



FATIMA COLLEGE

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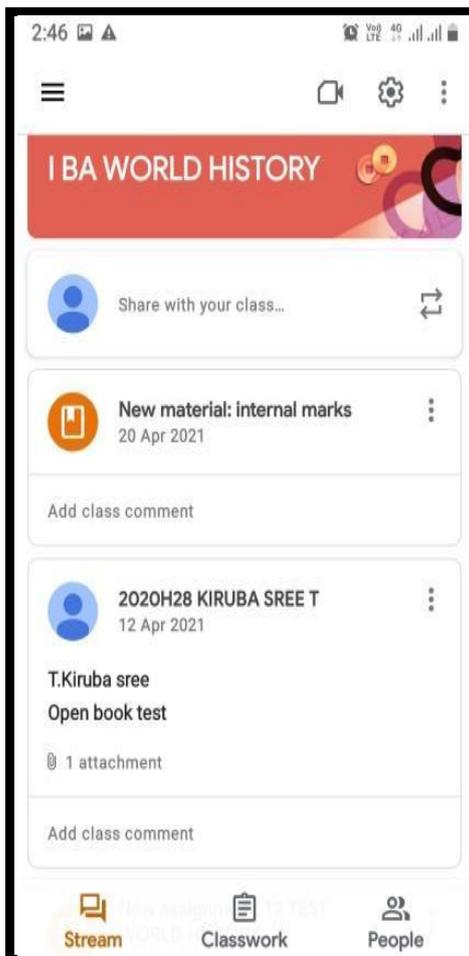
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ICT ENABLED TOOLS

DEPARTMENT OF HISTORY

ICT USAGE – Supportive Documents for (Audio Visuals material, Power Point, Google Classroom and Online Test Applications)

Google Class Room



Dr.J.Saral Evangelin



Ms.S.Rajalakshmi



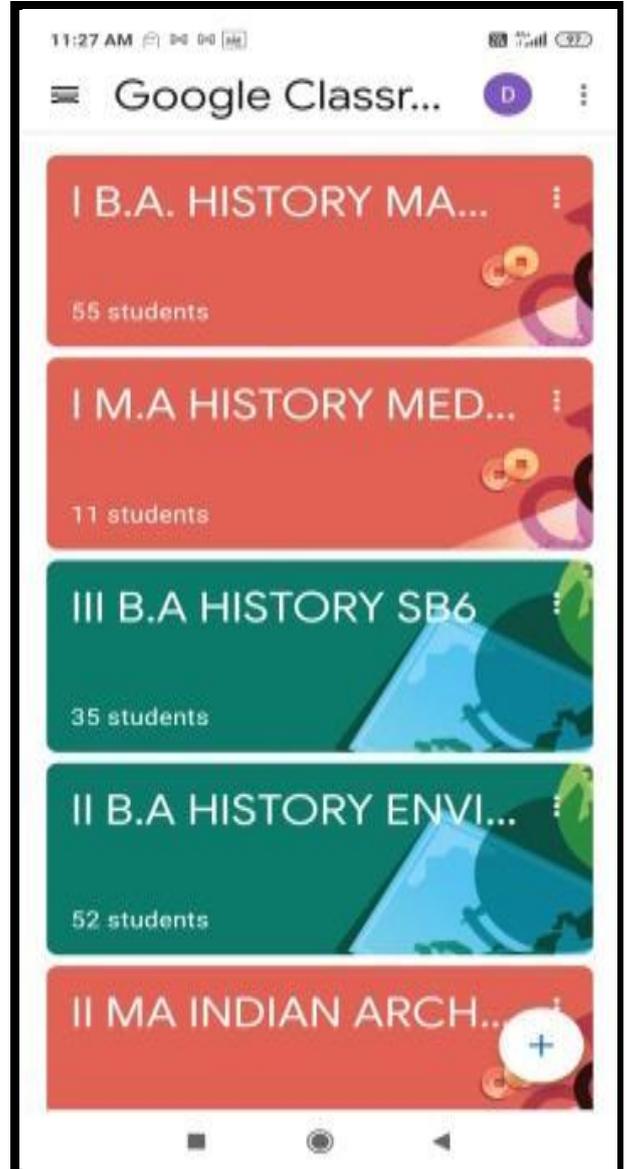
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Dr. W. Shyamala



Dr. M. Vijaya Shanthi



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E-Content Videos

- Women's Studies is an interdisciplinary study of women and society from the standpoint of women's lived experiences.
- It provides a counterpoint to the historically established theories in the various branches of human knowledge and challenges the predominantly male centric understanding of social institutions and processes.
- In its essence, Women's Studies is both a perspective and a discipline: it challenges the notions of objectivity of knowledge.
- A body of literature that embodies the concern for women's equality and development and seeks to find explanations and remedies for the unequal position of women in the society; a set of research and analysis which enquires into the origin and basis of these discriminatory practices against women, which has come to be concisely defined as Women's Studies.

RECORDED WITH
SCREENCAST
O MATIC



Dr.J.Saral Evangelin



Dr.M.Vijaya Shanthi



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INDIAN HISTORY
ADVENT OF EUROPEANS

Advent of Europeans

Lecturer
Dr. B. Poornimasethu
Assistant professor in History
Fatima College

RECORDED WITH SCREENCAST-O-MATIC

Dr. B. Poornima Sethupathi

AIM

- To lit the political interest of non- brahmins
- Uplift the depressed & downrodden

GOAL:

- Freedom ,
- Equal opportunity
- Equal status

MOTTO:

- Equalisation in education
- Revivalism
- Reduce the high handness of brahmins

Mrs. S. Arunjunai Devi



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THE RESEARCH DEPARTMENT OF ECONOMICS

E-Content Videos

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MADURAI - 18

I M.A. – ECONOMICS

19PG1E1 - MICRO ECONOMIC ANALYSIS
Dr. M. REGINA MARY

TOPIC: Partial and General Equilibrium

Dr.M.Regina Mary, Associate Professor in Economics, Fatima College.

Dr. M. Regina Mary

CRITICAL MINIMUM EFFORT THESIS
LEIBENSTEIN

Dr. S. Ivy Jeno



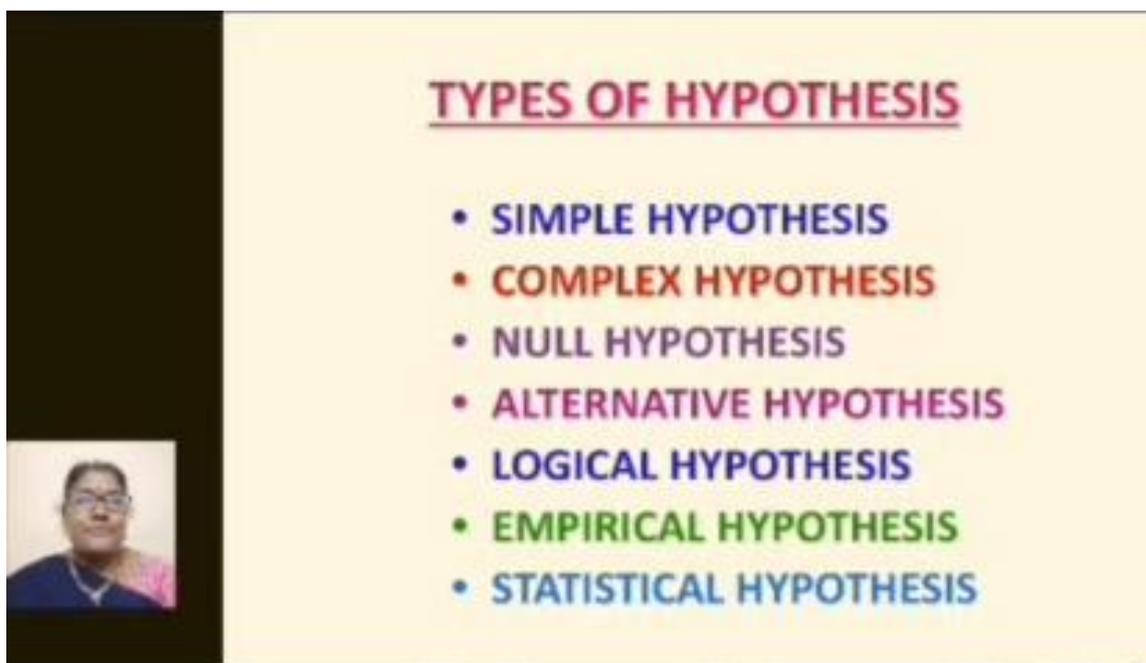
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Ms. A. Gracy Rani



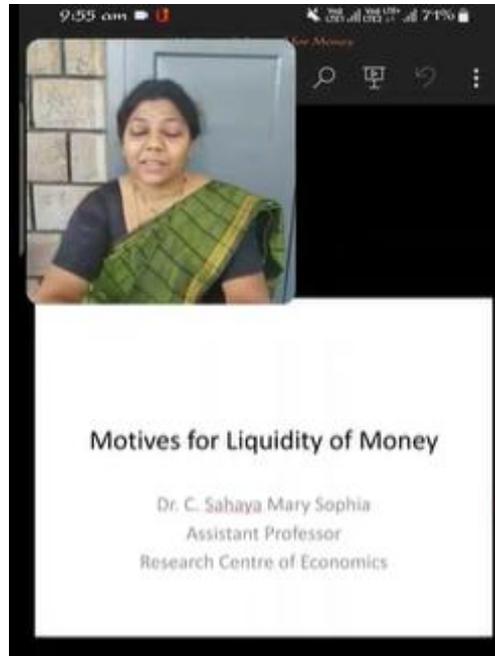
Dr. P. Anita



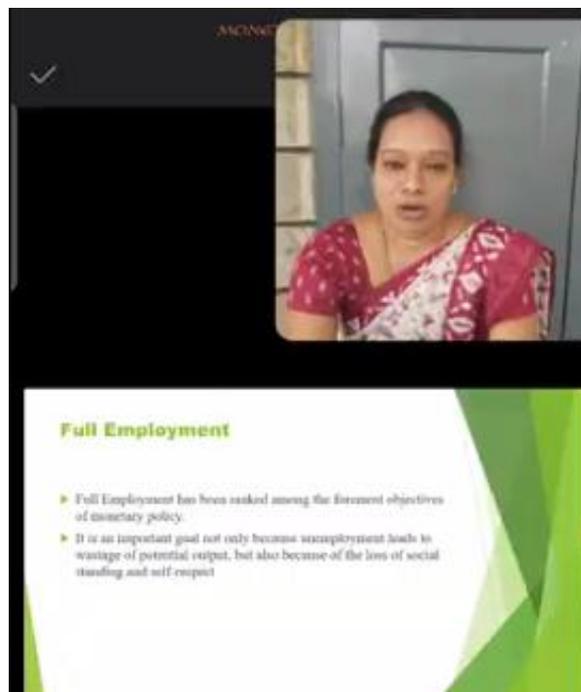
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Dr. C. Sahaya Mary Sophia



Dr. K. Selvalakshmi



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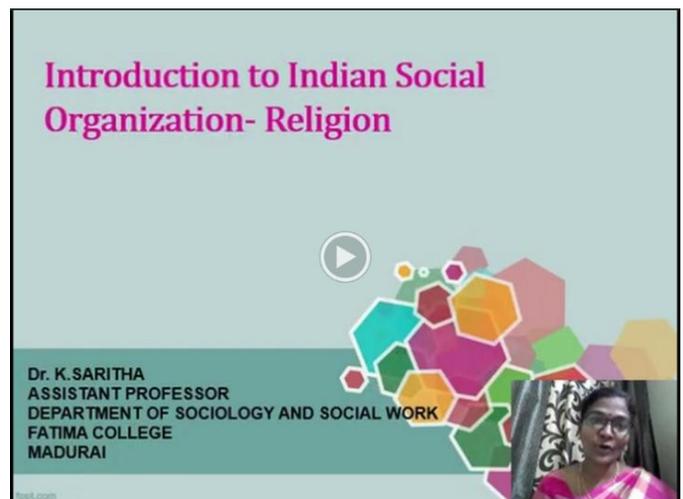
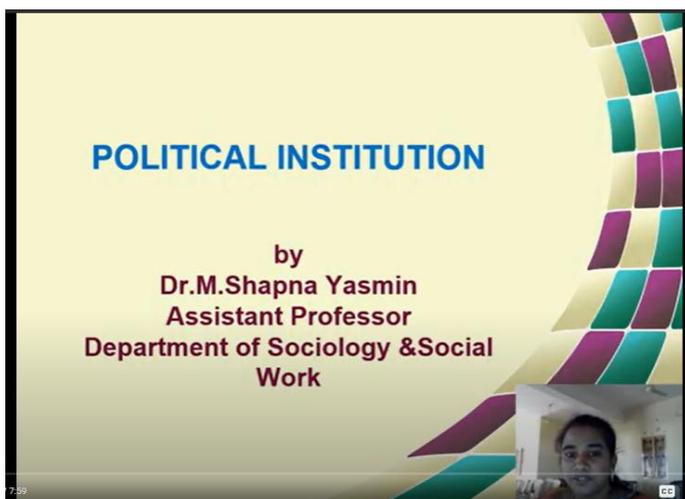
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DEPARTMENT OF SOCIOLOGY AND SOCIAL WORK

Teachers handling ICT Tools in the smart classroom



E-Content Videos developed





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THE RESEARCH CENTRE OF ENGLISH

Photos/Screenshots of ICT Usage by Faculty and Students



Quiz for Part II English Students using PPT



PPT seminar presentation by students



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III UG Project Viva held at Smart Room- External Evaluation by Dr. Elangovan, Associate Professor, Thiagarajar College, Madurai.



Students watching a video text at Language Lab II

Both Colonialism and Imperialism mean economic and political domination of the other. As a result, both are hard to differentiate at times.

Yet they are two words with totally different meanings. Colonialism is where one country physically exerts complete control over another country and Imperialism is formal or informal economic and political domination of one country over the other.

In a nutshell, colonialism can be thought of as the practice of domination and imperialism as an idea behind the practice.

DIFFERENCES

Screenshot of e-content submitted by M.A. English students



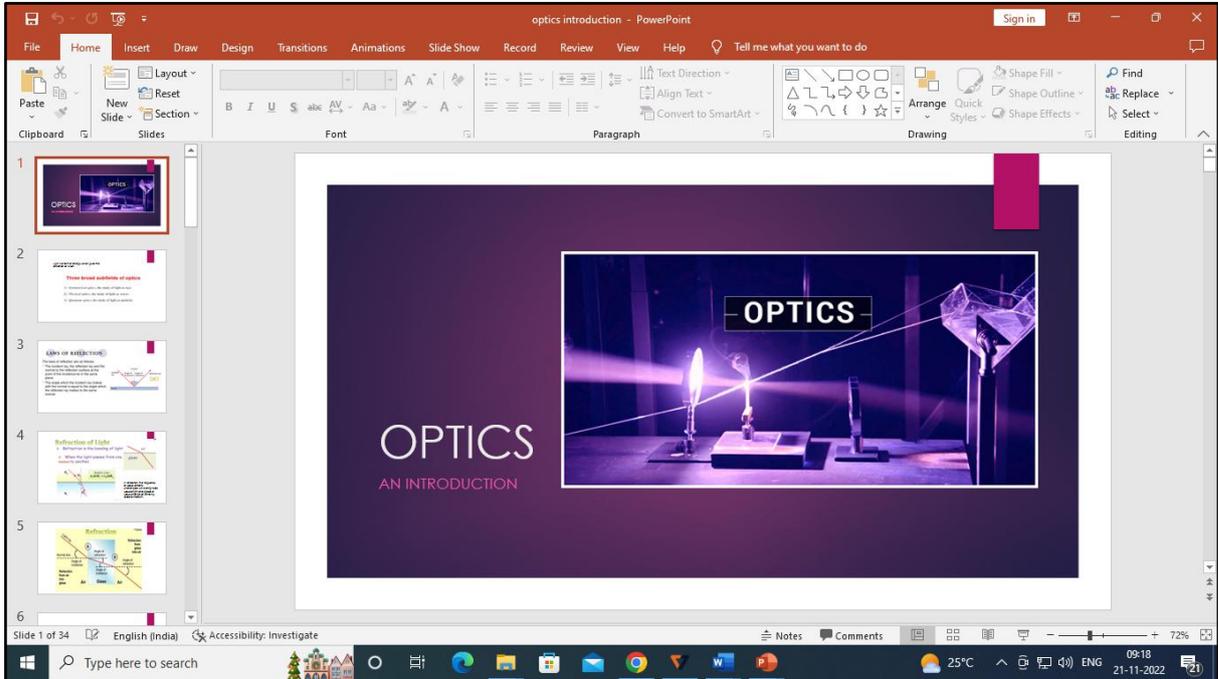
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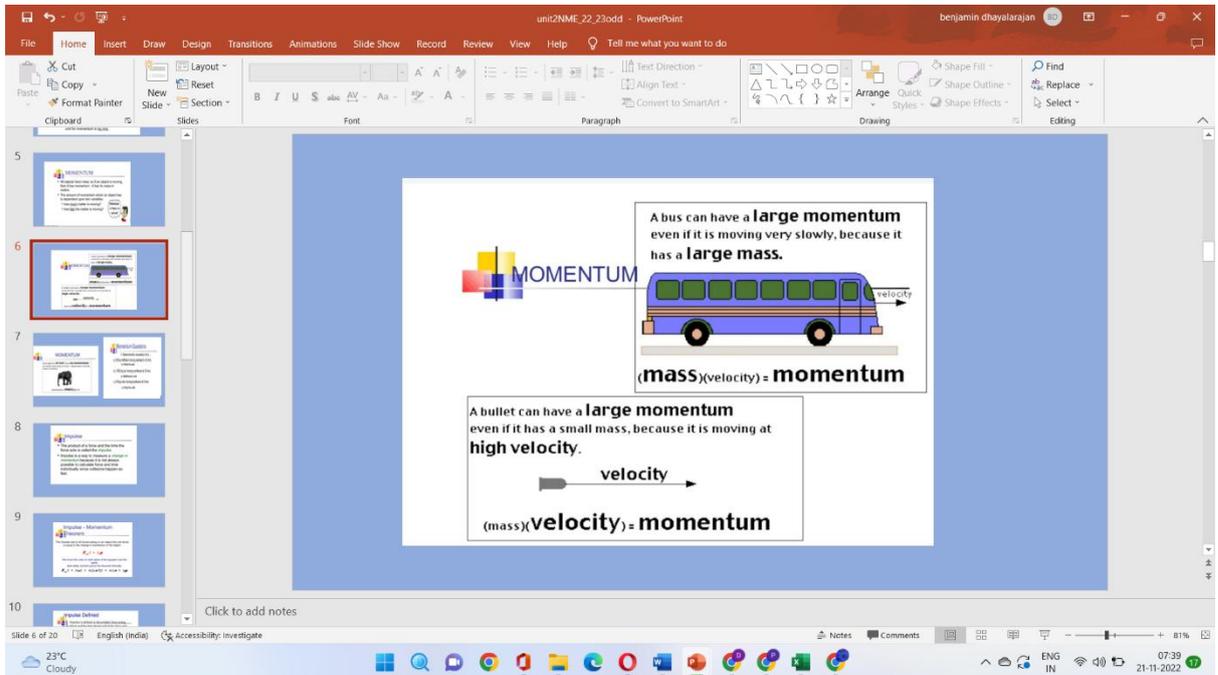
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DEPARTMENT OF PHYSICS

Screenshots of ICT Usage by Faculty



Dr. M.V. Leena Chandra



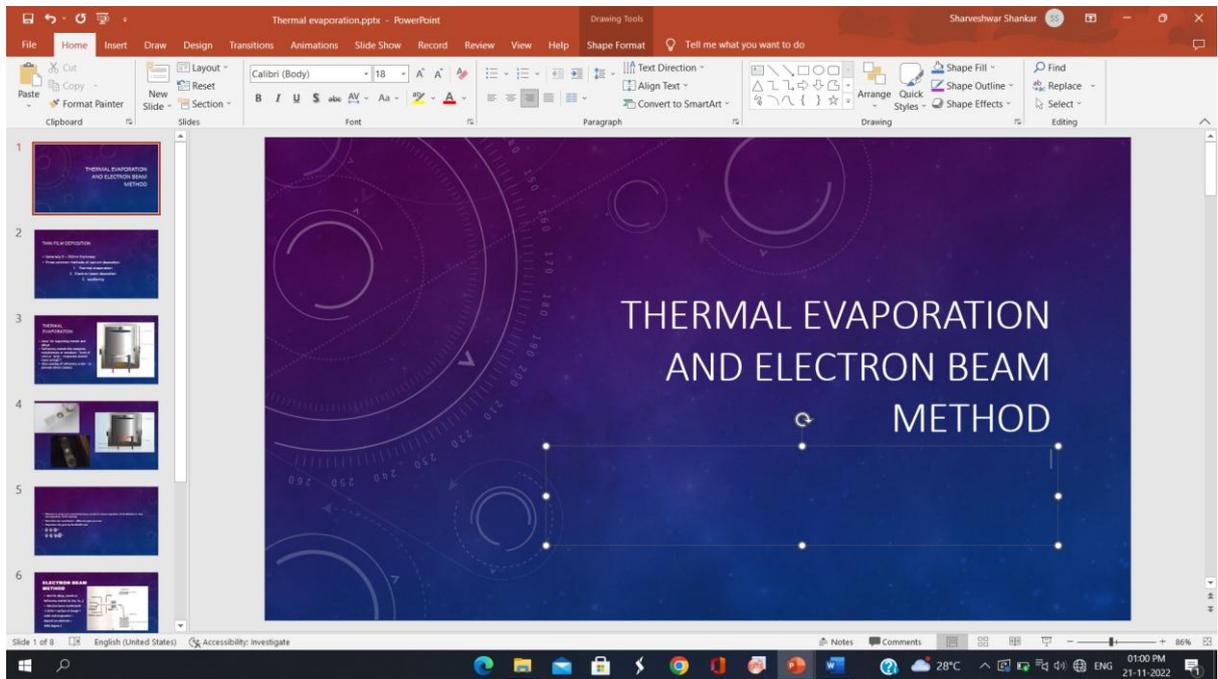
Dr. Ancemma Joseph



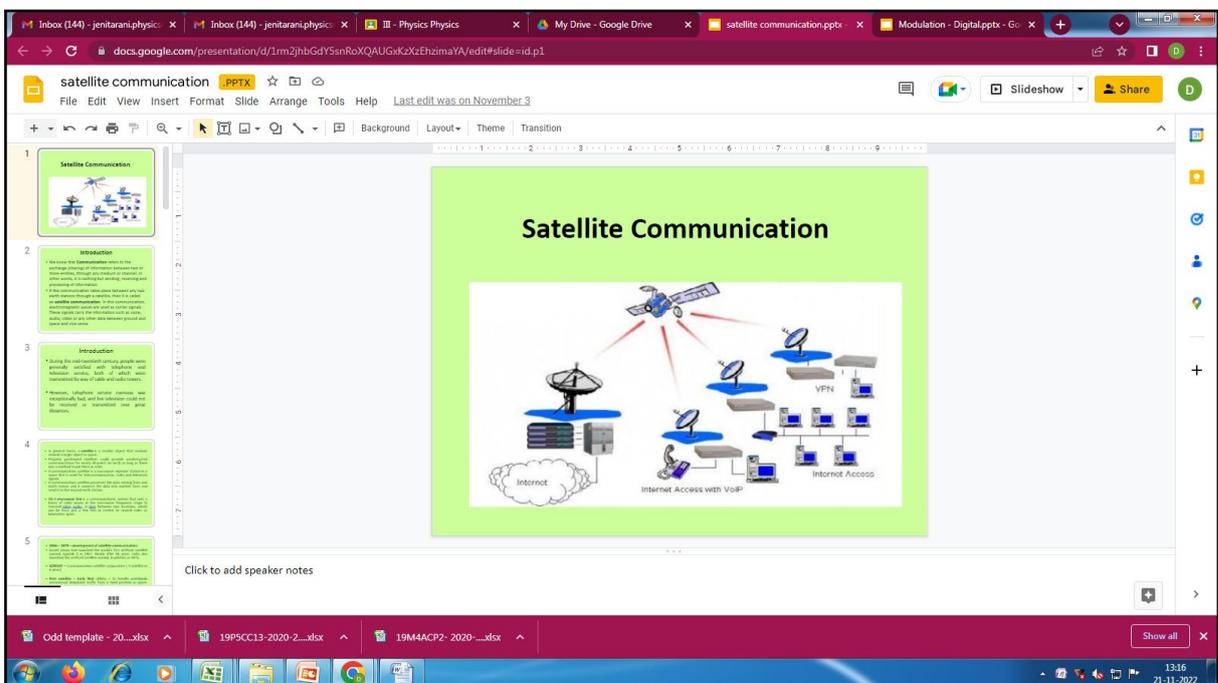
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Dr. I. Jeya Sheela



Dr. Sr. G. Jenita Rani



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GOOGLE CLASSROOMS FOR LEARNING

The screenshot shows a Google Classroom interface for the class 'I M.Sc phy21-22'. The header is green and features a 'Customize' button. Below the header, the class code 'z3sf7mg' is displayed. A section titled 'Upcoming' shows 'No work due soon'. A list of students is shown, including A. MARIA JASMINE SHINY (May 11), F. MARIA SHINOLA (2021MSCP13), and M. MONISHA (2021MSCP14). A PDF titled 'jk master slave and seque...' is also visible.

Mrs. Alphonsa Fernando-Applied Electronics

The screenshot shows a Google Classroom interface for the class 'SB-Biomechanics 22-23 odd'. The header is dark blue and features a 'Customize' button. Below the header, the class code '4ptckcx' is displayed. A section titled 'Upcoming' shows 'No work due soon'. A list of students is shown, including 2021P49 SHALINI (Oct 9). A PowerPoint titled 'Presentation.pptx' is also visible.

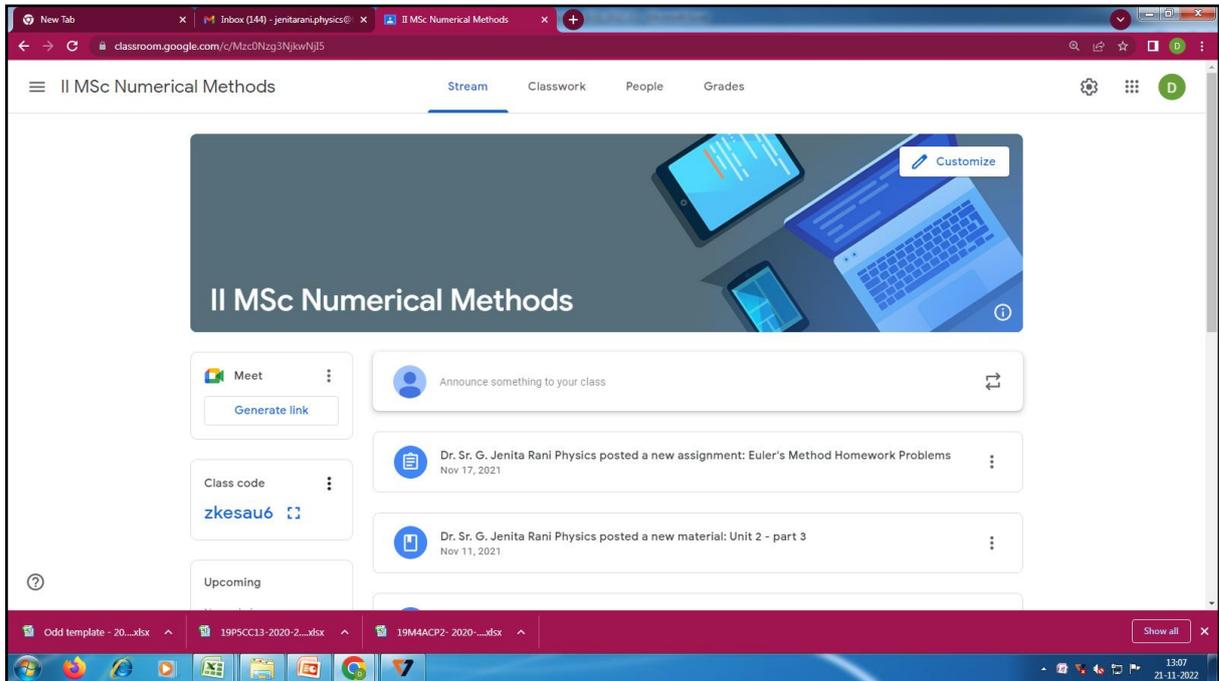
Dr. R. Jothi Mani



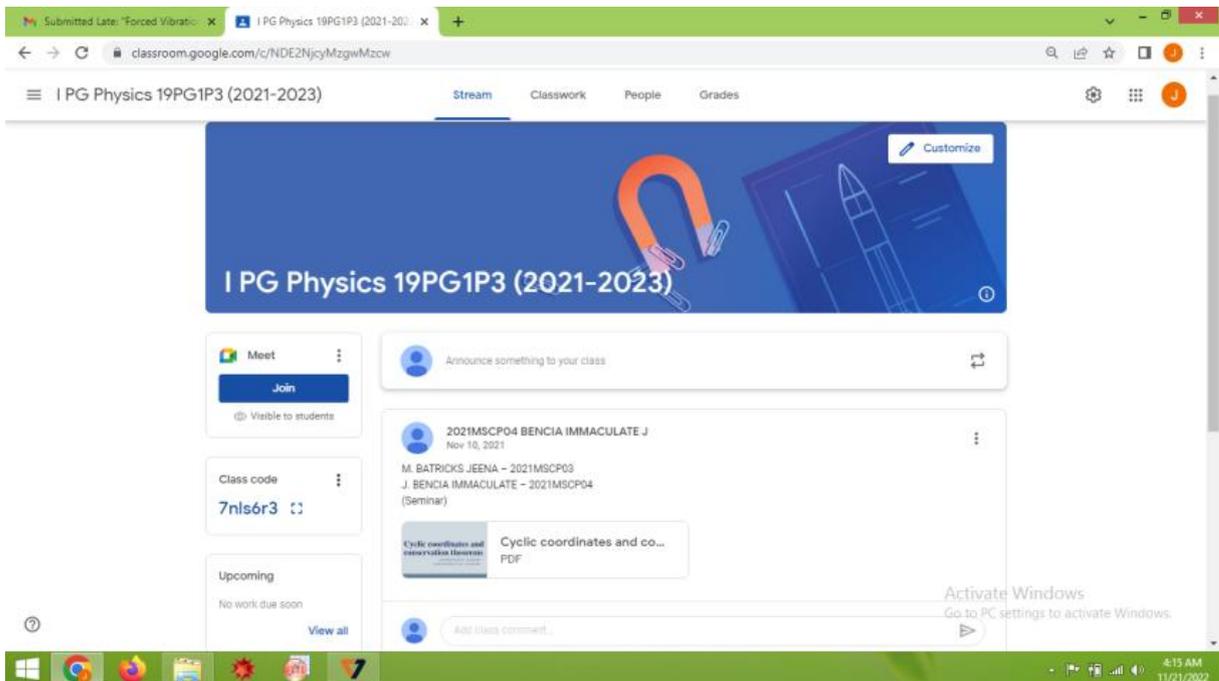
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Dr. Sr. G. Jenita Rani



Ms. Janet Shirly



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DEPARTMENT OF CHEMISTRY

ICT enabled classrooms



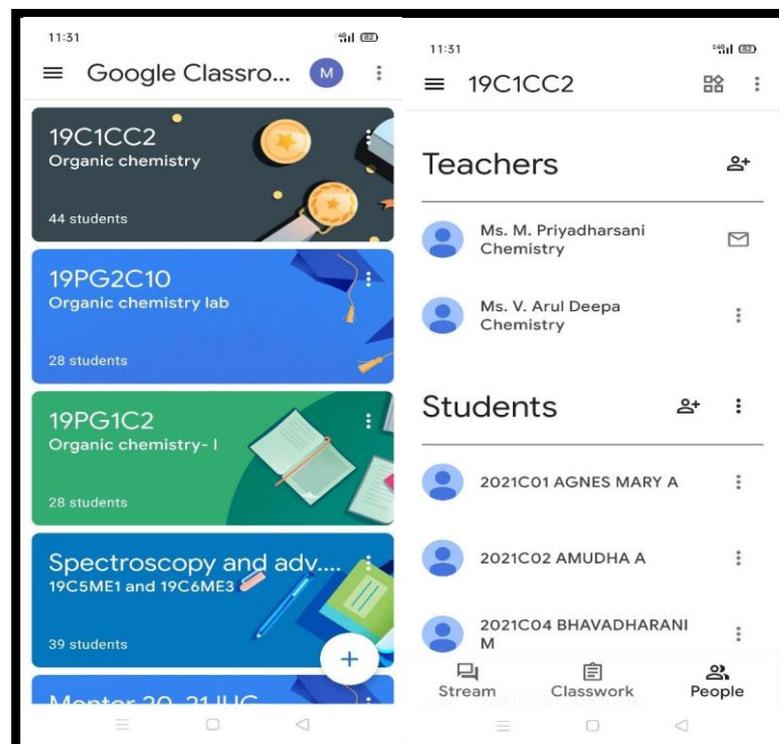
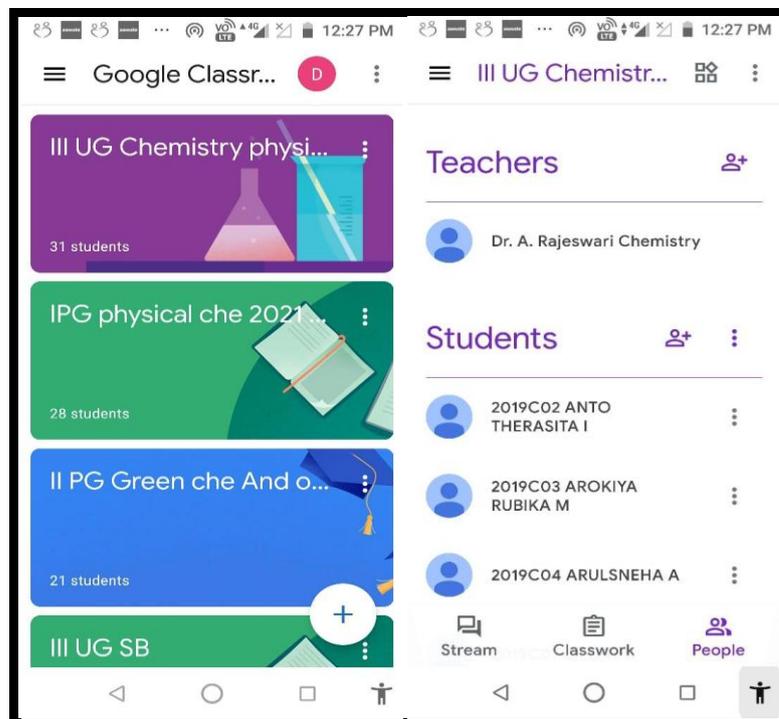


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Screen shots of Google Classrooms





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E-Contents developed

PRESENTATION
ON
Basic Differences between
compounds
by
Dr. B.SUGANTHANA
ASSISTANT PROFESSOR
DEPARTMENT OF CHEMISTRY
FATIMA COLLEGE
MADURAI

Dr. B. Suganya

CONFORMATIONS

Diagram illustrating the Newman projections and ball-and-stick models of ethane, showing axial and equatorial positions.

Dr. M. Priyadharshini

INDUCTIVE EFFECT

The inductive effect (I Effect) refers to the polarity produced in a molecule as a result of higher electronegativity of one atom compared to another.

Simply we can say,

Inductive effect is defined as permanent displacement of shared electron pair in carbon chain towards more electronegative atom or group.

Dr. V. Arul Deepa



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DEPARTMENT OF ZOOLOGY

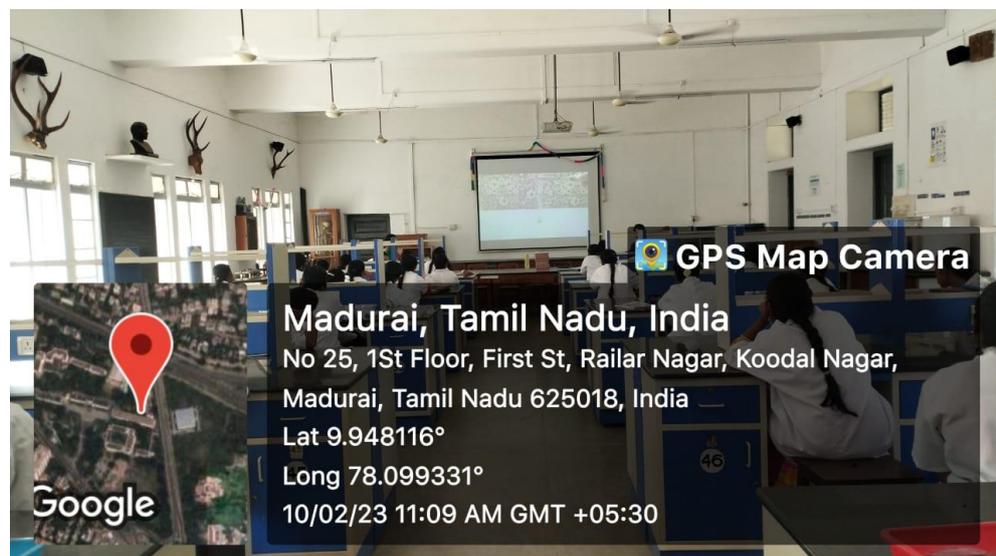
ICT Enabled Teaching

The department of Zoology has adopted ICT enabled teaching-learning approach. ICT-enabled teaching in the institute helps to enhance the learning experience of the students and encourages their active involvement in the learning process.

- The department has a spacious lab with **LCD projectors, high-speed internet connection, and an audio system.** Teachers use these modern pedagogy tools to deliver the course effectively.



Dr. Antony Amala Jayaseeli delivers a lecture during the practical classes for I B.Sc students of the Zoology department.



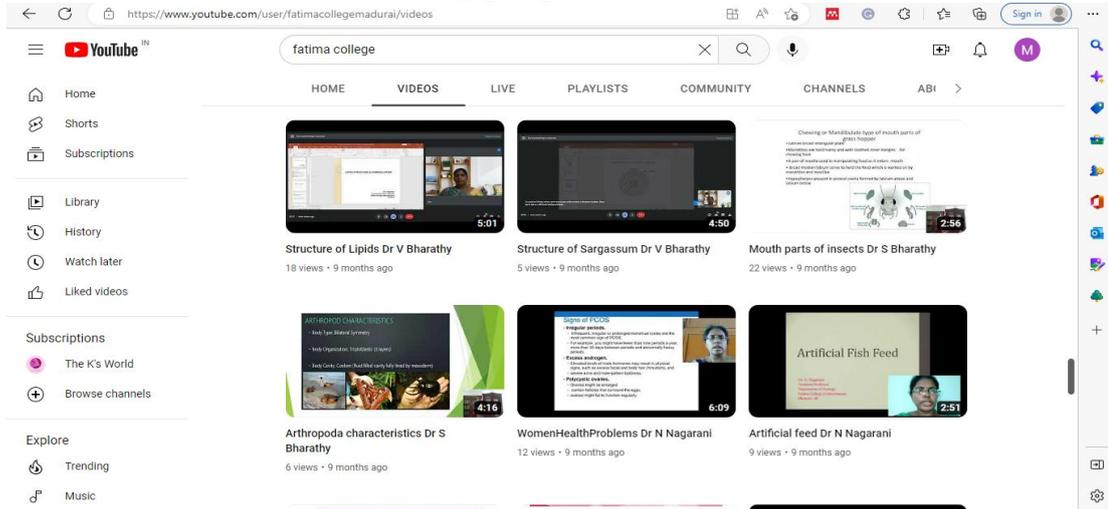


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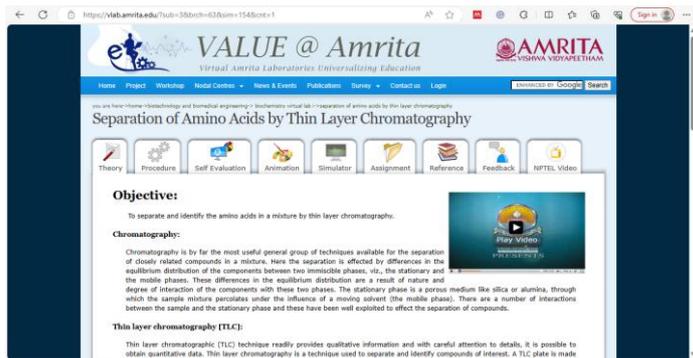
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- The students are encouraged by their class teachers and mentors to enrol in various online courses conducted by **Swayam, or NPTEL**.
- The lecture videos prepared by the staff members are uploaded to the YouTube channel for learning purposes.



Screenshot of the video uploaded in YouTube

For conducting the experiments online, demonstration videos on YouTube channel and virtual labs from various Universities and open educational resources are used.



Screenshot of virtual lab used to teach practical classes



Screenshot of Digital frog software used to teach dissection

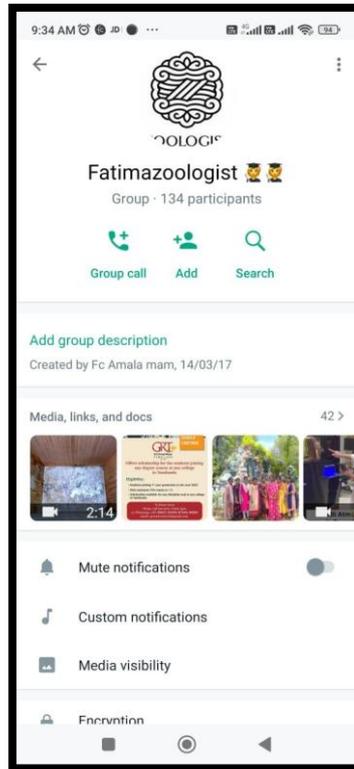


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- The department uses **social media platforms like Facebook, WhatsApp and Blog** effectively for the dissemination of information



Screenshot of WhatsApp group created to share information with the students and alumnae of the Zoology department



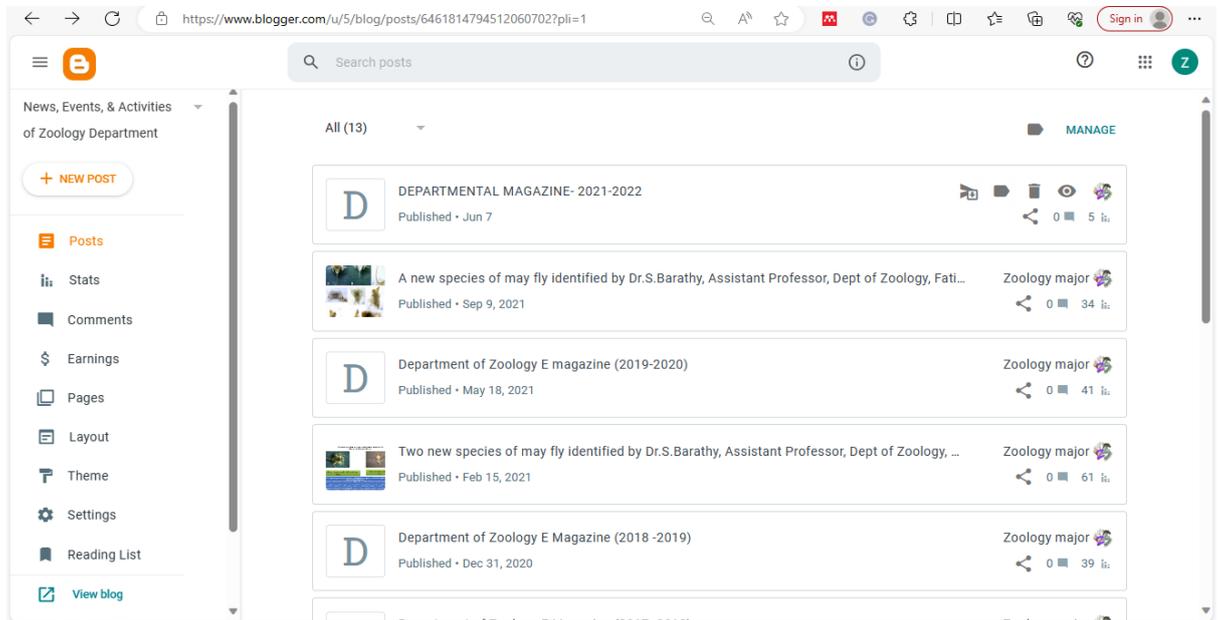
Screenshot of the homepage of Facebook created by the department of Zoology



FATIMA COLLEGE

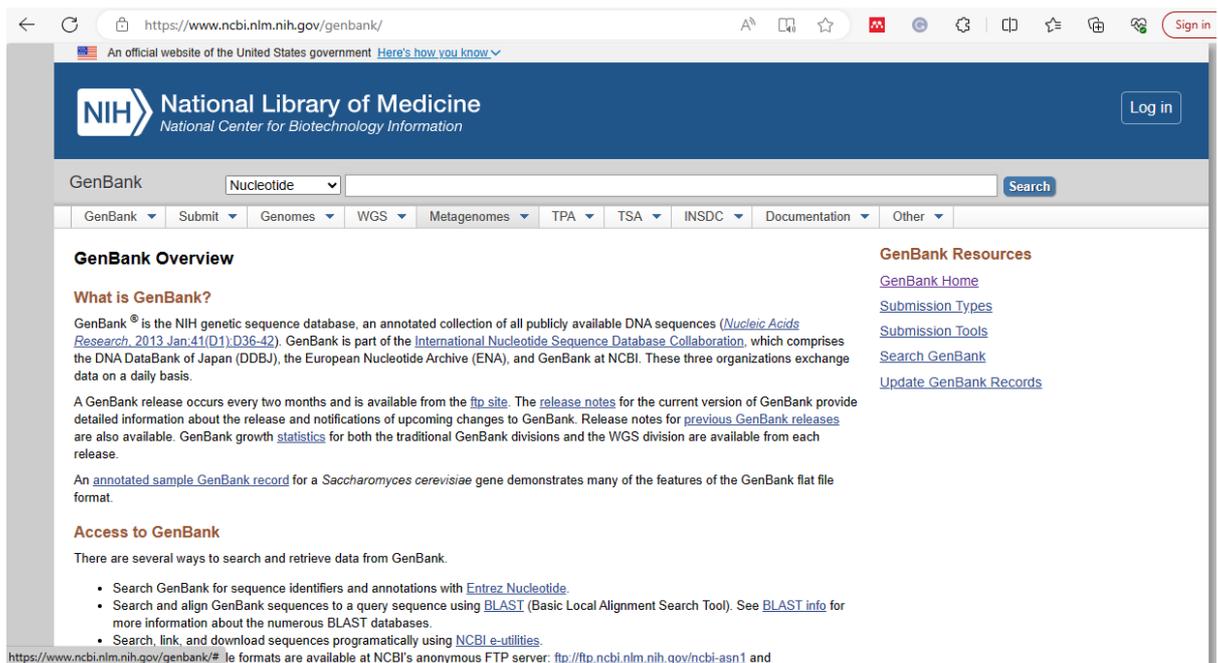
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Screenshot of the homepage of Blog created by the department of Zoology

- Online Softwares & databases are used to teach Bioinformatics for III UG students



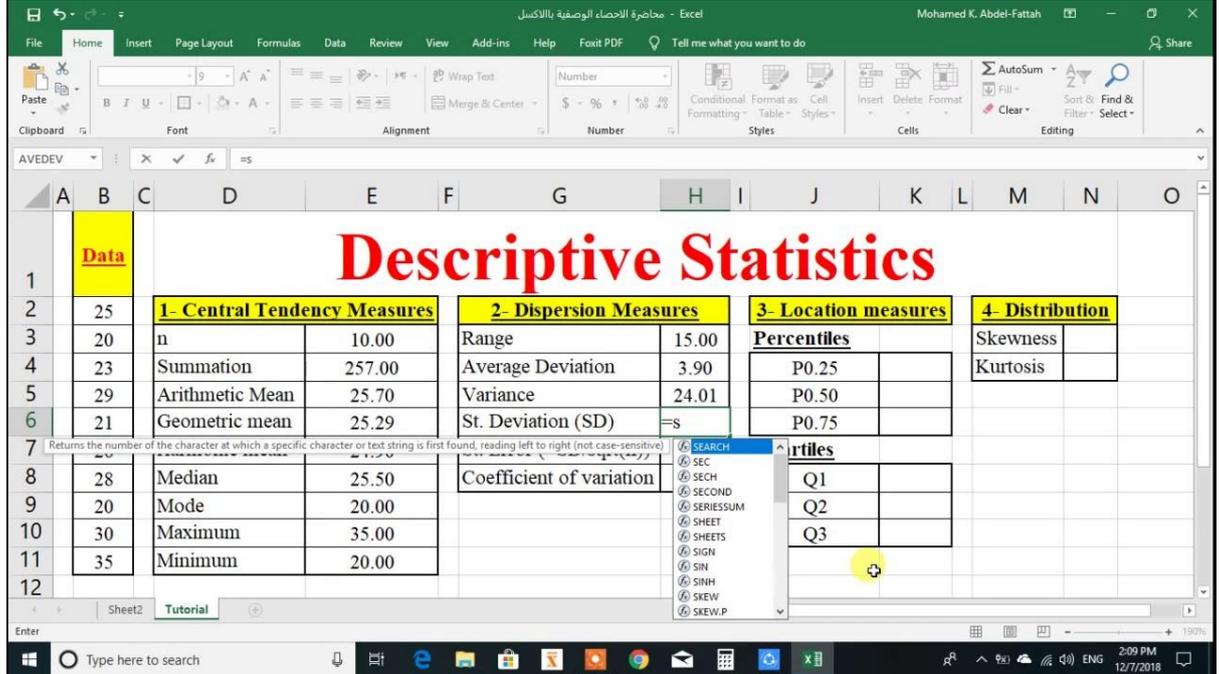


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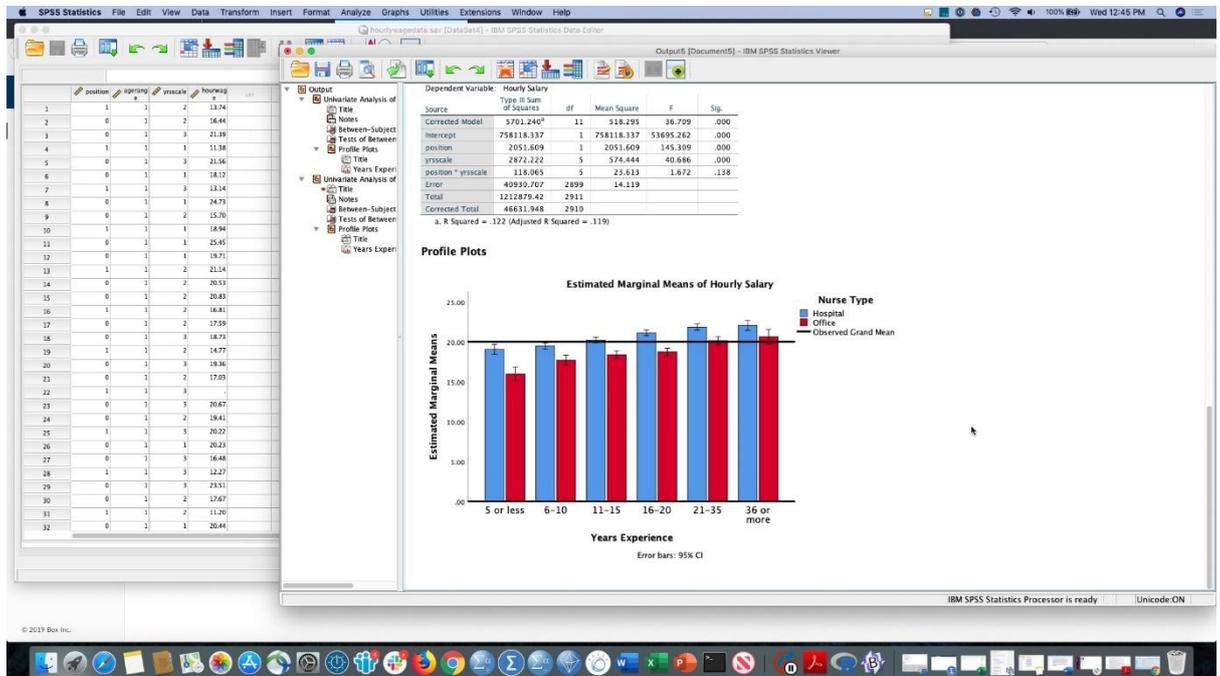
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- Teaching Biostatistics using MS-Excel



- Teaching SPSS using the software package



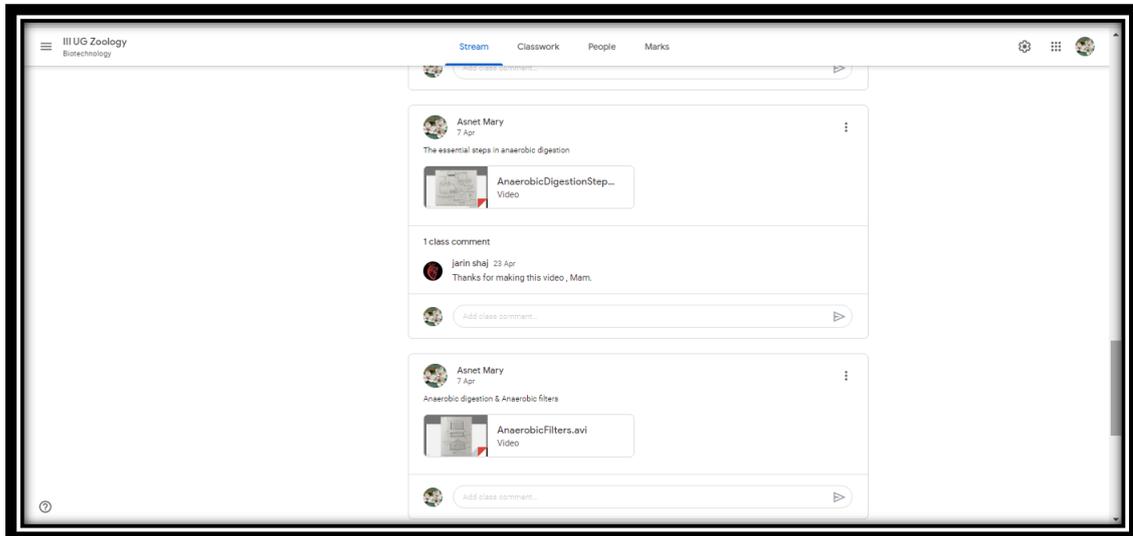


FATIMA COLLEGE

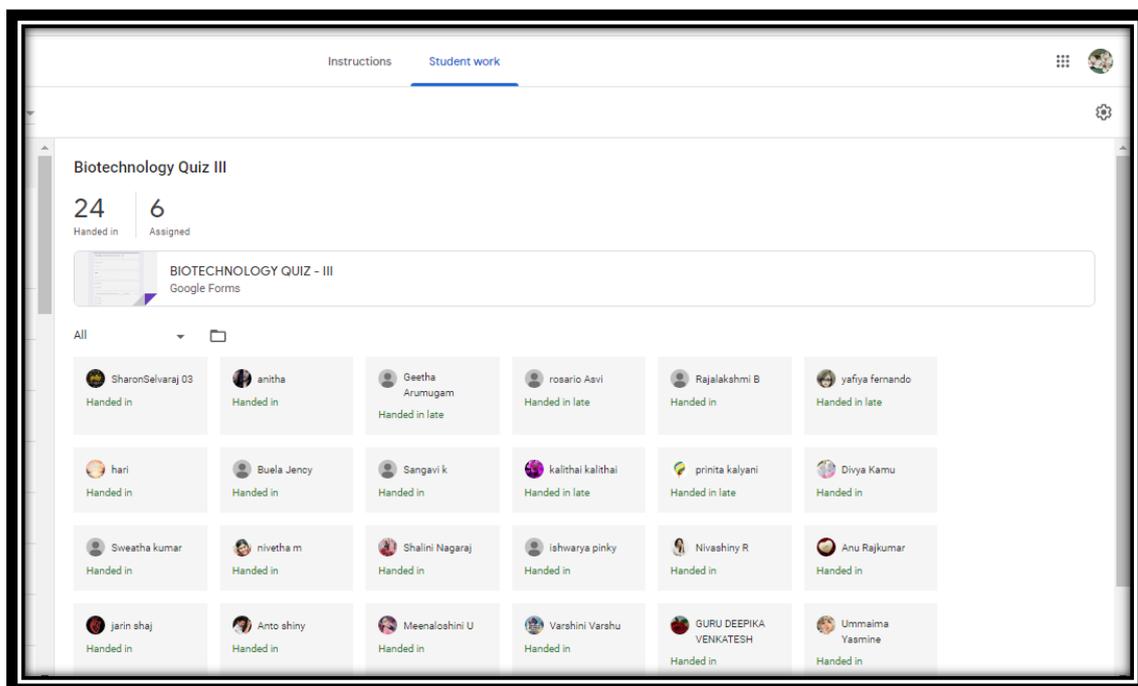
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- For academic planning, distribution of course material and conducting quiz tests **Google classroom** is used as a learning management system.



Sharing of lecture videos in Google classroom



Conduction of online test in Google classroom

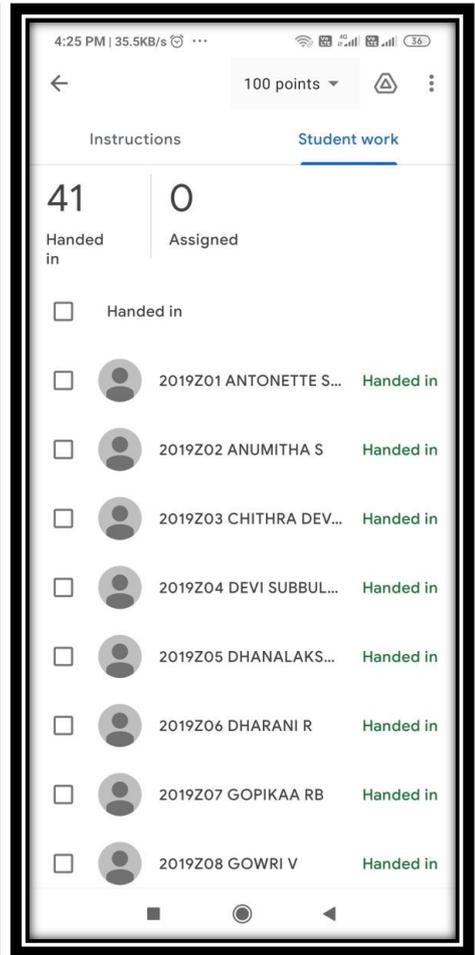
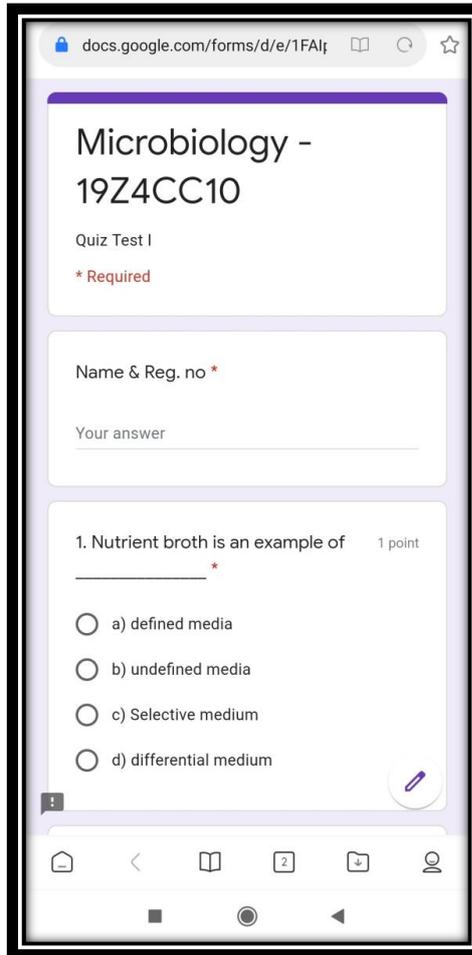
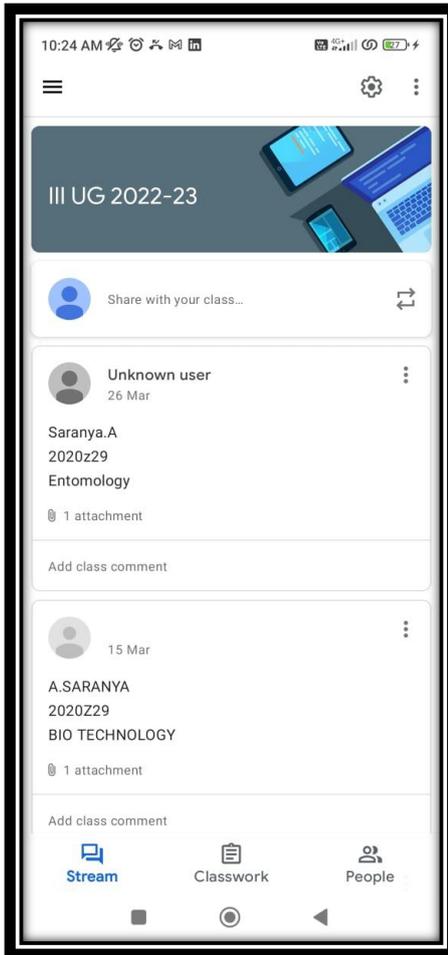


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Snapshot of Google forms and Google classrooms for conducting quiz and assignment submission





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E-content Videos Developed

Biochemistry Amino acids

Amino Acids

- Amino acids are building blocks of proteins
- They have a central α -carbon and α -amino and α -carboxyl groups
- 20 different amino acids
- Same core structure, but different side group (R)

NC(C(=O)O)R

0:17 / 6:50

Dr.Mrs. A.Tamilselvi

Migration of Birds

- The periodic migration of birds from place to another & back, for breeding is called bird migration
- It is a 2-way migration, involving emigration & immigration
- emigration is outward migration from the feeding ground to breeding ground
- immigration is inward migration or return migration from the breeding ground to feeding ground

0:24 / 6:40

Dr. Mrs. Antony Amala Jayaseeli

Excretory system

- Excretion – the separation and elimination of nitrogenous wastes from the body.
- The wastes eliminated are called excretory products.
- The organs concerned with excretion are called excretory organs.
- The excretory system is a **passive biological system** that removes excess, unnecessary materials from the body fluids of an organism, so as to help maintain internal chemical homeostasis and prevent damage to the body.

Dr.Sr.Biji Cyriac



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THE RESEARCH CENTRE OF HOME SCIENCE

ICT Enabled Teaching



Dr. S Santhi



DR. K Kathiga



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DR. C. Helen



Dr. C. Priyalatha



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Mrs. D. Mouna



Mrs. J. Josephine Jecintha



Dr. M. Angel



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DEPARTMENT OF COMPUTER SCIENCE

E-Content Videos

Data Mining Techniques

- Anomaly Detection
- Association Learning
- Clustering Analysis
- Classification Analysis
- Regression Analysis
- Choice Modeling
- Rule Induction
- Neural Networks

Dr. T. Vasantha
Assistant Professor
Department of Computer Science
Fatima College.

Dr. T. Vasantha

PROGRAMMING WITH C

POINTERS

COURSE TEACHER : Dr. A. Vimala

Dr. A. Vimala



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Intensity Transformations

Digital Image Processing

Dr.P.Meenakshi Sundari

Asst. Professor,

Department of Computer Science,

Fatima College, Madurai

Ref: Digital Image Processing, Gonzales and Woods

Dr. P. Meenakshi



Sr.B.Margaretmary

Assistant professor

Department of Computer Science

Fatima college

Madurai-18

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SCREENCAST  MATIC

Sr.B.Margaret Mary



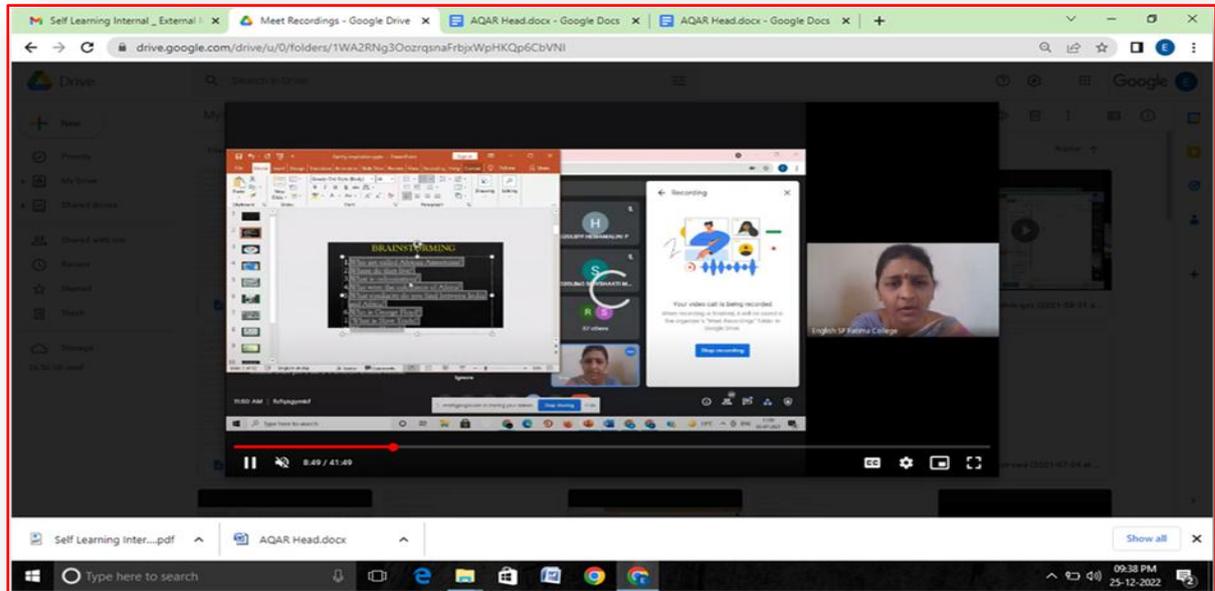
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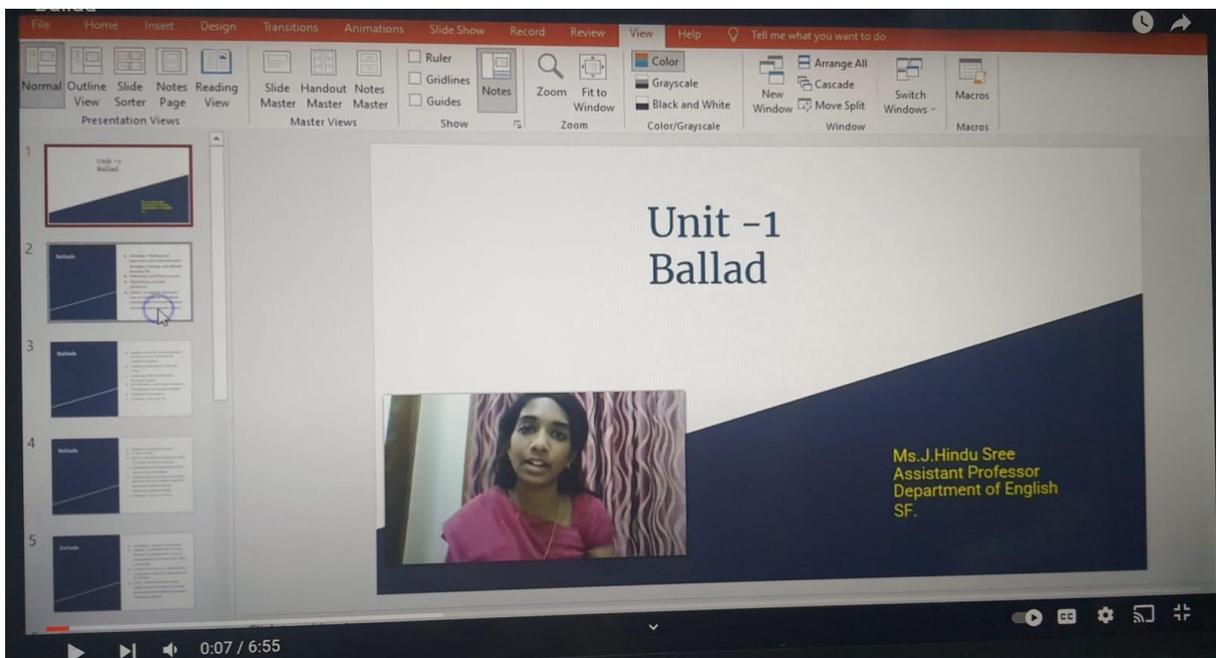
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DEPARTMENT OF ENGLISH (SF)

SCREENSHOTS FOR GOOGLE CLASSROOM INTERACTIONS



Mrs. B. Sumedha



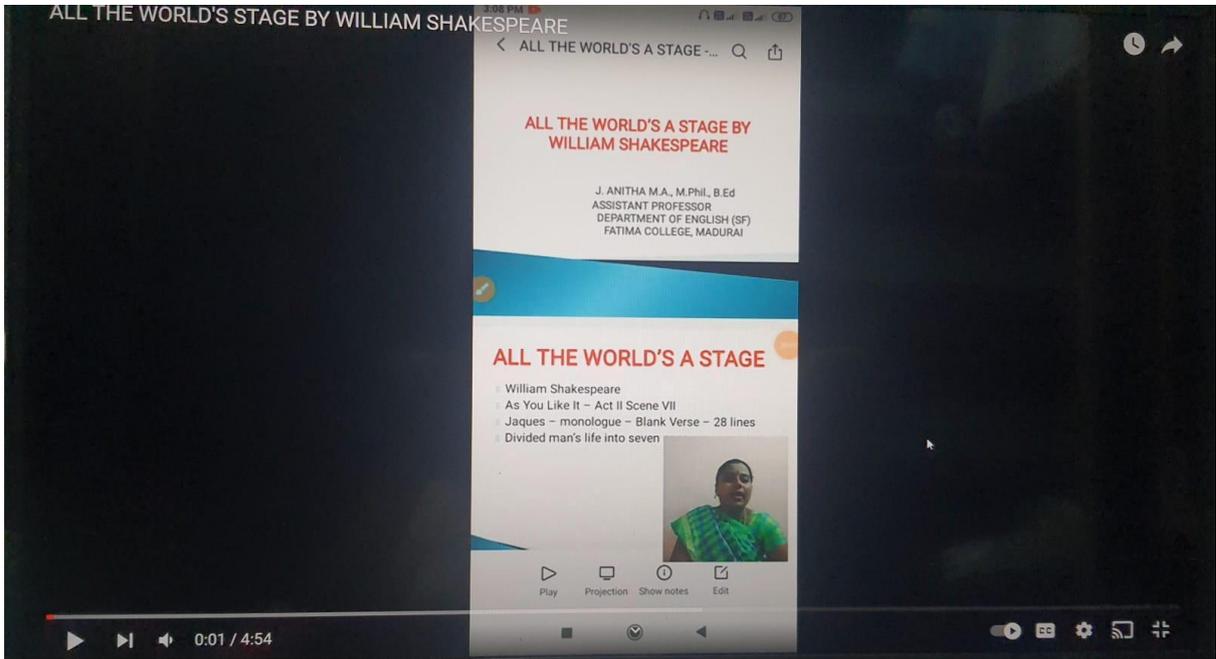
Ms. J. Hindu Sree



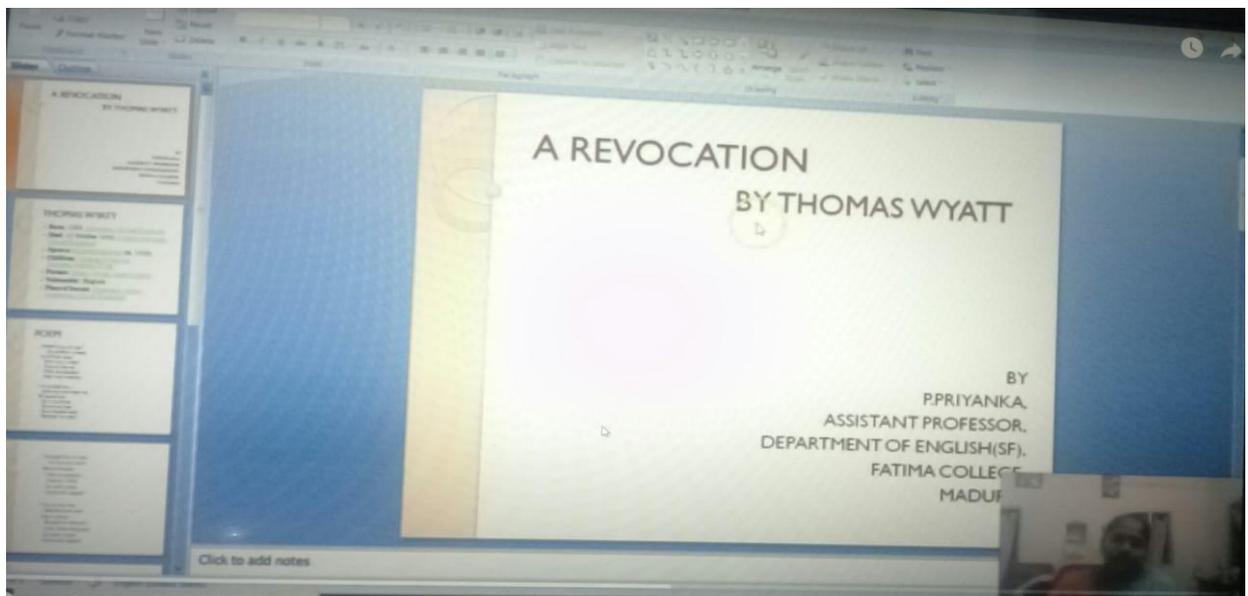
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Dr. K. Priyanka





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DEPARTMENT OF BUSINESS ADMINISTRATION

E-contents Developed

TAX LAWS- HRA .pptx - Google Slides.webm - VLC media player

HRA is given by the employer to meet the housing needs of employee. It is partially taxable.

Exemption Limit:

- 50% of salary if the house is located in metropolitan cities and 40% of salary for other places.
- House rent allowance actually received by the employee
- excess of rent paid over 10% of salary

The least of the above is exempted

00:30 03:32

10:52 16-11-2022

Dr. S.L.Kumari

Correlation Analysis

Correlation deals with the association between two or more variables

- It attempts to determine the 'degree of relationship' between the variables
- Correlation is an analysis of the co variation between two or more variables

Classification of correlation

Positive or Negative correlation (direction of change)

Simple and multiple correlation (no.of variables)

Linear or non linear correlation (rate of change between the variables)

RECORDED WITH SCREENCAST-O-MATIC

16

Dr. M. Meenachi



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A screenshot of a video lecture titled "Principles of Marketing". The slide is titled "Introduction" and lists five points about promotion. A small video inset shows a woman in a red sari. The video player interface includes a progress bar at 00:14 and a system tray at the bottom showing the date 16-11-2022 and time 10:51.

Principles of Marketing

Introduction

- ⊗ Promotion is a type of communication between the buyer and the seller.
- ⊗ The seller tries to persuade the buyer to purchase their goods or services through promotions
- ⊗ It helps in making the people aware of a product, service or a company.
- ⊗ It also helps to improve the public image of a company
- ⊗ This method of marketing may also create interest in buyers and can also generate loyal customers

RECORDED WITH SCREENCASTOMATIC 00:14 10:51 16-11-2022

Ms. A. Rosary Infanta

A screenshot of a video lecture titled "INDUSTRIAL RELATIONS - SEM-VI". The slide is titled "Meaning of trade unions" and contains a single bullet point defining a trade union. A small video inset shows a woman in a colorful sari. The video player interface includes a progress bar at 00:28 and a system tray at the bottom showing the date 16-11-2022 and time 10:50.

INDUSTRIAL RELATIONS - SEM-VI

00:30

Meaning of trade unions

- A trade union is an association of workers formed with the object of improving the conditions of workers. It is formed for protecting the interests of workers.

00:28 10:50 16-11-2022

Ms. R. Abinaya

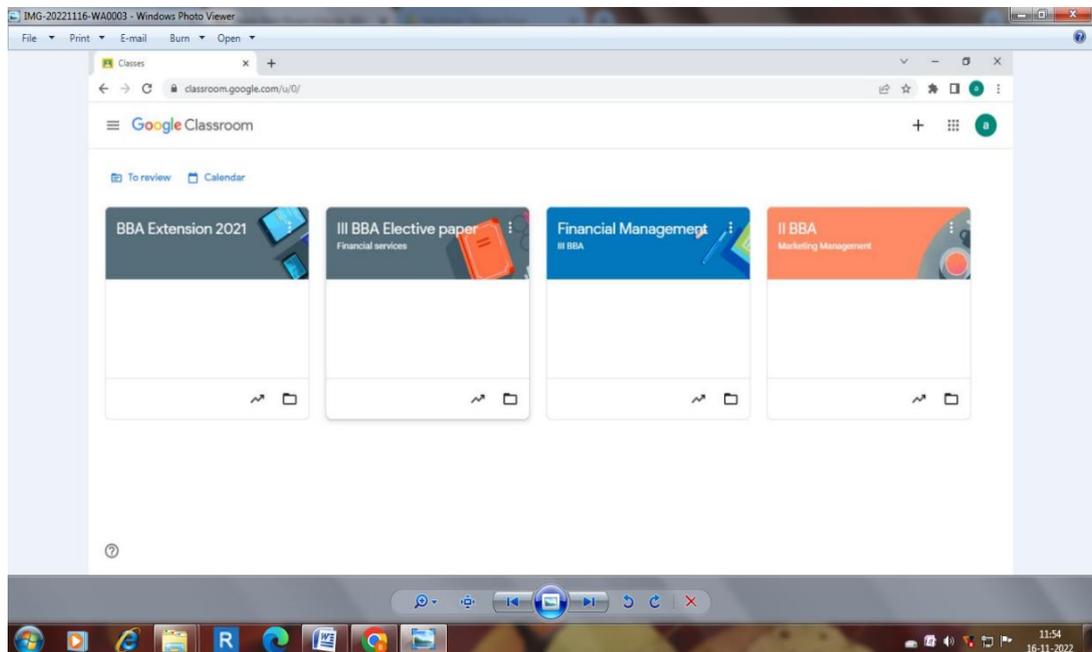
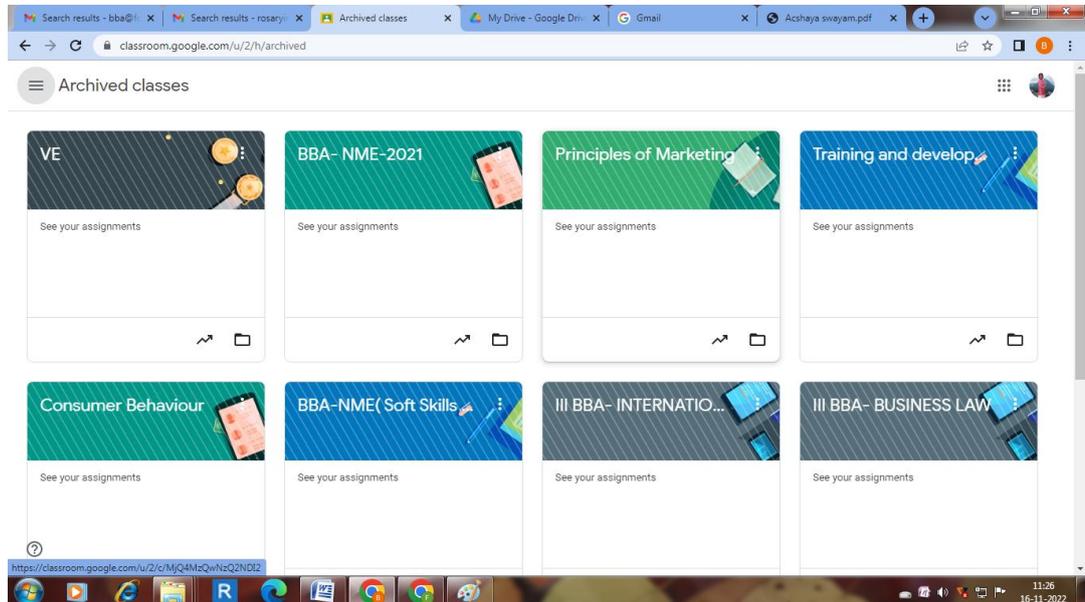


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Screen Shots of Google Class Room





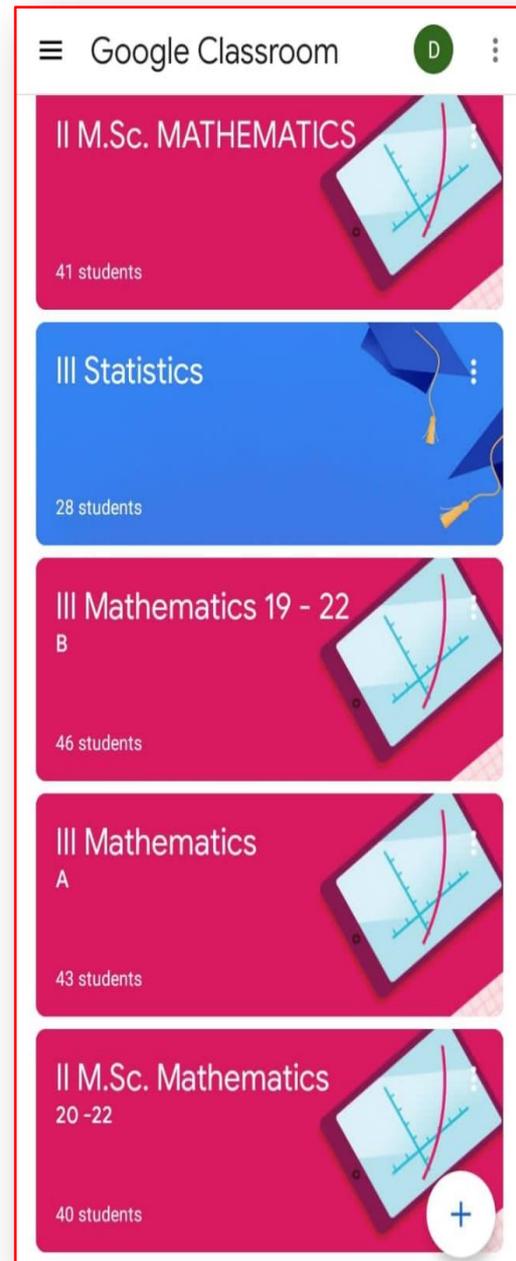
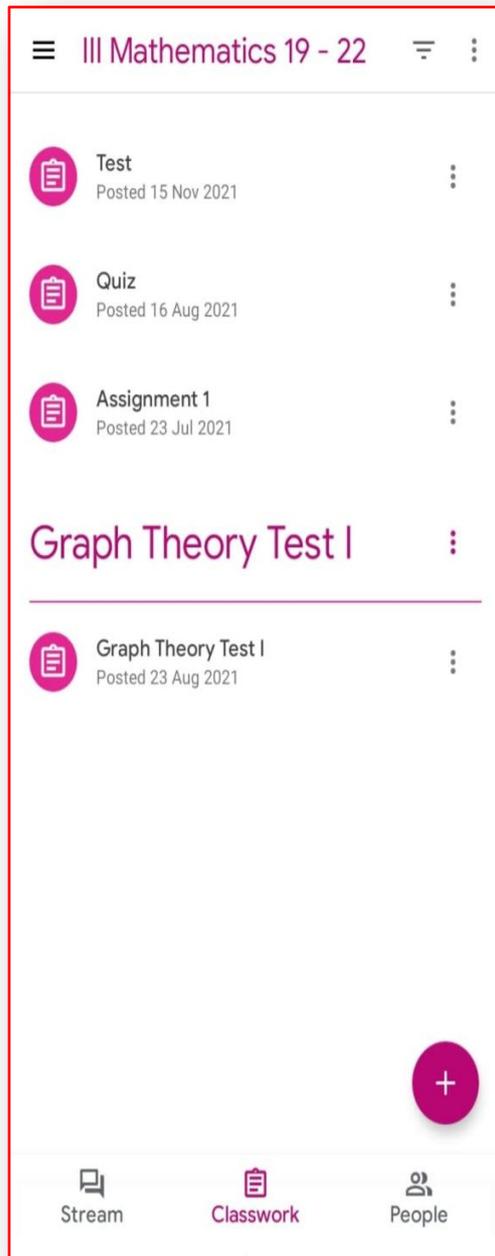
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DEPARTMENT OF MATHEMATICS (SF)

Google classrooms - Screenshots



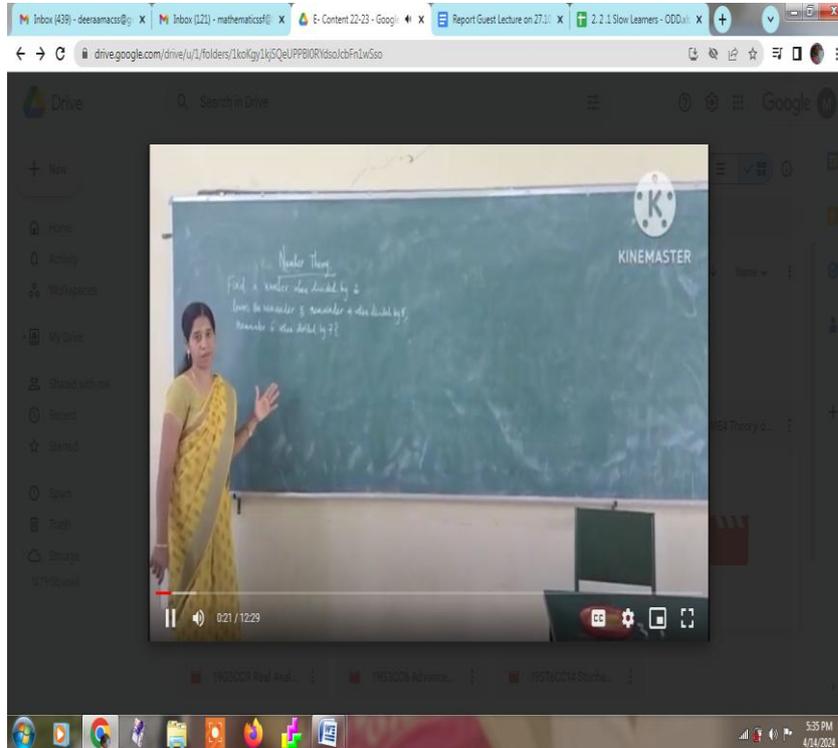


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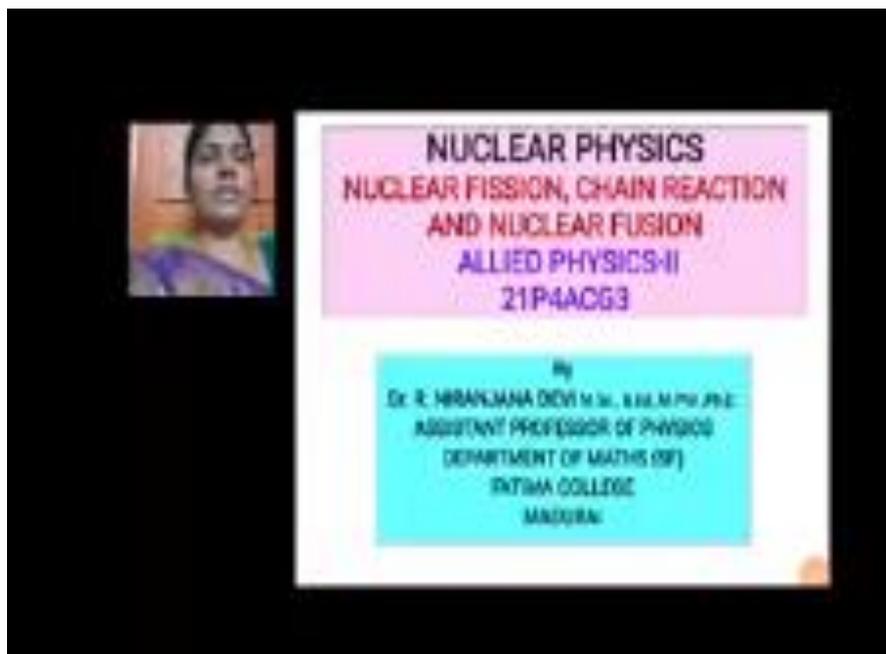
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Videos uploaded on Google Classroom



Ms. J. Annaal Mercy



Dr. R. Niranjana Devi



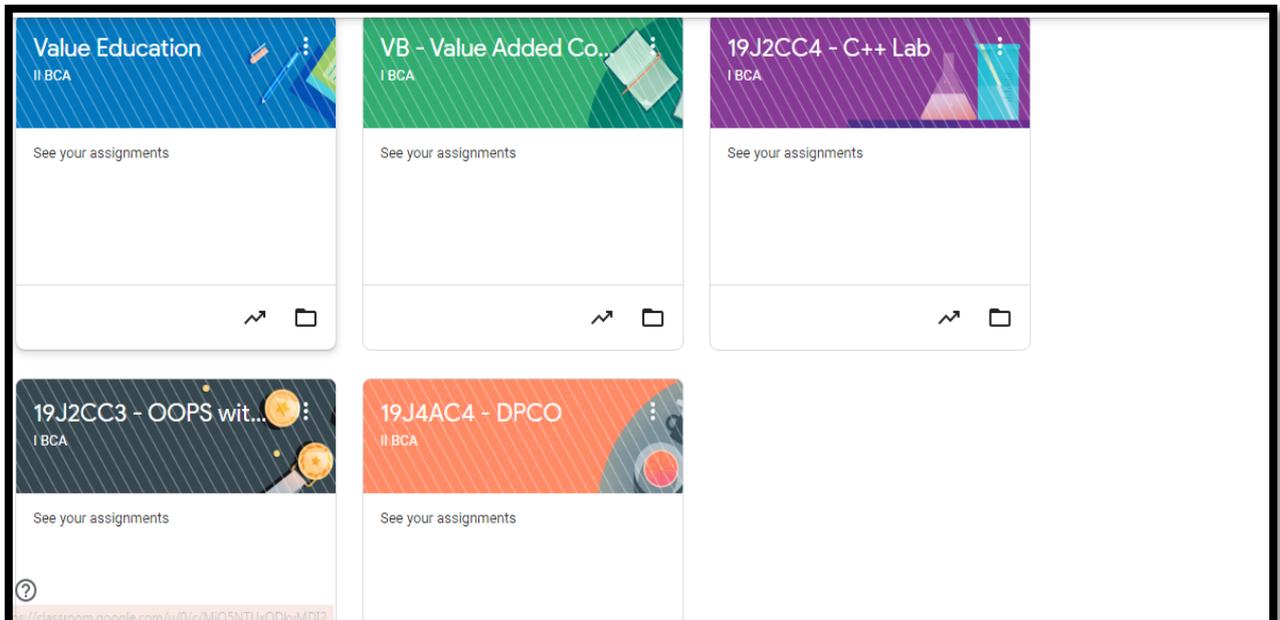
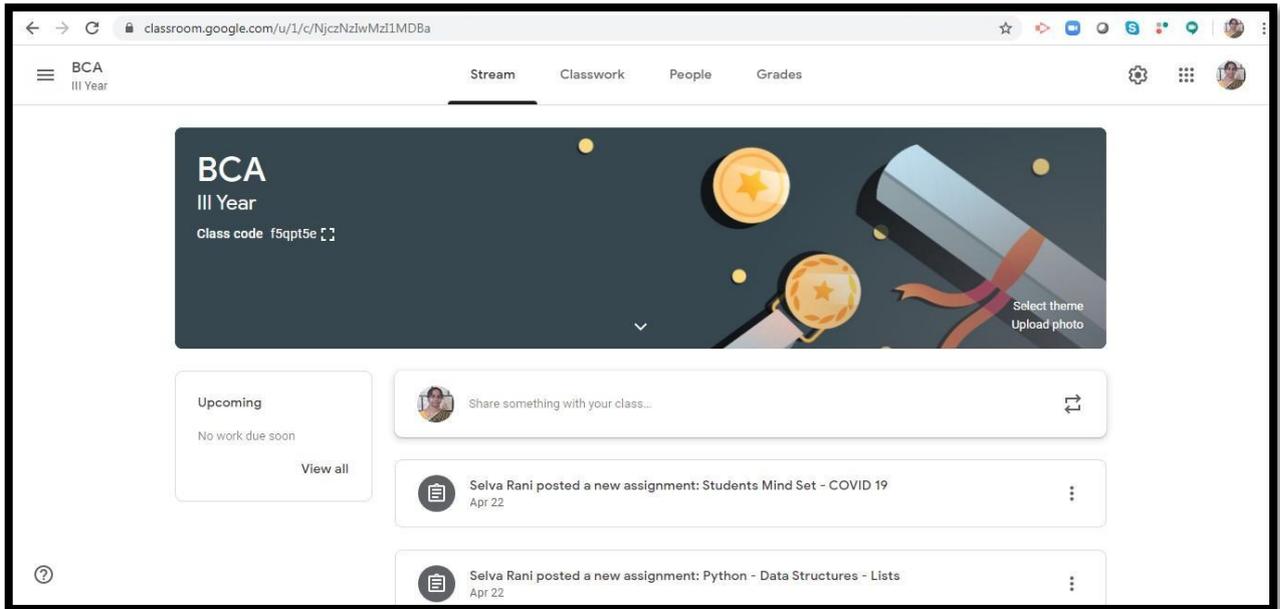
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DEPARTMENT OF BCA

GOOGLE CLASSROOMS

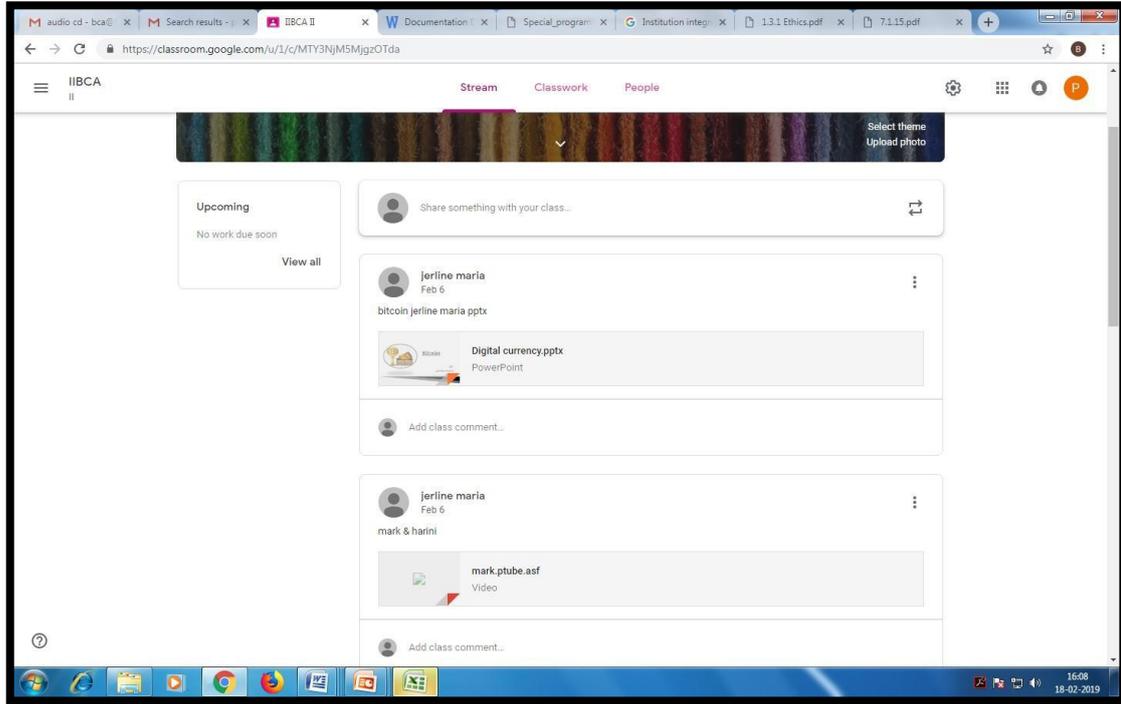




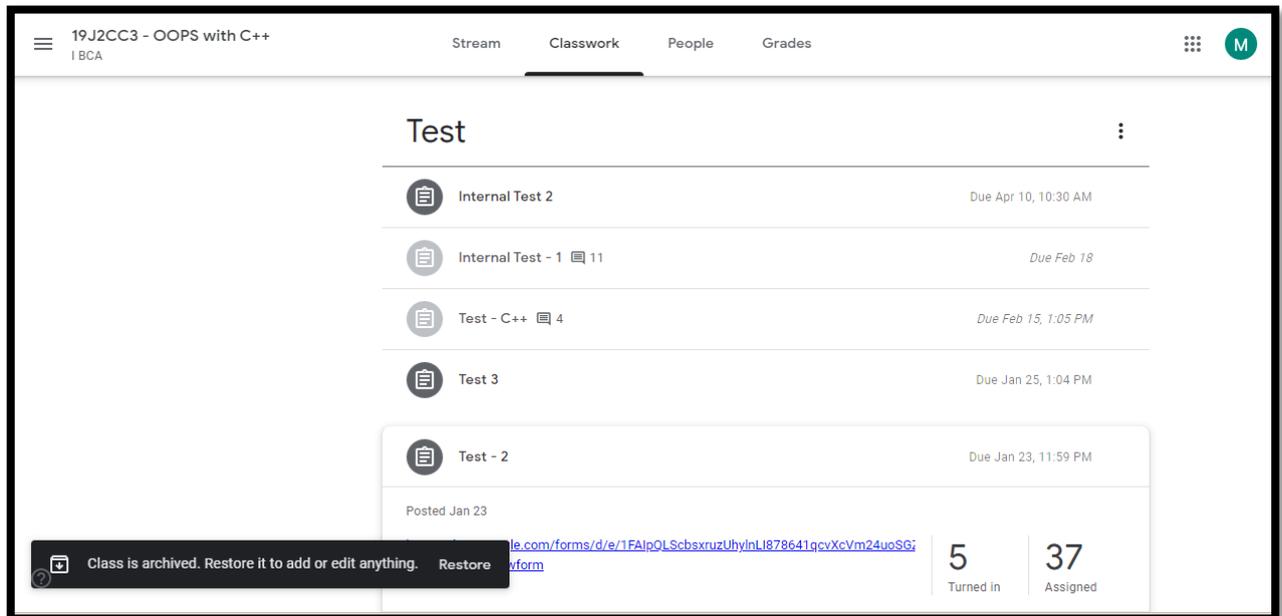
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Assignments & Tests





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OS - Scheduling video

Submitted by SELVARANIS on Sat, 05/09/2020 - 20:51

The average waiting time is....

- 5.2 ms
- 5.4 ms
- 5.6 ms

Check

Can you tell the average waiting time?

P1 (3) P2 (2) P3 (4) P4 (1) P5 (5)

RECORDED WITH SCREENCAST.MATIC

CPU is doing the Process

CPU is Free

3:28 0:42

New to HSP? Read the [installation guide](#) to get HSP on your own site.

19J2CC4 - C++ Lab

Stream Classwork People Grades

- All topics
- Test

Topic	Due Date
Programs on inheritance	Posted Mar 6
Exercises constructor	Posted Feb 8
Programs using Arrays in C++	Due Feb 7
Write a C++ program to do Library Manage...	Due Jan 22
Write a C++ program to calculate Student G...	Due Jan 22, 12:30 PM
Write a C++ program to calculate Employee ...	Due Jan 18, 1:00 PM
Do with classes and objects	Edited Jan 4
Course Content	Posted Jan 3



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19J4AC4 - DPCO
II BCA

Stream **Classwork** People Grades

Google Calendar Class Drive folder

All topics

Assignment 1

Test

Do the attached sums and submit Posted Mar 26

Prepare a Truths table for the following bool... Posted Mar 11

Course Content Posted Jan 3

Assignment 1

Written Assignment - Flip Flops Due Apr 8

PTT on NOT or Cyber Security Due Jan 18, 7:30 AM

Class is archived. Restore it to add or edit anything. Restore

19J4AC4 - DPCO
II BCA

Stream **Classwork** People Grades

Test

Internal Test 2 Due Apr 12, 9:30 AM

Octal Number Exercise Due Feb 26

Binary Numbers Due Feb 11, 10:10 AM

Internal Test - 1 Due Feb 18

Written Test 4 Due Feb 3, 11:59 PM

Test 3 Due Jan 27

E-Content Videos

Quick access

Desktop

Downloads

Documents

Pictures

dictionaries

DoubleColumnCashbookM1

Edmodo

Network Simulator NS2

Networks Introduction

TRIPLE COLUMN CASH BOOK



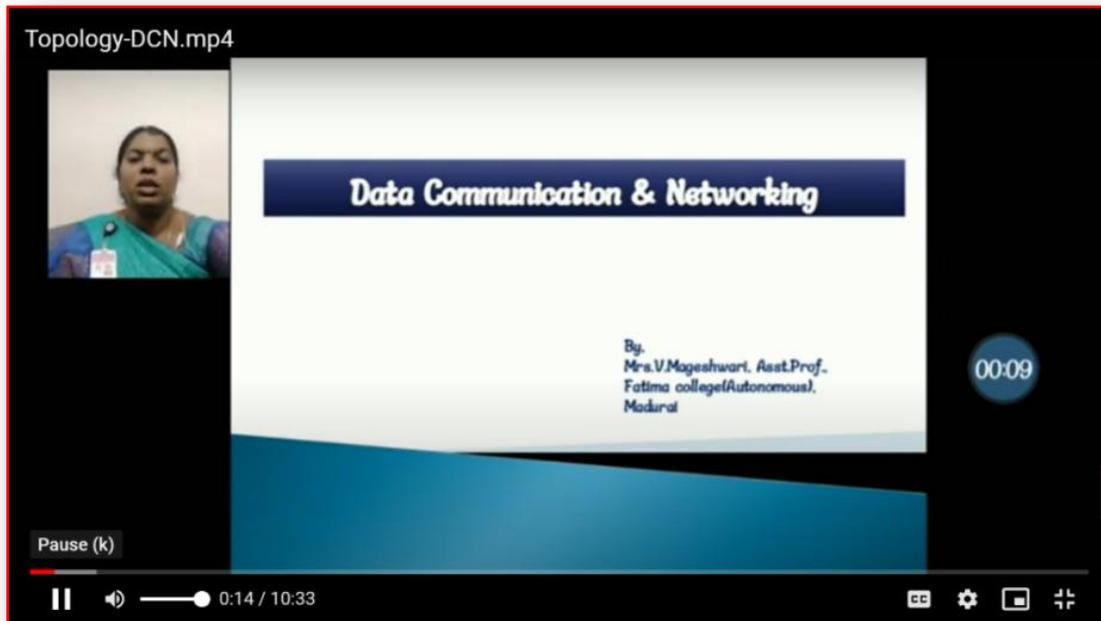
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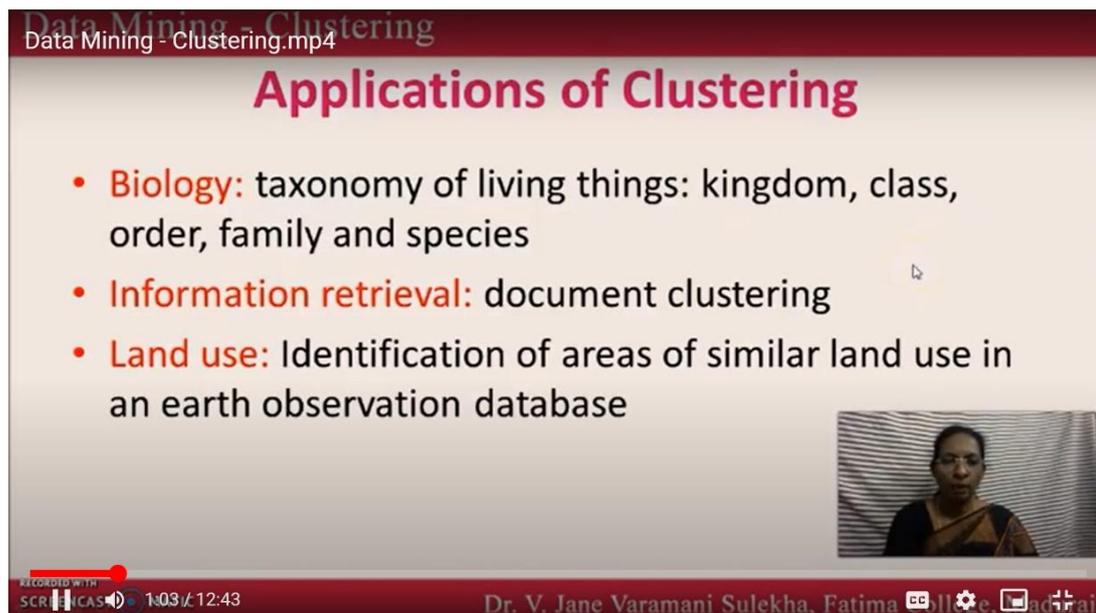
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DEPARTMENT OF INFORMATION TECHNOLOGY

Sample Screenshots: Screen Cast-O-Matic



Mrs. V. Mageshwari



Dr. V. Jane Varamani Sulekha

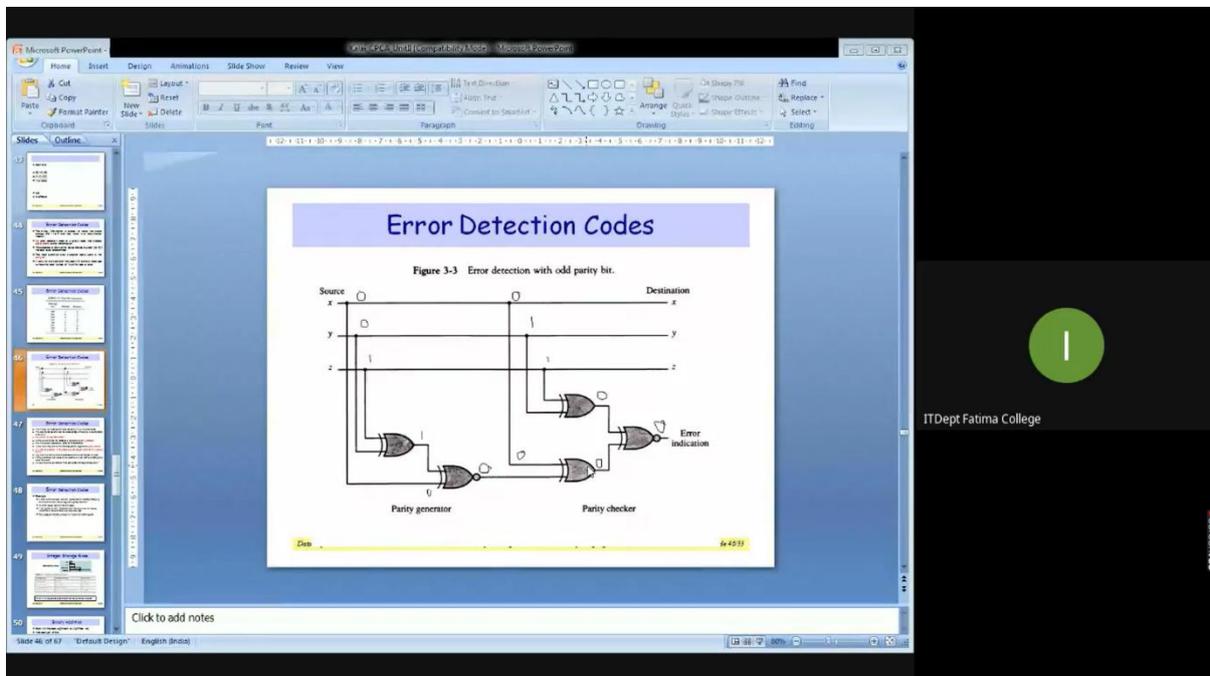
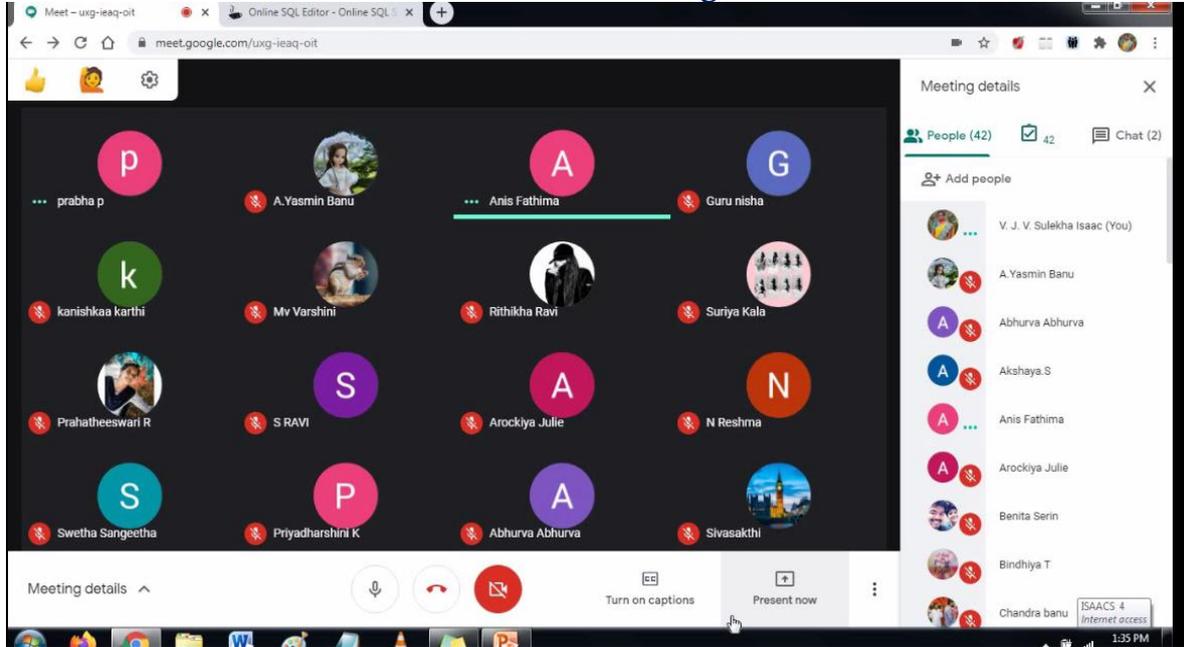


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Classes on Google Meet



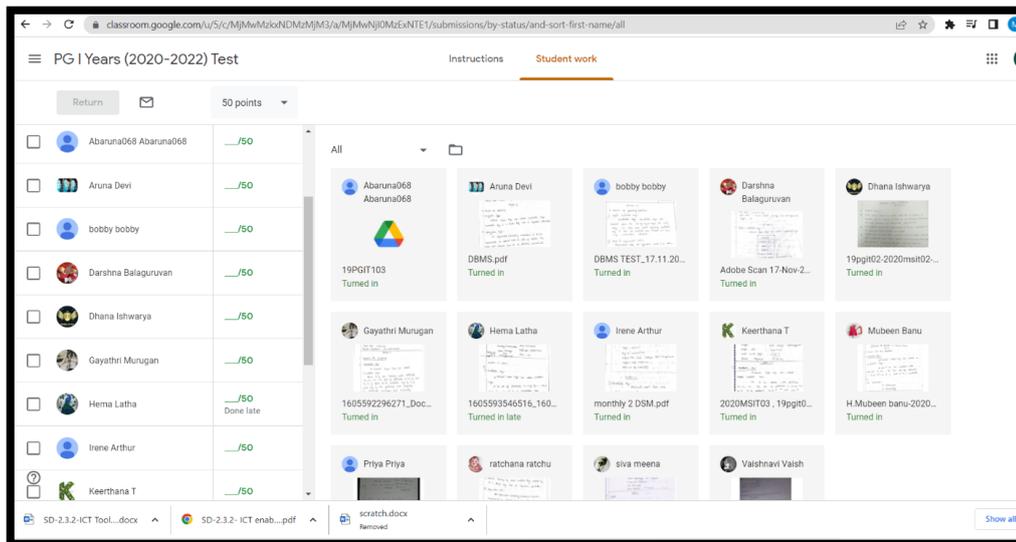
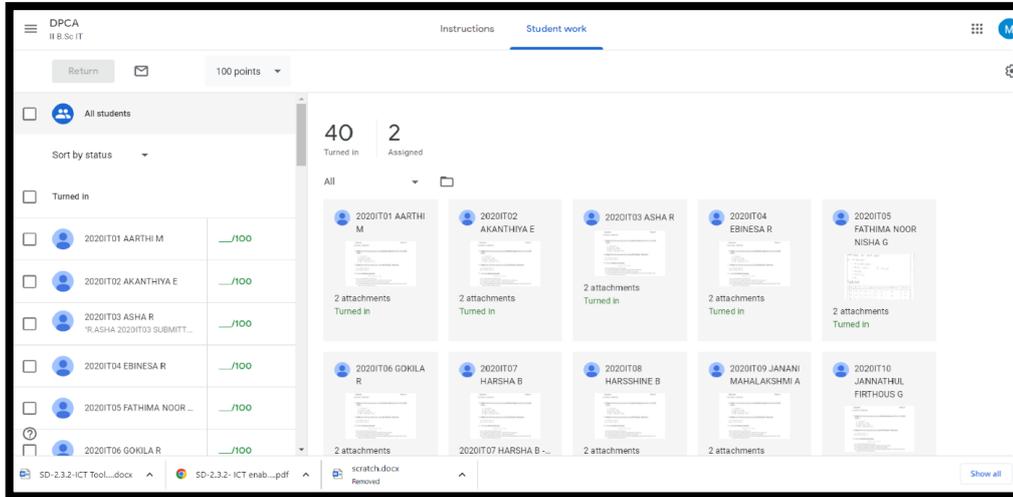


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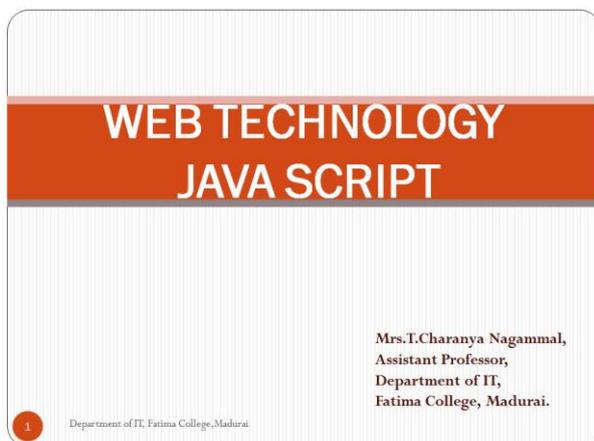
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Google Classroom



PowerPoint Presentation:



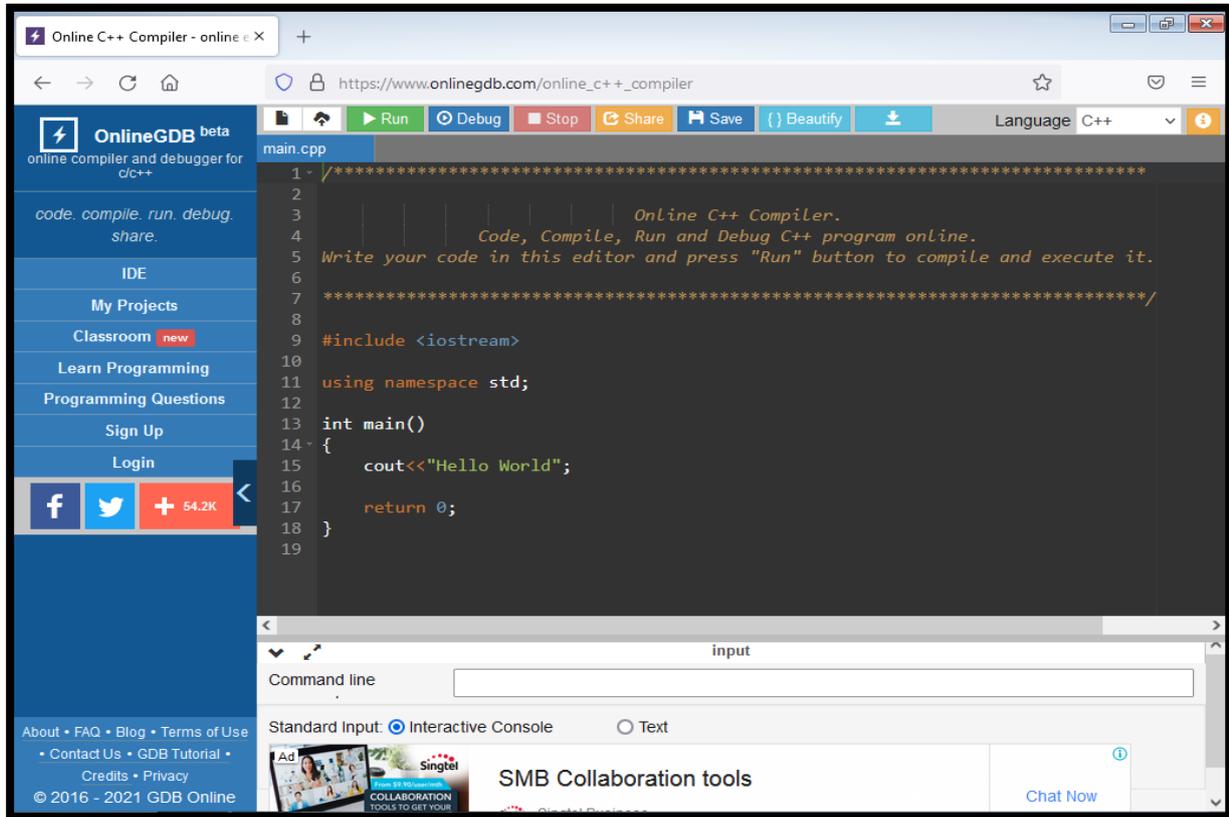


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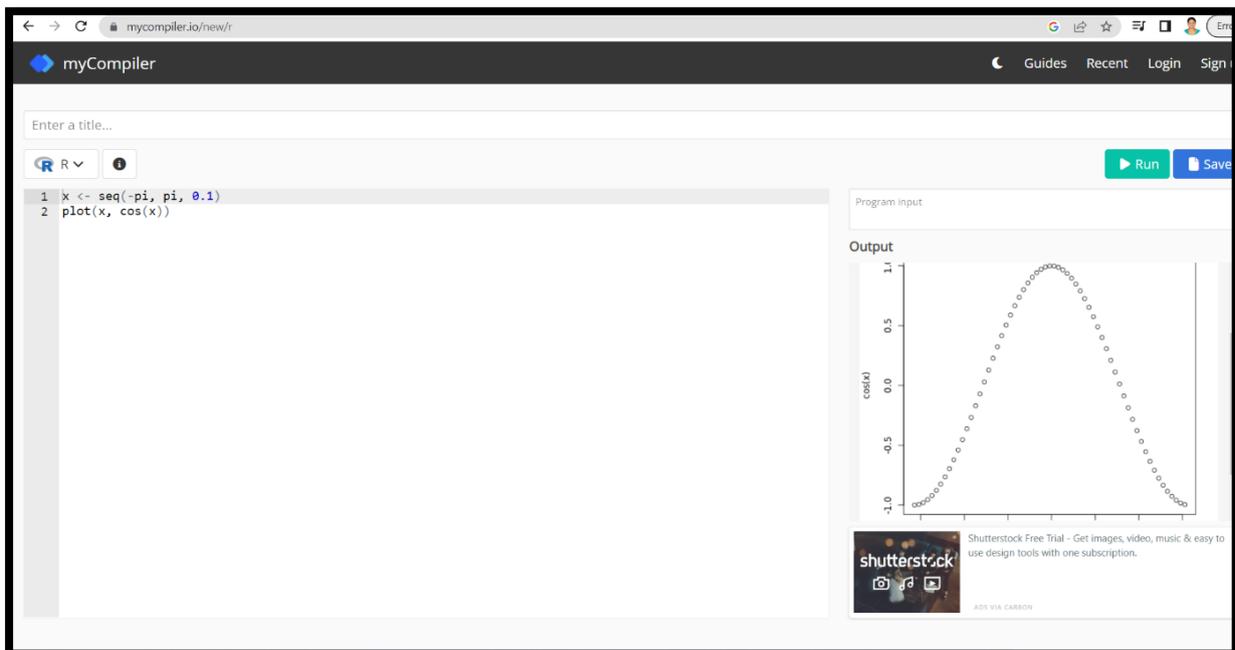
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Online GDB C++ Editor:



Online R Compiler:





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Online SQL Editor:

The screenshot shows a web browser window with the URL `programiz.com/sql/online-compiler/`. The page title is "Online SQL Editor". On the left, there are tree views for "Customers [-]", "Orders [-]", and "Shippings [-]" with their respective column names and data types. The main input area contains the following SQL code:

```
-- Online SQL Editor to Run SQL Online.  
-- Use the editor to create new tables, insert data and all other SQL operations.  
  
SELECT * FROM Customers;
```

The "Output" section displays a table with the following data:

customer_id	first_name	last_name	age	country
1	John	Doe	31	USA
2	Robert	Luna	22	USA
3	David	Robinson	22	UK
4	John	Reinhardt	25	UK
5	Betty	Doe	28	UAE

On the right, the "Available Tables" section shows three tables: "Customers", "Orders", and "Shippings", each with its columns and data.

JDoodle Online .net Editor:

The screenshot shows the JDoodle Online VB.Net Compiler IDE. The code editor contains the following code:

```
1 Imports System  
2  
3 Public Class Test  
4     Public Shared Sub Main()  
5         Dim x, y as Integer  
6         x = 10  
7         y = 25  
8         System.Console.WriteLine("Sum of x and y = " & (x+y))  
9     End Sub  
10 End Class
```

The "Execute" button is highlighted. Below the code editor, the "Result" section shows the following output:

```
CPU Time: 0.02 sec(s), Memory: 16820 kilobyte(s)  
compiled and executed in 1.59 sec(s)  
Visual Basic .Net Compiler version 0.0.0.5943 (Mono 4.8 - makepkg/e31cb702)  
Copyright (C) 2004-2010 Roif Bjorne Kvinge. All rights reserved.  
Assembly 'jdoodle, Version=0.0, Culture=neutral, PublicKeyToken=null' saved successfully to '/home/jdoodle.exe'.  
Compilation successful  
Compilation took 00:00:00.9757770  
Sum of x and y = 35
```

At the bottom, there is a cookie notice: "This website uses cookies to ensure you get the best experience on our website." with a "Got it!" button.



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DEPARTMENT OF COMMERCE (SF)

Google Classrooms:

The screenshot shows a Google Classroom interface for the class 'III BCom (SF) - SB - Leadership Skills'. The page includes a header with navigation tabs for Stream, Classwork, People, and Grades. The main content area features a blue banner with the class name and two recent posts: one by Ms. M. Fanny B.COM.CA dated Nov 22, 2021, titled 'LEADERSHIP SKILLS MARKS', and another by Mrs. J. Shifa Fathima B.COM.CA dated Aug 25, 2021, titled 'III B.Com (SF) - SB - Leadership ...'. The Windows taskbar at the bottom shows the time as 8:44 AM on 11/27/2022.

The screenshot shows a Google Classroom interface for the class 'III B.COM CA'. The page includes a header with navigation tabs for Stream, Classwork, People, and Grades. The main content area features a blue banner with the class name and a 'Meet' button with a 'Generate link' option. Below the banner, there are several posts by Ms. M. Fanny B.COM.CA, including 'Announce something to your class', 'OBJECTIVES - UNIT V' (May 8), 'OBJECTIVES - UNIT - III & IV' (May 8), 'UNIT V' (May 8), and 'UNIT III' (Apr 16). The Windows taskbar at the bottom shows the time as 8:45 AM on 11/27/2022.



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III B.COM
S.F.

Stream **Classwork** People Grades

+ Create Google Calendar Class Drive folder

- Page 4 & 5 Posted Mar 28
- Objectives of GST Posted Mar 22
- SYLLABUS Posted Mar 21

Activate Windows
Go to PC settings to activate Windows.

<https://classroom.google.com/u/7/c/MzUzNDYzOTMxOTk3>

III BCom (SF) - SB - Leadership Skills

Stream **Classwork** People Grades

III BCom (SF) - SB - Leadership Skills

- Ms. M. Fanny B.COM.CA posted a new material: LEADERSHIP SKILLS MARKS Nov 22, 2021
- Mrs. J. Shifa Fathima B.COM.CA posted a new assignment: III B.Com (SF) - SB - Leadership ... Aug 25, 2021



FATIMA COLLEGE

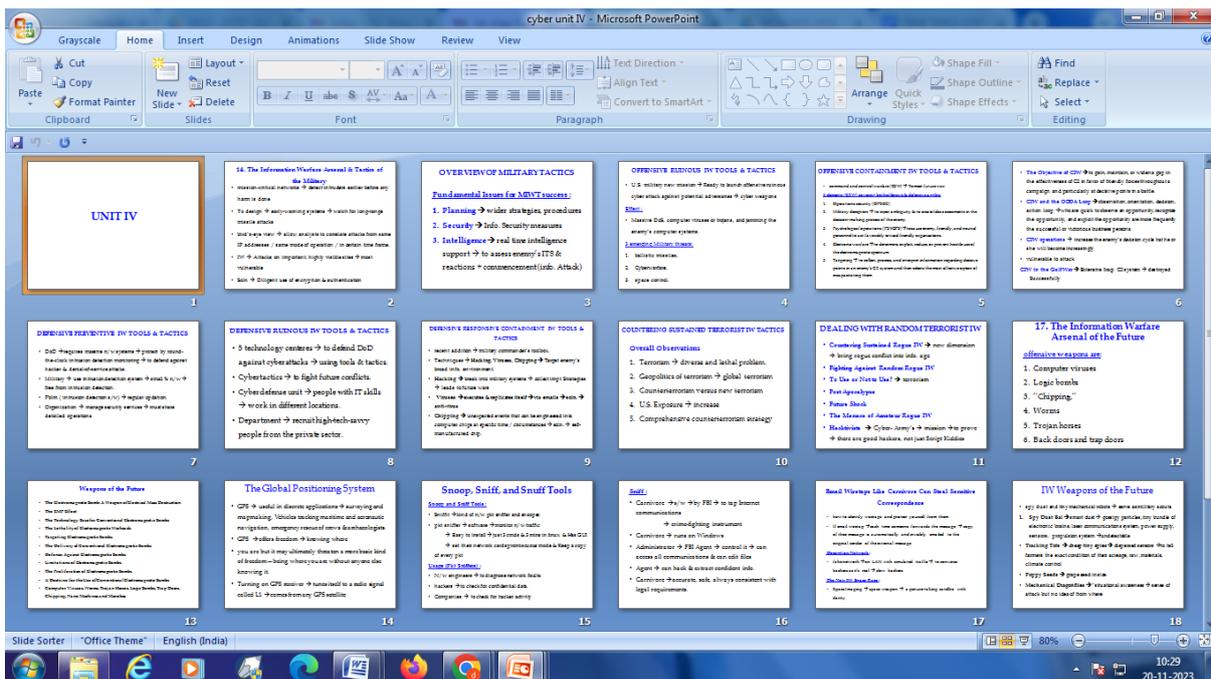
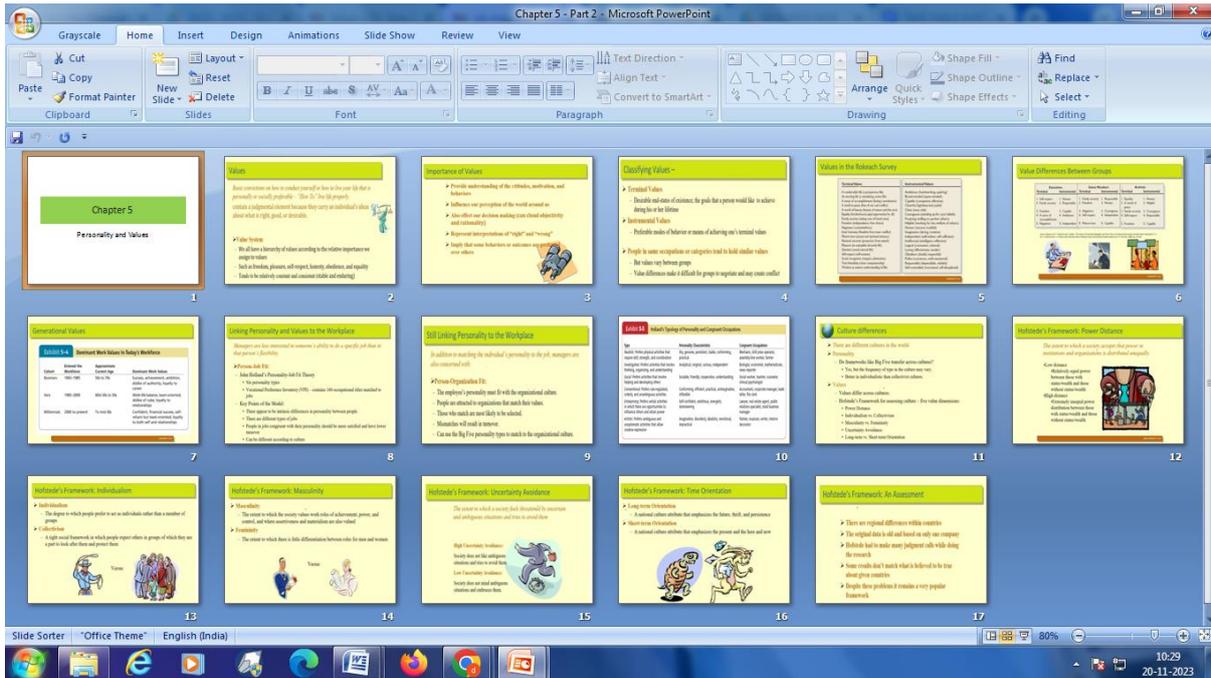
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DEPARTMENT OF MCA

Photos/Screenshots of ICT

Power Point Presentations





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Chapter 9 - Classes and Objects (I) - Microsoft PowerPoint

Home Insert Design Animations Slide Show Review View

Clipboard Slides Font Paragraph Drawing Editing

Chapter 9
Classes and Objects

Introduction

- In OOP data & functions combined to form a class
- Python use short & simple way to define & use classes
- Classes and Objects → 2 main aspects of OOP
- Class → basic building block → provides a blueprint / template → objects are created.

Defining Classes

Syntax: `class class_name:`
 → variables defined inside class
 → class variables
 → functions defined inside class
 → class methods
 Class Variables & Class Methods → class members → accessed through objects

Creating Objects

Syntax: `Object_name = Class_Name()`
 → Creating an object / instance of a class
 → class instantiation.
 To access a class member, use `Object_name.Class_Member_Name`

Data Abstraction & Hiding

- We want to represent data & methods → Private data access by other function
- Access Levels → access rights

 - Lowest level → access is public → accessed by function in any class
 - Highest level → access is private → accessed only by the class in which it is declared
 - Private variable → protected with `__` Eg: `__var`

Class Method & self argument

- Class methods → same as ordinary functions but it have the 1st argument as self
- No need to pass values to self → refers to object

__init__() → class constructor

- `__init__()` → executed automatically when an object is created
- initialize the vars of the class object

Class variables

- Class vars → owned by class
- If a class has 1 class var → 1 copy of that var
- Object(class) → share the class var
- Obj made to class var → reflected in other objects

Object variables

- Object vars → owned by objects
- If a class has n objects → n separate copies of the object var
- Obj made to class var → not shared b/w objects
- Obj made to obj var by 1 obj → not be reflected in other object

The __del__() method

- `__del__()` → automatically called when an object goes out of scope

Other Special methods

- `__repr__()` → string representation (object)
- `__cmp__()` → class method (self, other) → to compare 2 class objects
- `__len__()` → return length of an object
- `__call__()` → class var like a function
- `__iter__()` → iteration over objects. Eg for loop
- `__getitem__()` → used for indexing
- `__setitem__()` → to assign an item to index's value

Public & Private Data Members

- Public Vars → accessed from anywhere using dot operator
- Private Vars → accessed within class & not from outside the class

Slide Sorter Office Theme English (India) 80% 10:31 20-11-2023

Classification - Microsoft PowerPoint

Home Insert Design Animations Slide Show Review View

Clipboard Slides Font Paragraph Drawing Editing

Classification Outline

- Goal: Provide an overview of the classification problem and introduce some of the basic algorithms
- Classification Problem Overview
- Regression
- Similarity Measures
- Bayesian Classification
- Decision Trees
- Rules
- Neural Networks

Classification Problem

- Given a database $D = \{I_1, I_2, \dots, I_n\}$ and a set of classes $C = \{C_1, C_2, \dots, C_k\}$, the **Classification Problem** is to define a mapping $f: D \rightarrow C$ where each I_i is assigned to one class
- Actually divides D into **equivalence classes**
- Prediction** is similar, but may be view as having infinite number of classes

Classification Examples

- Teachers classify students' grades as A, B, C, D, or F
- Identify mushrooms as poisonous or edible
- Predict when a river will flood
- Identify individuals with credit risks
- Speech recognition
- Pattern recognition

Classification Ex: Grading

- If $x \leq 90$ then grade = A
- If $80 < x \leq 90$ then grade = B
- If $70 < x \leq 80$ then grade = C
- If $60 < x \leq 70$ then grade = D
- If $x < 50$ then grade = F

Classification Ex: Letter Recognition

View letters as constructed from 5 components:

A	Letter A	B	Letter B
C	Letter C	D	Letter D
E	Letter E	F	Letter F

Classification Techniques

- Approach

 - Create specific model by evaluating training data (or using domain experts' knowledge)
 - Apply model developed to new data

- Classes must be predefined
- Most common techniques use DTs, NNs, or are based on distances or statistical methods

THREE BASIC METHODS USED TO SOLVE THE CLASSIFICATION PROBLEM:

- Identifying boundaries
- Dividing input into regions → one class
- Using Probability distributions → For any given class C_i , $P(x \in C_i)$
- Using posterior probabilities

Defining Classes

Partitioning Data

Issues in Classification

- Missing Data
- group
- Replace with assumed value
- Measuring Performance
- Classification accuracy on test data
- Confusion matrix
- OC Curve

Height Example Data

Name	Gender	Height	Class	Output
Kristian	M	1.8m	Short	Medium
Jim	M	2.0m	Tall	Medium
Maria	F	1.5m	Short	Tall
Maggie	F	1.7m	Short	Medium
Bob	M	1.5m	Short	Medium
Kathy	F	1.6m	Short	Medium
Clark	M	1.7m	Short	Medium
Worth	M	2.2m	Tall	Tall
Stanley	M	2.1m	Tall	Tall
Dianne	F	1.6m	Short	Medium
Todd	M	1.9m	Medium	Medium
Kim	F	1.6m	Short	Tall
Andy	F	1.5m	Short	Medium
Wynette	F	1.7m	Short	Medium

Classification Performance

True Positive, False Negative, False Positive, True Negative

Confusion Matrix Example

Using height data example with Output correct and Output actual assignment

Actual Membership	Short	Medium	Tall
Short	0	4	0
Medium	0	0	3
Tall	0	1	2

Slide Sorter Office Theme 100% 9:50 AM 11/22/2023



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clustering-unit IV - Microsoft PowerPoint

Home Insert Design Animations Slide Show Review View

Clipboard Slides Font Paragraph Drawing Editing

Clustering Unit IV - Microsoft PowerPoint

1 Clustering Outline

2 Clustering Examples

3 Clustering Example

4 Clustering Houses

5 Clustering vs. Classification

6 Clustering Issues

7 Impact of Outliers on Clustering

8 Clustering Problem

9 Types of Clustering

10 Clustering Approaches

11 Cluster Parameters

12 Distances Between Clusters

13 Hierarchical Clustering

14 Hierarchical Algorithms

15 Dendrogram

16 Levels of Clustering

17 Agglomerative Example

18 MST Example

19 Agglomerative Algorithms

20 Single Link

21 MST Single Link Algorithm

22 Single Link Clustering

23 Partitional Clustering

24 Partitional Algorithms

25 MST Algorithm

26 Squared Error

27 Squared Error Algorithm

28 K-Means

29 K-Means Example

30 K-Means Algorithm

31 Nearest Neighbor

32 Nearest Neighbor Algorithm

PAM

PAM

PAM Cost Calculation

PAM Algorithm

BEA

BEA

Genetic Algorithm Example

GA Algorithm

Slide Sorter Blue Diagonal

Wednesday, November 22, 2023 9:53 AM 11/22/2023

EAD-UNIT I-CLIENT SERVER ARCHITECTURE - Microsoft PowerPoint

Home Insert Design Animations Slide Show Review View

Clipboard Slides Font Paragraph Drawing Editing

EAD UNIT - I CLIENT SERVER ARCHITECTURE

1 Structure of a Client Server System

2 Two - Tier Model

3 Illustration of the Two-Tier

4 Advantages of Two - Tier Client Server Structure

5 Disadvantages of Two - Tier Client Server Structure

6 Three - Tier Model

7 Illustration of the three-tier

8 Advantages of Three - Tier Client Server Structure

9 Disadvantages of Three - Tier Client Server Structure

10 N-Tier Model

11 Illustration of N-Tier Model

12 Advantages of N-Tier Client Server Structure

Slide Sorter Ton Boardroom

100%

2:11 PM 11/22/2023



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E-Content

S. Mary Helan Felista - PHP Cookies.mp4

What is a Cookie?

- A cookie is a piece of data from a website that is stored within a web browser that the website can retrieve at a later time.
- Each time the same computer requests a page with a browser, it will send the cookie too.

Google Classroom

Classroom > I MCA 2022-23

Stream Classwork People Grades

I MCA
2022-23

Class code: **g3tto5c**

Announce something to your class

FELISTA MICHAEL posted a new assignment: Assignment_2
Nov 15, 2022

2 class comments



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Google Classrooms

The screenshot shows the Google Classroom interface for the class 'II MCA 22-23'. The left sidebar contains navigation options: Home, Calendar, Teaching, To review, and Archived classes. The 'Teaching' section lists several MCA courses. The main area shows a list of students under the 'People' tab, including MARIA GRAYCITA, Farija J, Sujitha Jeganathan, Yamini Krichan, Shalini Murugan, Vinodhini R, Ishwarya S, Subhaa Seenivasan, Pooja T, and Vaishnavi Vaish. The bottom of the browser shows the Windows taskbar with various application icons and system tray information.

The screenshot shows the Google Classroom interface for the class 'Data Mining 2022 November'. The left sidebar lists courses including Computer Organization, 2023 MCA - OPERATING SYS..., Data Mining 2022 November, and MCA-Operating System. The main area features a blue banner for 'Data Mining 2022 November' with a 'Customize' button. Below the banner are sections for 'Meet' (with a 'Generate link' button), 'Class code' (ur4hft4), and 'Announce something to your class'. There are also notifications for assignments posted by SELVARANI MCA on Apr 13 and Apr 12. The bottom of the browser shows the Windows taskbar.



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Assignment posted by a Student
