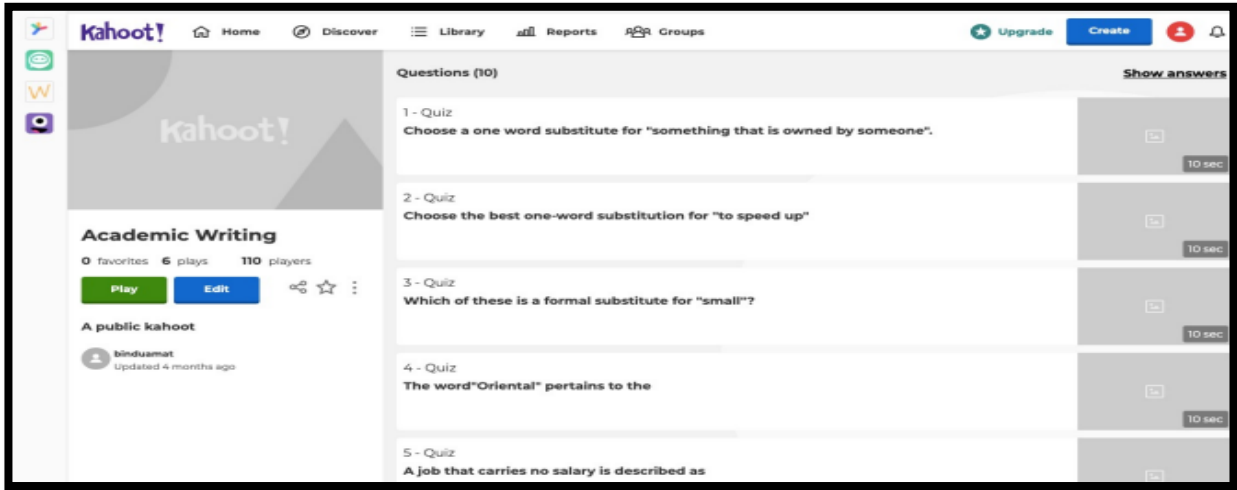
Yes

No

Infrared Spectroscopy			
Played on	4 Feb 2020		
Hosted by	drsobha		
Played with	31 players		
Played	15 of 15		
Overall Performance			
Total correct answers (%)	49.25%		
Total incorrect answers (%)	50.75%		
Average score (points)	6139.13 points		
Feedback			
Number of responses	25		
How fun was it? (out of 5)	3.94 out of 5		
Did you learn something?	95.24% Yes	4.76% No	
Do you recommend it?	100.00% Yes	0.00% No	
How do you feel?	72.00% Positive	28.00% Neutral	0.00% Negative

BASIC ELEMENTS OF SPECTROSCOPY			
Played on	3 Dec 2019		
Hosted by	drsobha		
Played with	36 players		
Played	10 of 10		
Overall Performance			
Total correct answers (%)	50.28%		
Total incorrect answers (%)	49.72%		
Average score (points)	4103.14 points		
Feedback			
Number of responses	17		
How fun was it? (out of 5)	4.31 out of 5		
Did you learn something?	93.33% Yes	6.67% No	
Do you recommend it?	93.33% Yes	6.67% No	
How do you feel?	82.35% Positive	17.65% Neutral	0.00% Negative

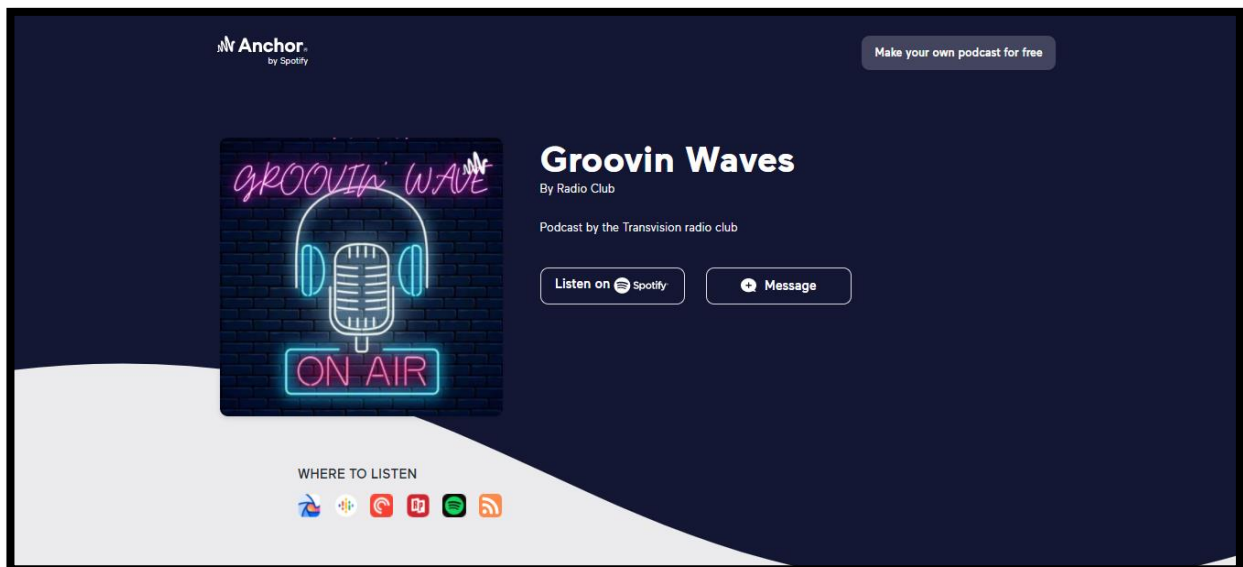
Switch tabs/pages to view other result breakdown



PODCASTS



Podcast channel for Lectures by eminent scholars in the field of literary and cultural studies.
<https://anchor.fm/pwc-english>



Podcast Channel of the Radio Club
<https://anchor.fm/radio-club6>

E-learning Resources

PhetCholarado

The screenshot shows the PhET Atomic Interactions simulation. At the top, the browser address bar displays `phet.colorado.edu/sims/html/atomic-interactions/latest/atomic-interactions_en.html`. The main interface features a graph of Potential Energy versus Distance Between Atoms. The graph shows a red curve that starts at a high positive energy for small distances, crosses the zero energy line at a distance labeled σ , reaches a minimum at a distance labeled ϵ , and then levels off at zero energy for larger distances. To the right of the graph is a control panel with a 'Pinned' button, a list of atom types (Neon, Argon, Oxygen) with radio buttons, and a 'Forces' section with a '+' button. Below the graph is a 3D model of two atoms (represented as blue spheres) with a hand cursor pointing at them. At the bottom, there are playback controls (Pause, Play) and speed settings (Normal, Slow). The PhET logo is in the bottom right corner.

Chemtube3D

The screenshot shows the Chemtube3D website. The browser address bar displays `chemtube3d.com/aibointro/`. The page title is 'Introduction to Animated Molecular Orbitals'. Below the title, there is a navigation breadcrumb: 'Home / Organic Reactions / Animated Molecular Orbitals / Introduction to Animated Molecular Orbitals'. A red text box says 'Notice the Inversion of Stereochemistry in the Product'. To the right of this text is a 'CONTROLS' button with a gear icon. Below the text and button are two 3D molecular orbital diagrams. The left diagram shows a molecule with a central carbon atom (grey) bonded to two white atoms, with green and red lobes representing orbitals. The right diagram shows a molecule with a central carbon atom (grey) bonded to two white atoms, with blue and purple lobes representing orbitals.

Ed informatics

← → ↻ worldofmolecules.com/3D/why-do-carcinogens-cause-cancer.html

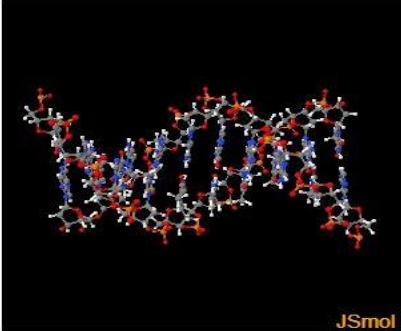
World of Molecules Food Life Antioxidants Drugs Solvents

making all the structures and materials the body needs to function.

DNA is organized as two complementary strands, head-to-toe, with bonds between them that can be "unzipped" like a zipper, separating the strands.

The sugar-phosphate backbones spiral around the outer surface of DNA.

Between these backbones are two different sized grooves, designated the major and minor grooves. The major groove is approximately 50% wider than the minor.



JSmol

DNA Structure

Major grooves in a helix refer to the larger of the unequal grooves that are formed as a result of the double-helical structure of DNA.

Minor grooves in a helix refer to the smaller of the unequal grooves that are formed as a result of the double-helical structure of DNA.

Try this to see the two grooves!!


Click the right mouse button over the image
Render --> Schemes --> CPK


Virtual Labs

virtual.edu.rsc.org/titration/experiment/2/5


Experiments home Titration home Register Log in







Dissolve the sodium hydroxide with distilled water. Transfer it to the volumetric flask (which has already been rinsed with distilled water) and make up the solution to exactly 250.0 cm³. Remember to rinse the beaker so that all of the sodium hydroxide goes into the flask.

Check 

vlab.amrita.edu/index.php?sub=2&brch=193&sim=350&cnt=1

you are here->home->chemical sciences->inorganic chemistry virtual lab->gravimetric estimation of barium

Gravimetric Estimation of Barium

Theory Procedure Self Evaluation Animation Assignment Reference Feedback

Objective:

To estimate the amount of barium in the whole of the given solution of barium chloride.

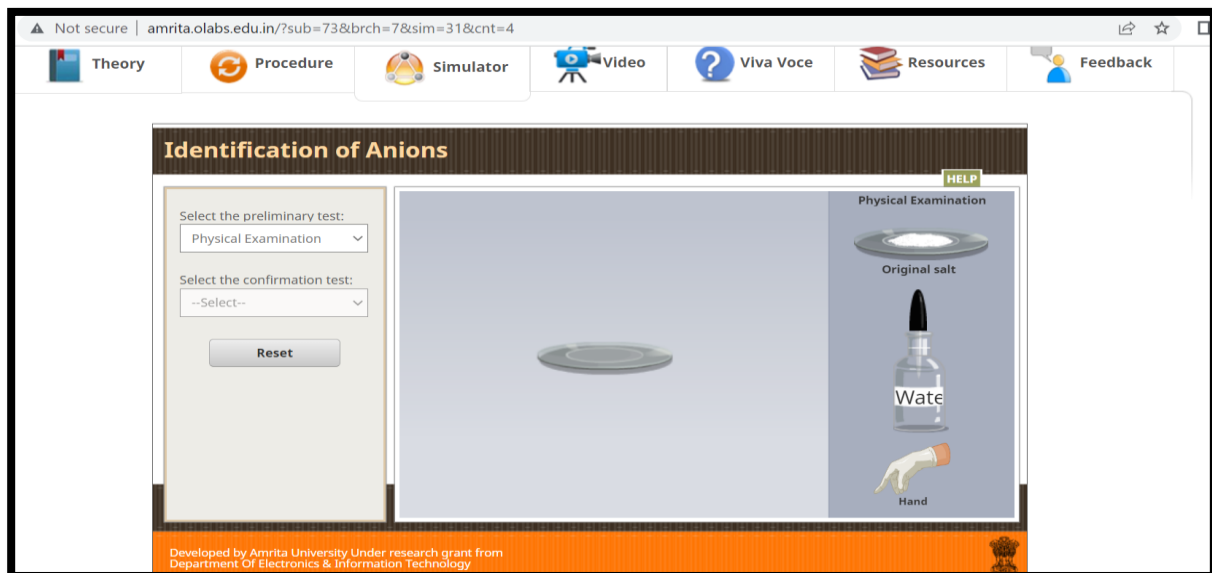
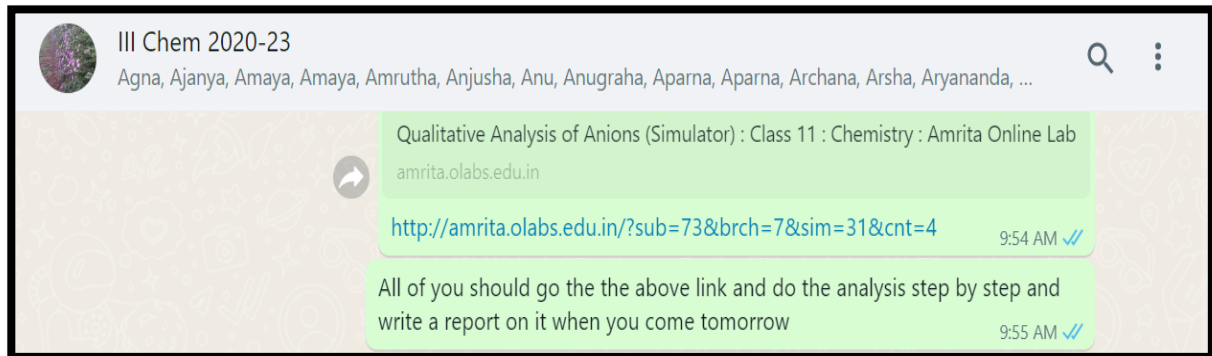
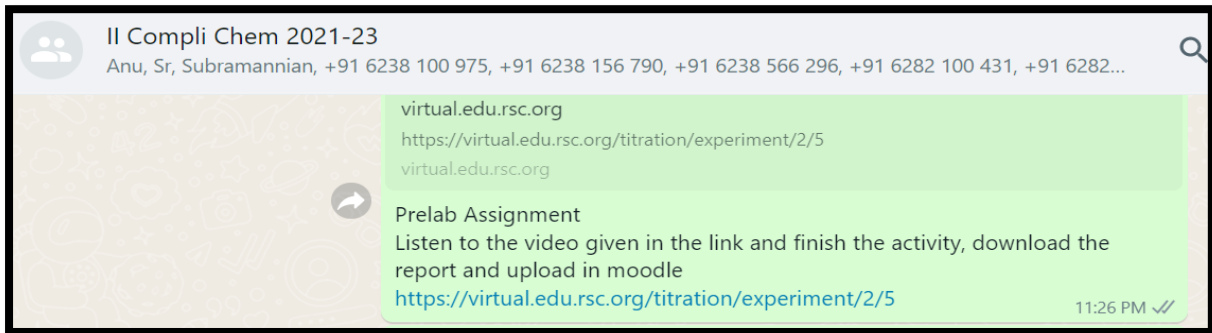
The Gravimetric Estimation of Barium:

The given barium chloride solution is made up to a definite volume. A measured volume of it is then treated with dilute sulphuric acid and then treated with dilute sulphuric acid and barium precipitated as barium sulphate.

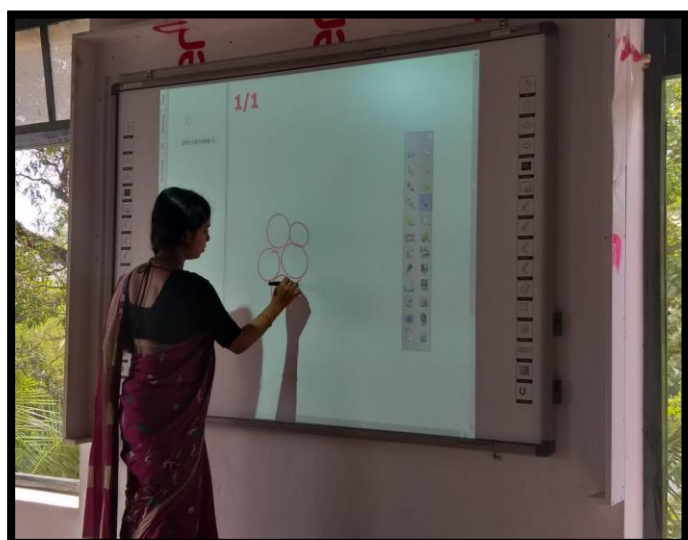
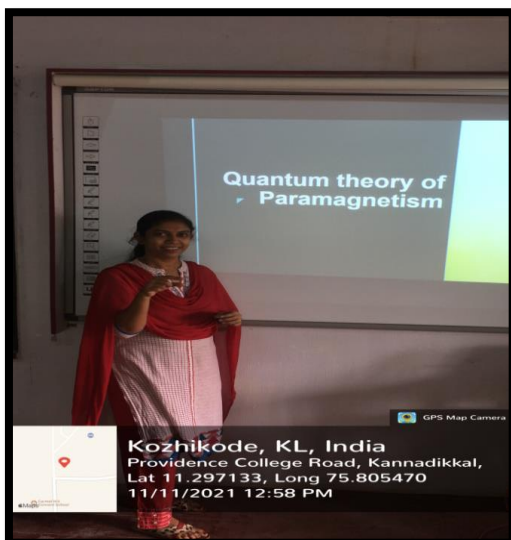
$$\text{BaCl}_2 + \text{H}_2\text{SO}_4 \rightarrow \text{BaSO}_4 + 2\text{HCl}$$

The precipitated barium sulphate is separated and weighed. The mass of Barium in the whole of the given solution is calculated knowing that 233.36 g of barium sulphate contains 137.36 g of barium.

Note: For more details refer the theory of "Gravimetric Estimation of Nickel."



Interactive Smart Board



Online Smart Board

The screenshot shows a Google Jamboard interface. The main board contains the following text:

$$ax^2 + bx + c = 0$$

Sol: $x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$

On the right side, there is an 'In-call messages' panel with the following content:

Let everyone send messages

Messages can only be seen by people in the call and are deleted when the call ends.

You 2:35 PM
I shared a Jam file with the meeting:
<https://jamboard.google.com/d/1Am1BoSrPLATm2iak199XWTM-eZytQOIBrKmJ3VFZ3w/viewer>
[usp=meet_whiteboard](https://meet.whiteboard)

Send a message to everyone

The screenshot shows a digital whiteboard with handwritten notes. The main text is:

Types

- 1) Cyclical unempt →
- 2) Disguised " → $4 - \frac{6}{8}$
- 3) Seasonal " → $(2-4) \rightarrow \text{extra}$
- 4) Educated " → $MP = 0$
- 5) Underemployment
- 6) Voluntary unemployment

On the left side, there are additional notes:

employment
annually
days | 100 days
yr / week
partially
unemploy |
/ day →
re →

At the top right, there is a hand-drawn bell curve graph. At the bottom, there is a toolbar with various drawing tools.

Smart Classrooms

The screenshot shows a smart classroom with a teacher standing at the front and students seated at desks. A large screen displays a presentation. The following information is overlaid on the bottom of the image:

Malaparamba, Kannadikkal, Kozhikode, Kerala 673009, India

Latitude: **11.2969061°** Longitude: **75.8050979°**

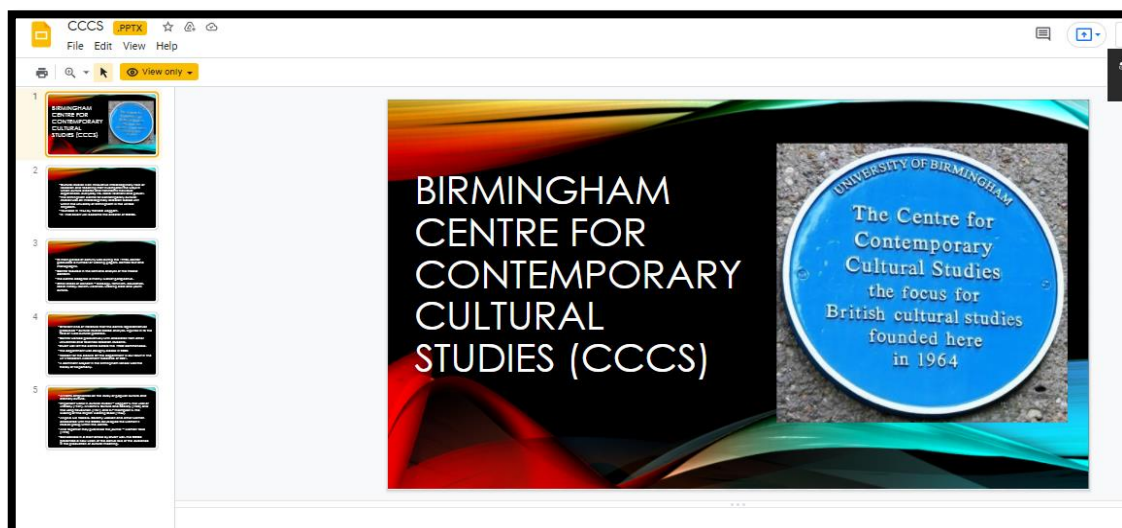
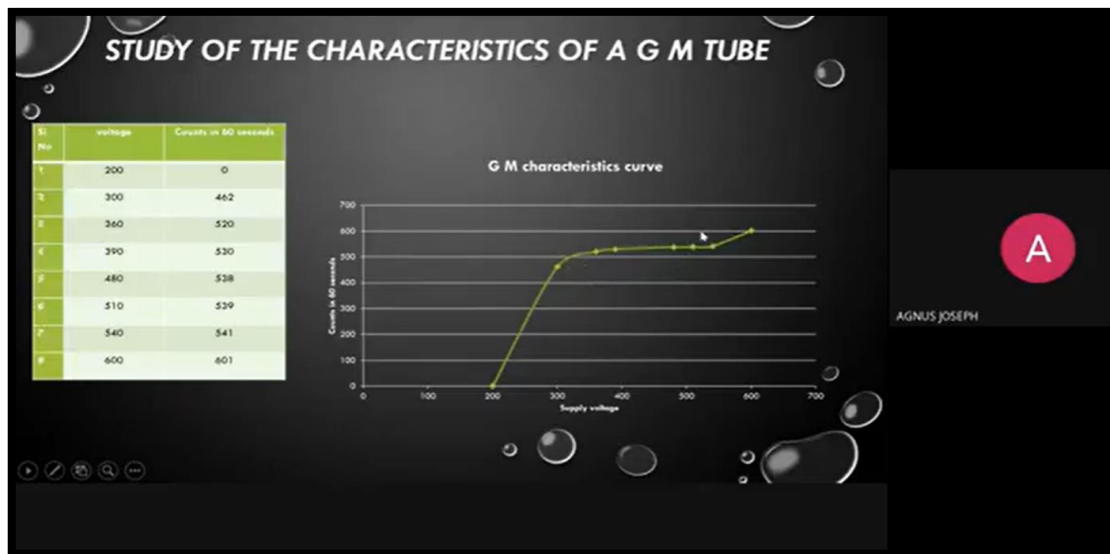
Local 01:48:34 PM Altitude -46 meters
GMT 08:18:34 AM Tuesday, 23-11-2021

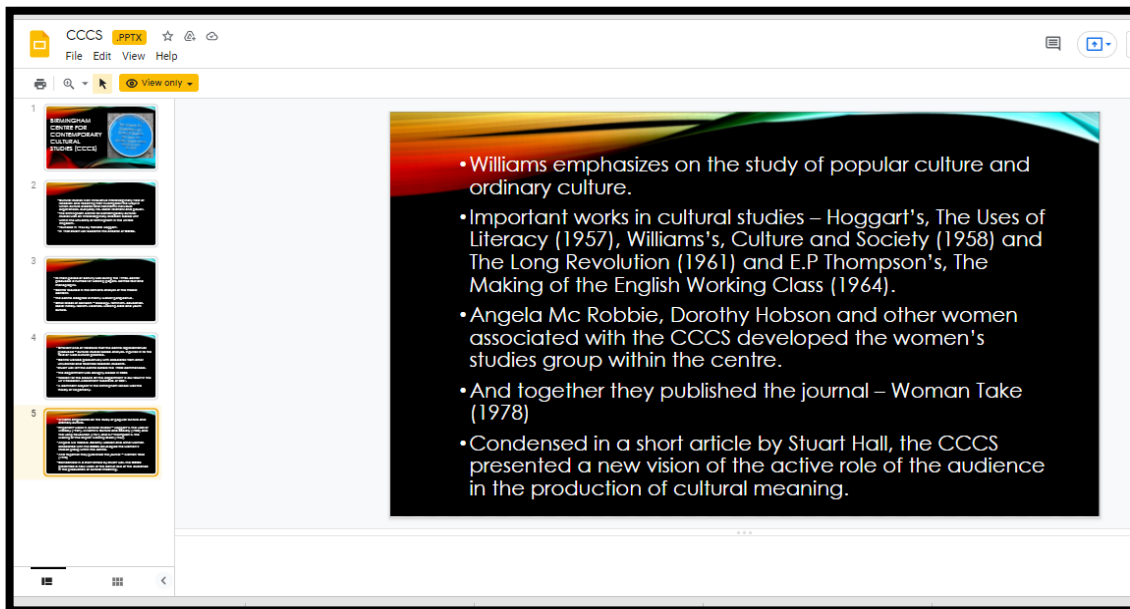
GPS Map Camera Lite



All the departments are equipped with Smart classrooms.

PowerPoint Presentation





E- Repository

Access to E resources is provided by college library through the N-list programme (Inflibnet, E-ShodhSindhu, and NDL) and DELNET. In addition, Digi Drive: a digital repository of e-books, videos created by teachers and study materials, is also provided to students.

N-LIST
National Library and Information Services
Infrastructure for Scholarly Content
extending access to e-Resources to colleges in India

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Awareness Programme

HOME ABOUT MEMBERS REGISTER **E-RESOURCES** SEARCH

E-Journals (Fulltext)	E-Books
✓ American Institute of Physics [18 titles]	✓ Cambridge Books Online [1800 titles]
✓ Annual Reviews [33 titles]	✓ E-brary [185000+ titles]
✓ Economic and Political Weekly (EPW) [1 title]	✓ EBSCoHost-Net Library [936 titles]
✓ Indian Journals [180+ titles]	✓ Hindustan Book Agency [65+ titles]
✓ Institute of Physics [46 titles]	✓ Institute of South East Asian Studies(ISEAS) Books [382+ titles]
✓ JSTOR [2500+ titles]	✓ Oxford Scholarship [1402+ titles]
✓ Oxford University Press [262 titles]	✓ Springer eBooks [2300 titles]
✓ Royal Society of Chemistry [29 titles]	✓ Sage Publication eBooks [1000 titles]
✓ H. W. Wilson [3000+ titles]	✓ Taylor Francis eBooks [1800 titles]
✓ Cambridge University Press [224 titles] (2010-2016)	

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National Library and Information Services
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Awareness Programme

HOME ABOUT MEMBERS REGISTER E-RESOURCES SEARCH

PROVIDENCE WOMEN'S COLLEGE, CALICUT

Home | Admin Dashboard

DASHBOARD

Providence Women's College, Calicut

- Address: Providence Women's College, Calicut, Calicut, Kerala - 673009
- Website: www.providencecollegecalicut.com
- AISHE Code: C-44532
- GST No: Not Found [Add GST No](#)

543 Active Users

31 Expired Users

1068 Pending Users

0 Delete Request

Principal Details

N-LIST College Admin Details

Technical Person Details

nlist.infiibnet.ac.in/veresources.php

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- Indian Journals [180+ titles]
- Institute of Physics [46 titles]
- JSTOR [2500+ titles]
- Oxford University Press [262 titles]
- Royal Society of Chemistry [29 titles]
- H. W. Wilson [3000+ titles]
- Cambridge University Press [224 titles] (2010-2016)
- Institute of South East Asian Studies (ISEAS) Books [382+ titles]
- Oxford Scholarship [1402+ titles]
- Springer eBooks [2300 titles]
- Sage Publication eBooks [1000 titles]
- Taylor Francis eBooks [1800 titles]
- MyLibrary-McGraw Hill [1124 titles]
- South Asia Archive [through NDL]
- World e-Books Library [Now Available through NDL only]

College repository: DSpace

Providence Women's College, Calicut
Digital Library

BA ECONOMICS

BA ECONOMICS

In Choose an item Search for Search Go

Browse by: Subject Issue Date Author Title

Sub-communities

- eBOOK
- MAGAZINE
- Project
- QUESTION PAPERS

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Providence Women's College, Malappurama, Kozhikode-673009
Phone: 0495-2371958 E-mail: providencecollegecalicut@gmail.com

DEPARTMENTS

Departments

In Choose an item Search for Search Go

Browse by: Subject Issue Date Author Title

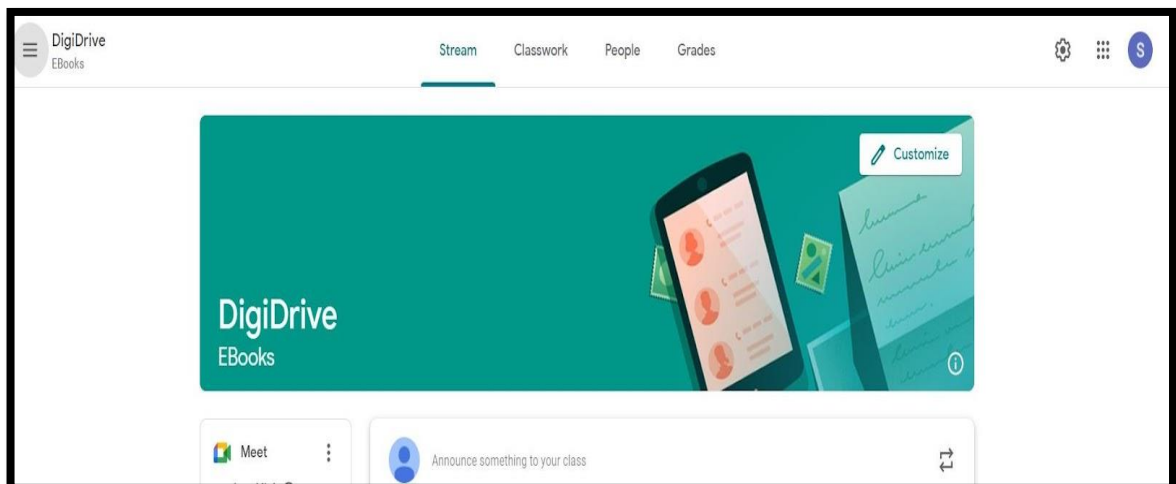
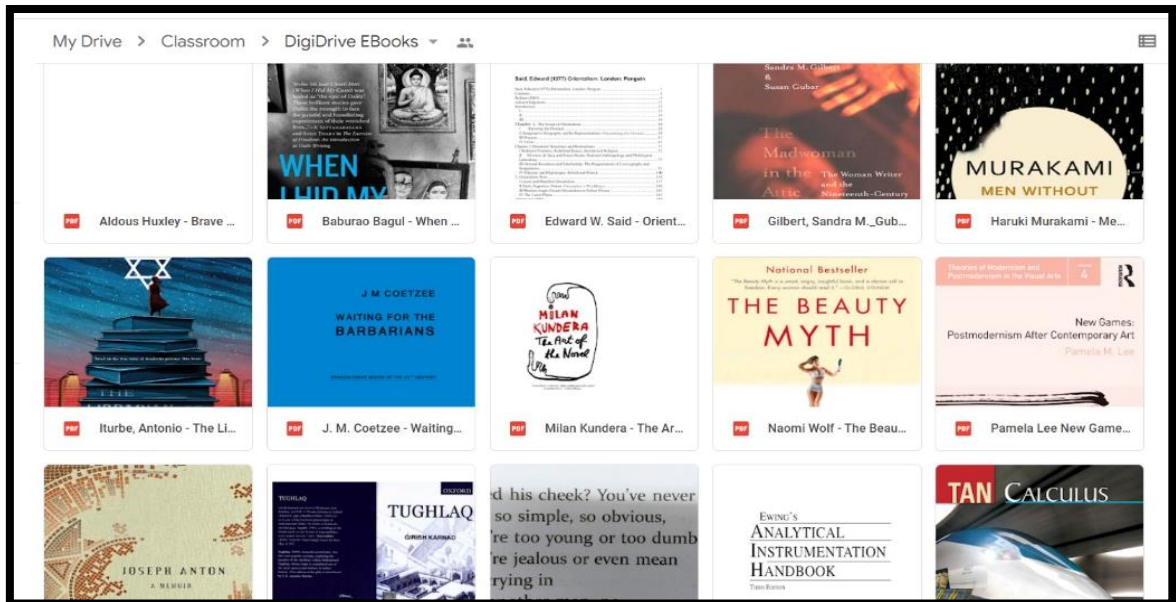
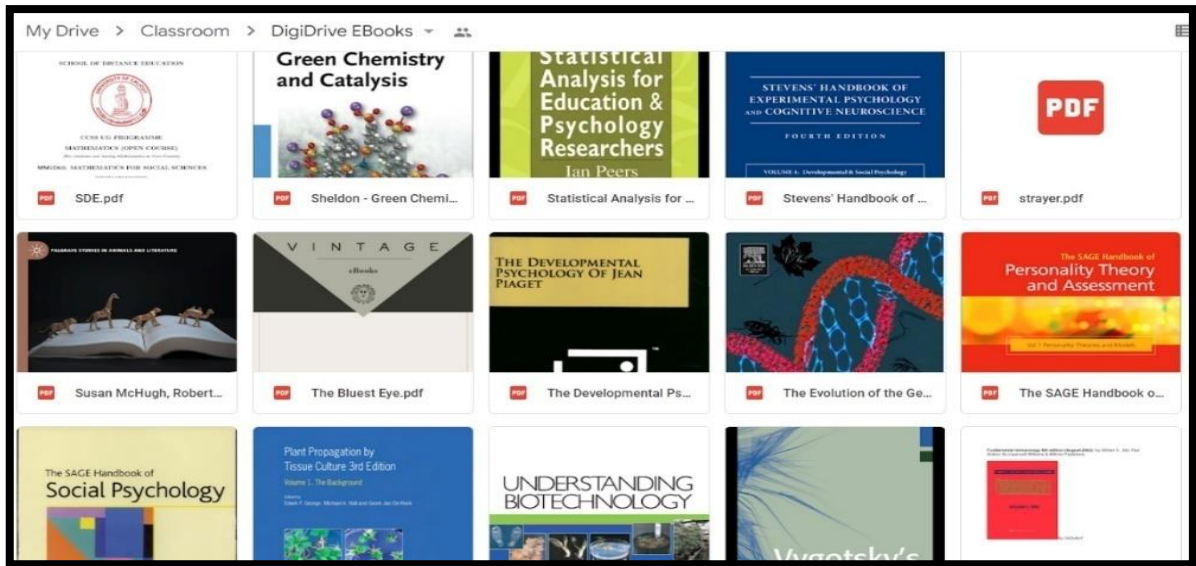
Sub-communities

- INTEGRATED POST GRADUATION
- POST GRADUATION
- UNDER GRADUATION

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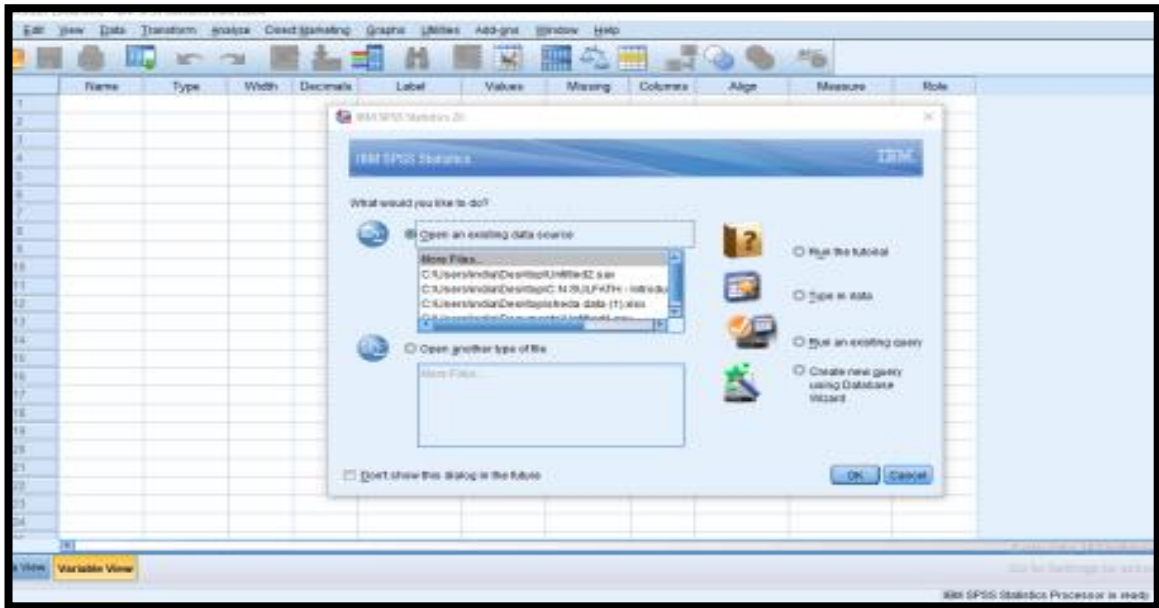
Providence Women's College, Malappurama, Kozhikode-673009
Phone: 0495-2371958 E-mail: providencecollegecalicut@gmail.com

DigiDrive



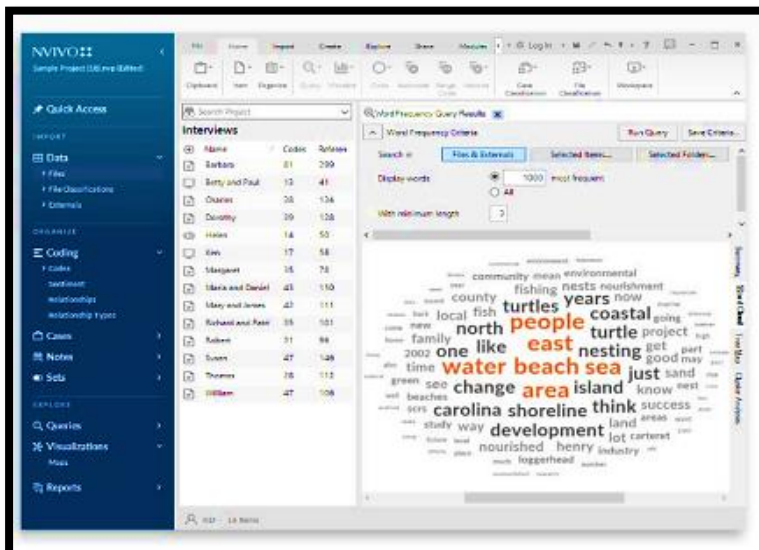
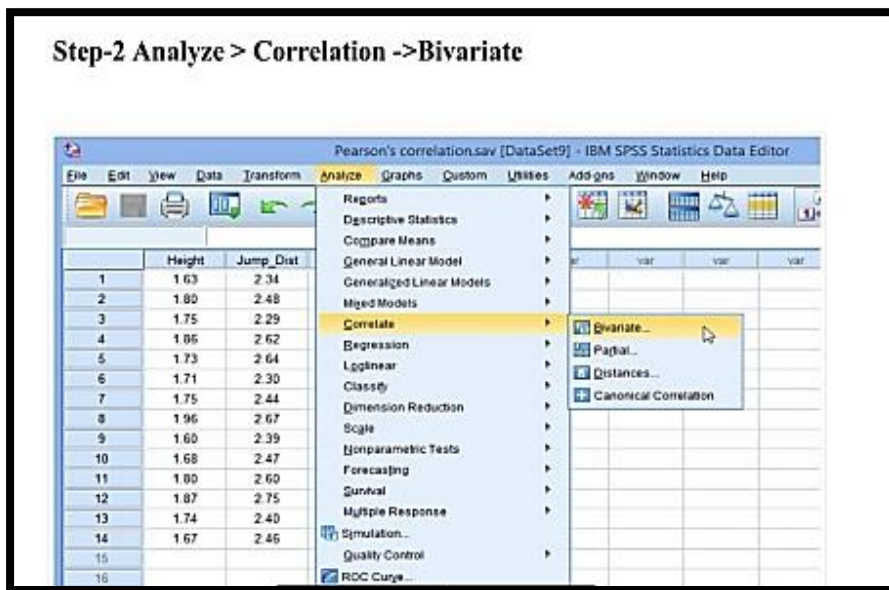
Data Analysis Tools

SPSS Software

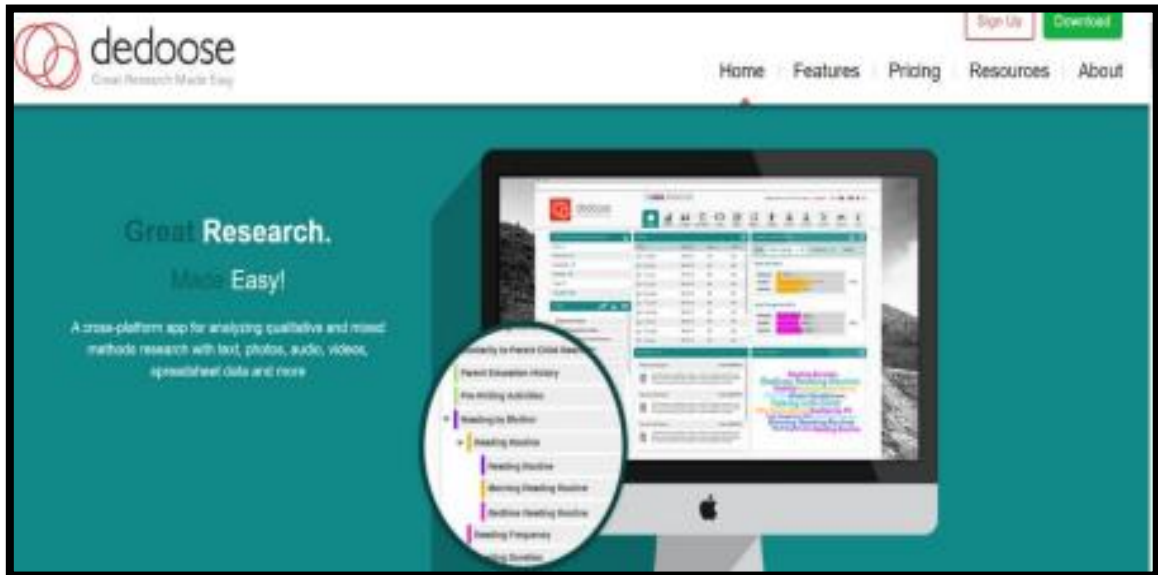


N- VIVO (Qualitative data analysis tool)

Step-2 Analyze > Correlation -> Bivariate

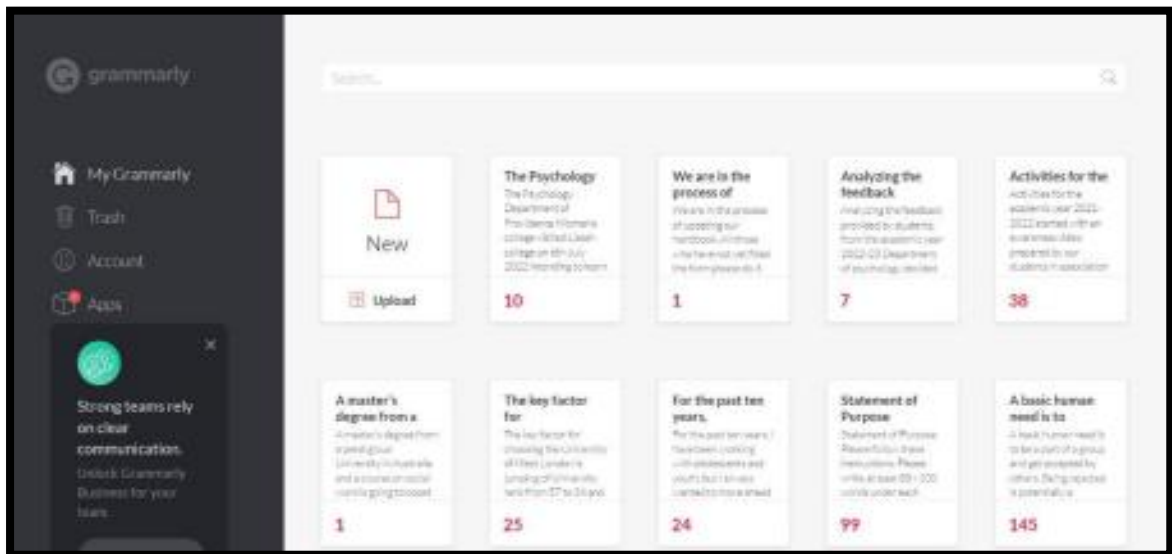


Dedoose



Other Tools and Apps

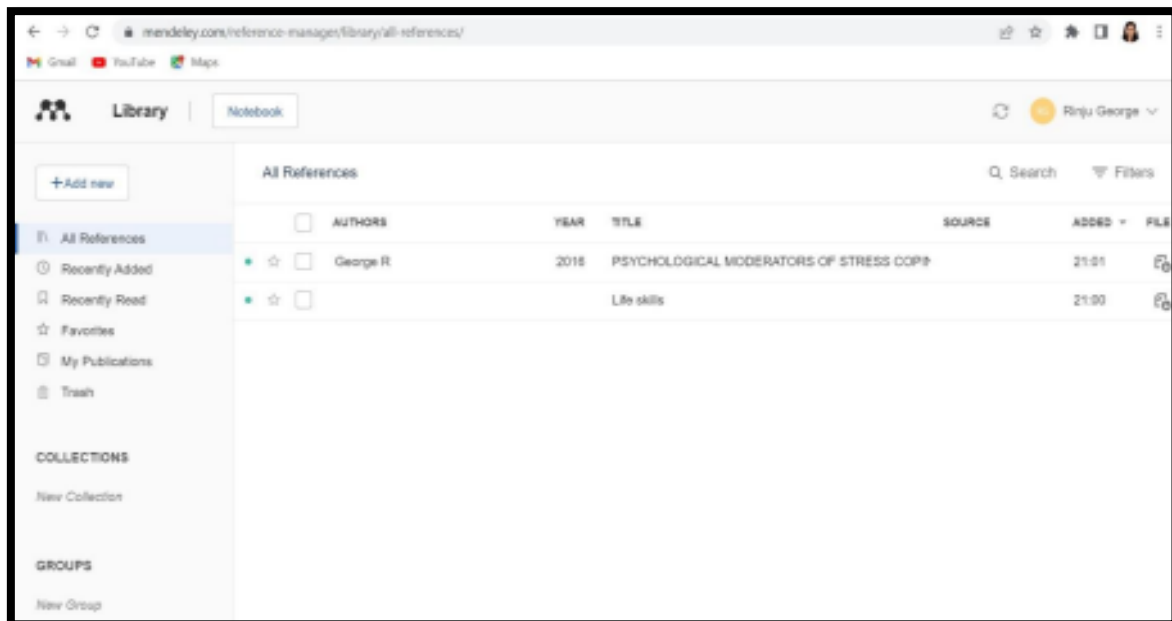
Grammarly



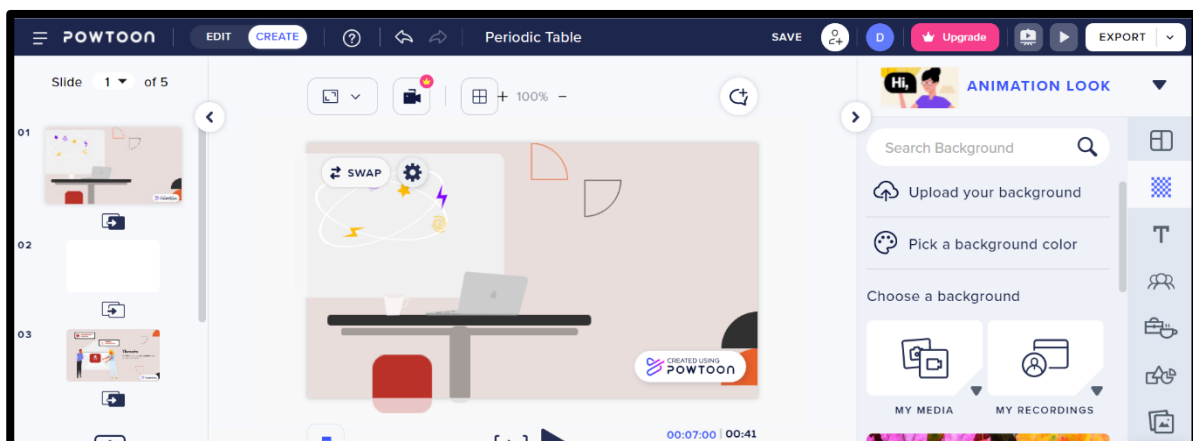
Mendeley (Referencing software)

Mendeley

- Steps-1 Log in to Mendeley.com-Sign in
- Step-2 Download Mendeley desktop and install on computer
- Step-3 Open mendeley Go to tools-Install Microsoft word plugin
- Step-5 In view option-select citation style(APA/MLA/IEEE)
- Step-6 Open word- Select references- change styles to MLA/APA/IEEE
- Step-7 Open Mendeley-click Import Data to Mendeley



Powtoon



<https://www.youtube.com/watch?v=VJtELZOqF1s>