SUPPORTING DOCUMENT

FOR

2.3.2

ICT

TABLE OF CONTENTS

Use of Digital Infrastructure
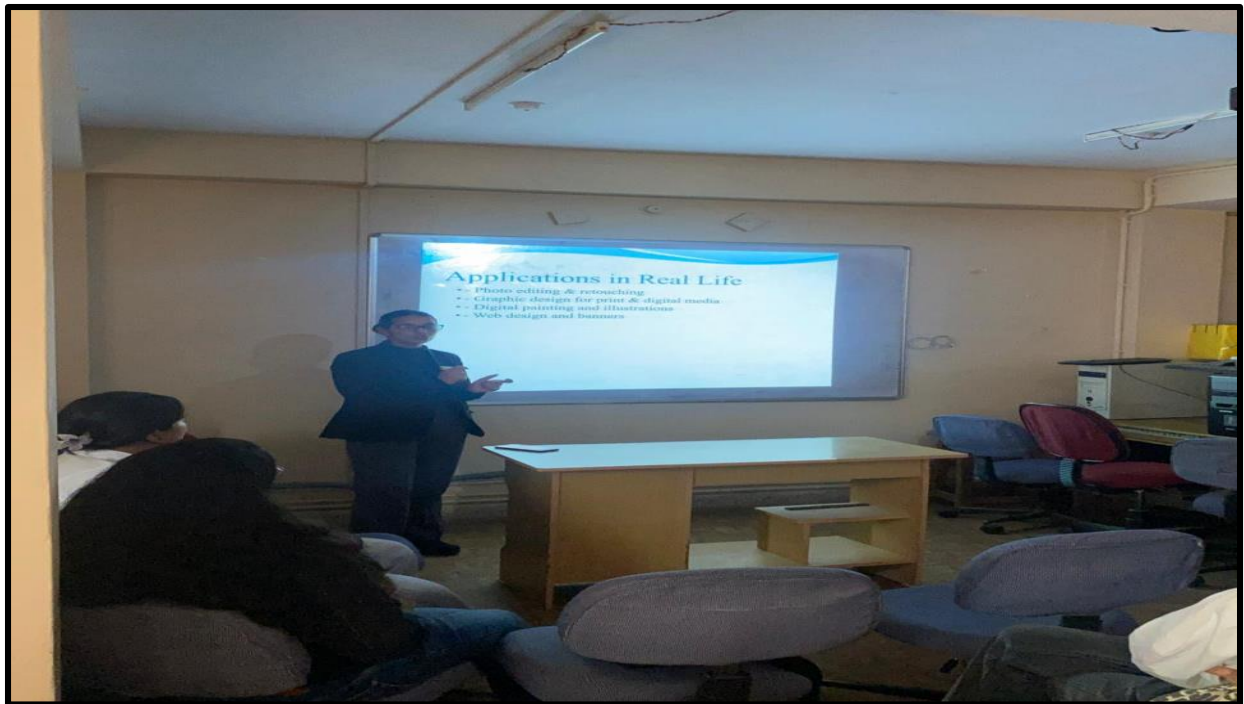

Seminar Room

Presentation Given by Students Using Projectors In Zoology Lab; February 25, 2025
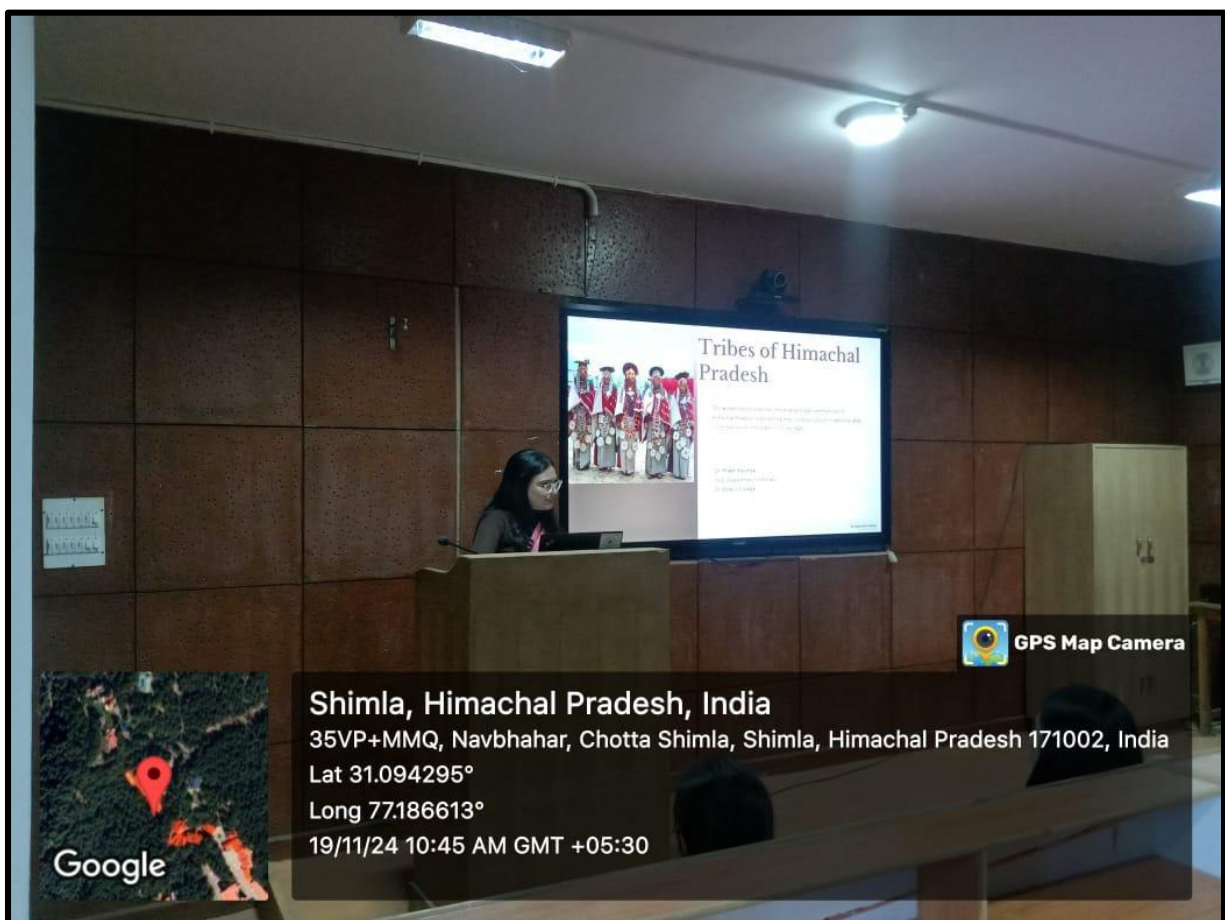
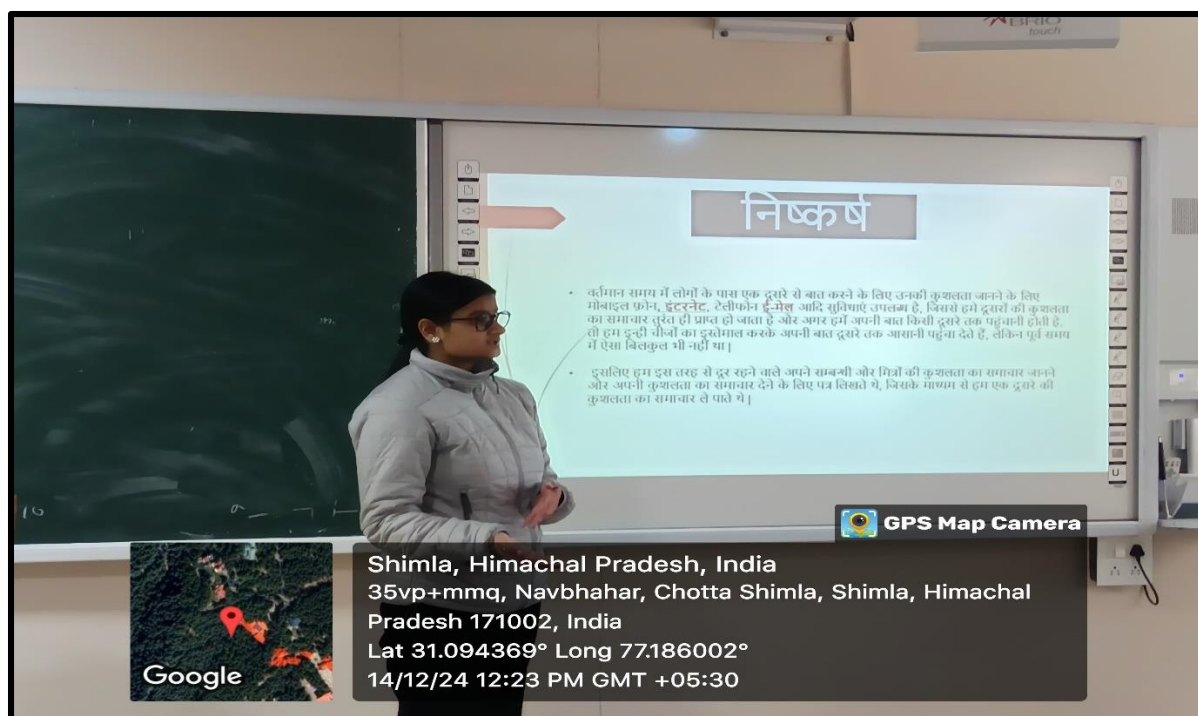*Presentation Given by Students Using Projectors In Zoology Lab; February 19, 2025*

Department Of Economics Using Projectors to Enhance the Learning

Use of Projectors; Department of Computer Science

Use of Projectors; Department of Botany

Use of Projectors; Department of Commerce

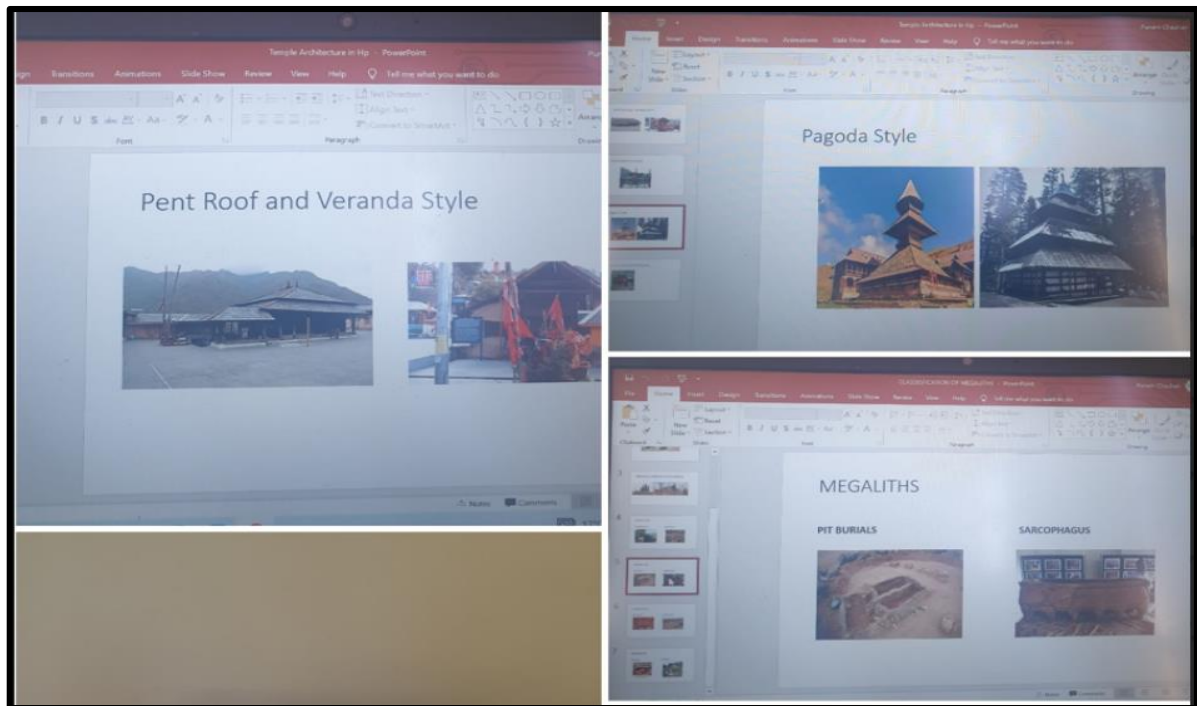*Teaching Learning Through Audio Visual Technology: Auditorium*

Use of Projectors; Department of Geography
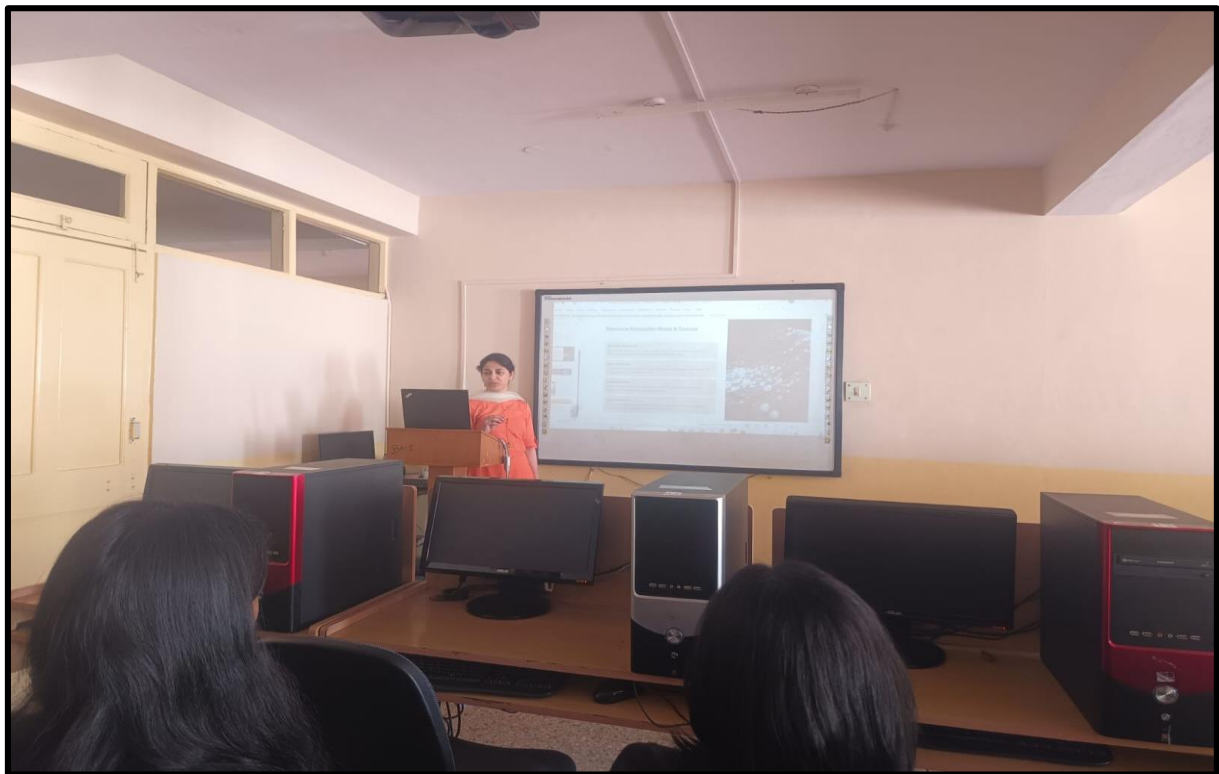
Power Point Presentations

Teachers enhances their teaching learning through power point presentations, some samples are:

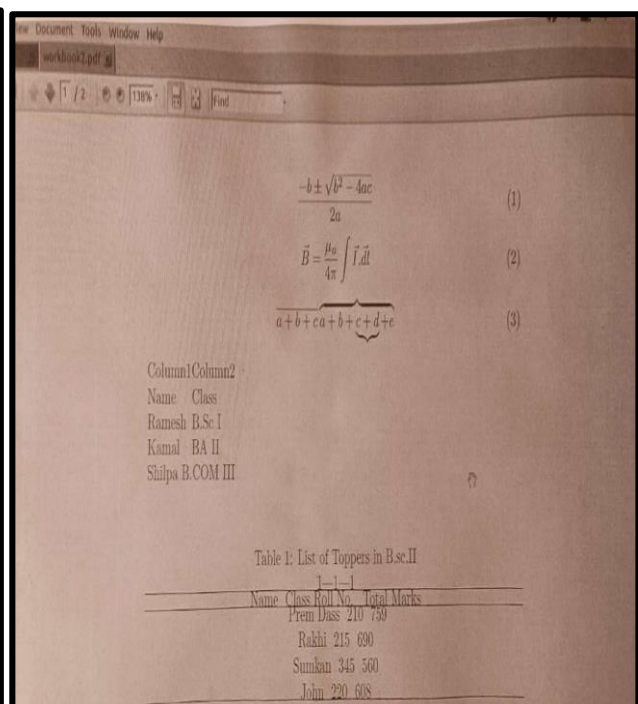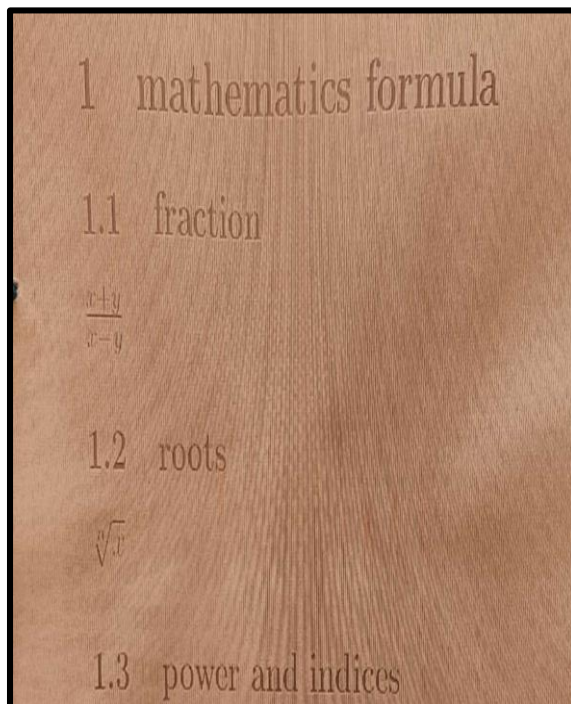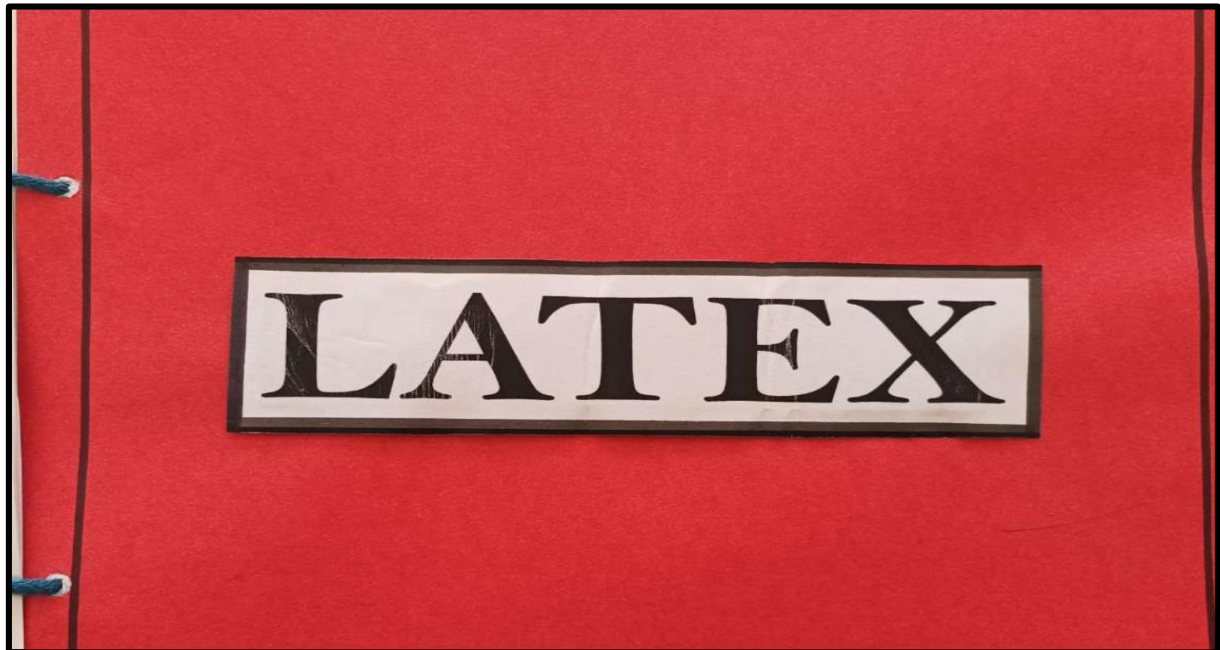*Power Point Presentation by Department of Geography*
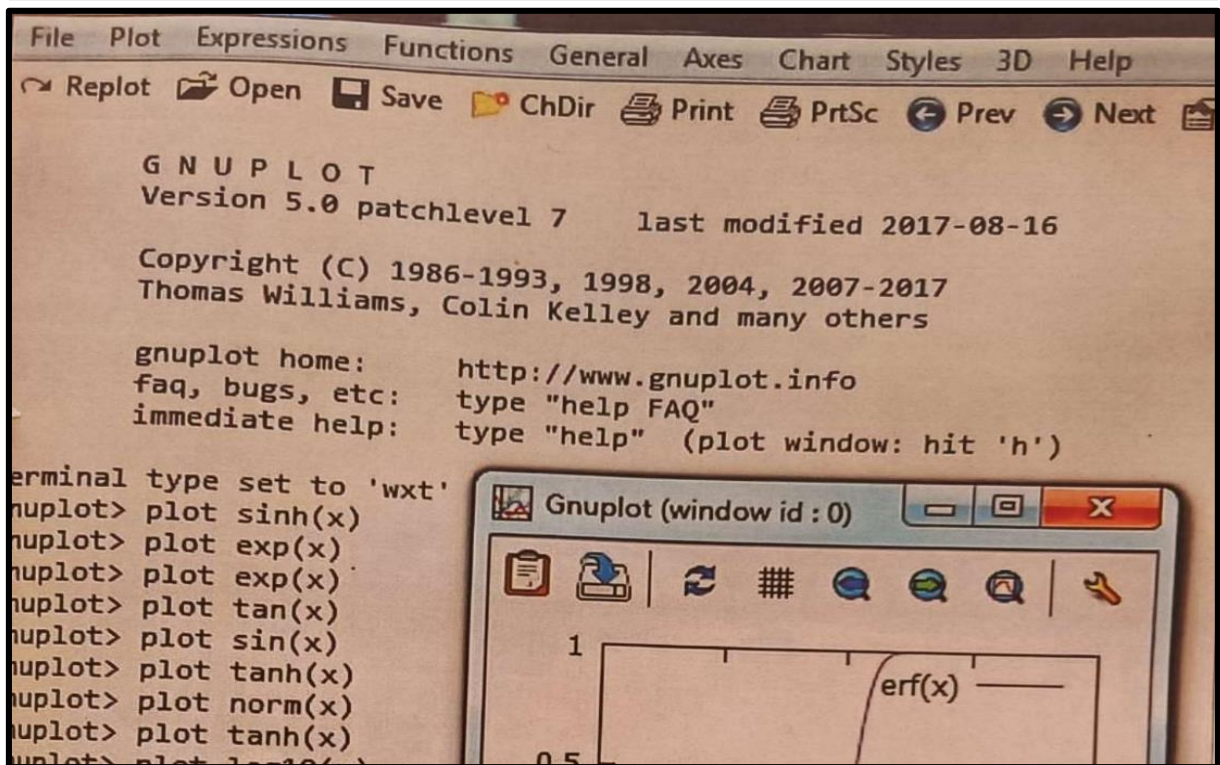
Power Point Presentation by Department of History

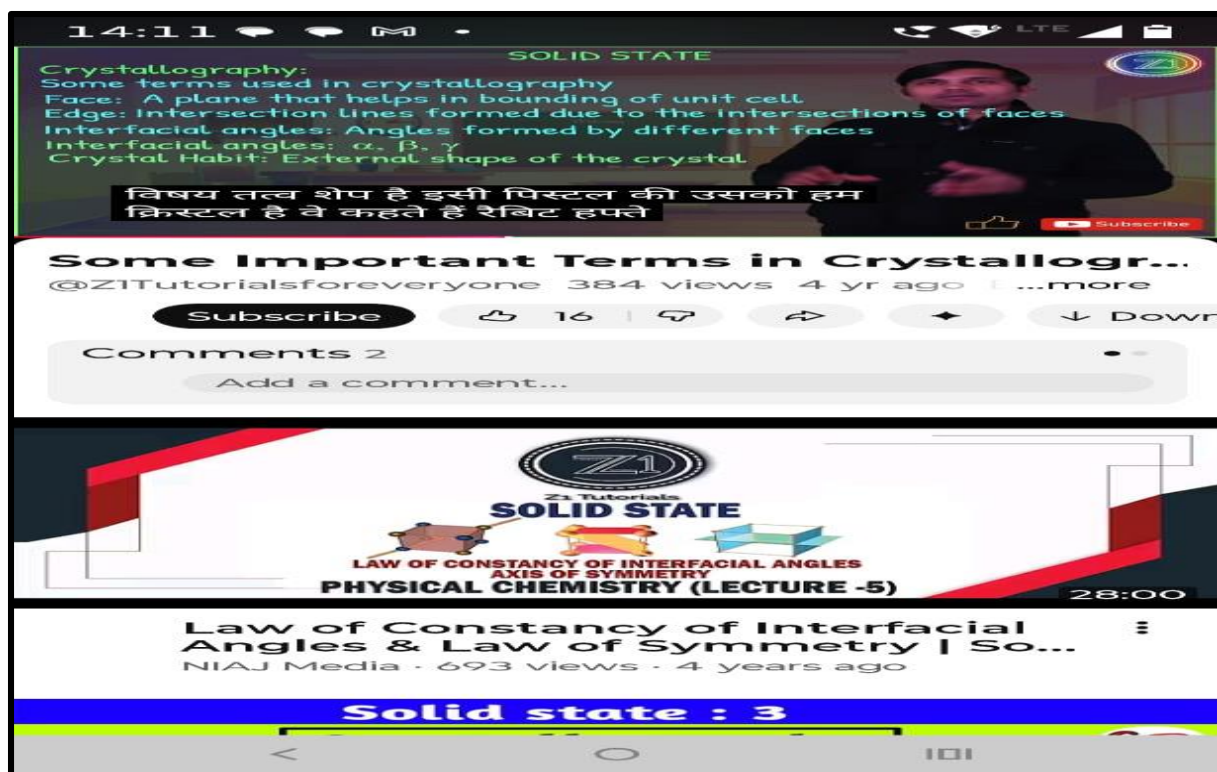*Power Point Presentation by Department of Computer Science*

Using LATEX by Physics Department

GNU Plot: Department of Physics

You Tube Videos: Department of Chemistry
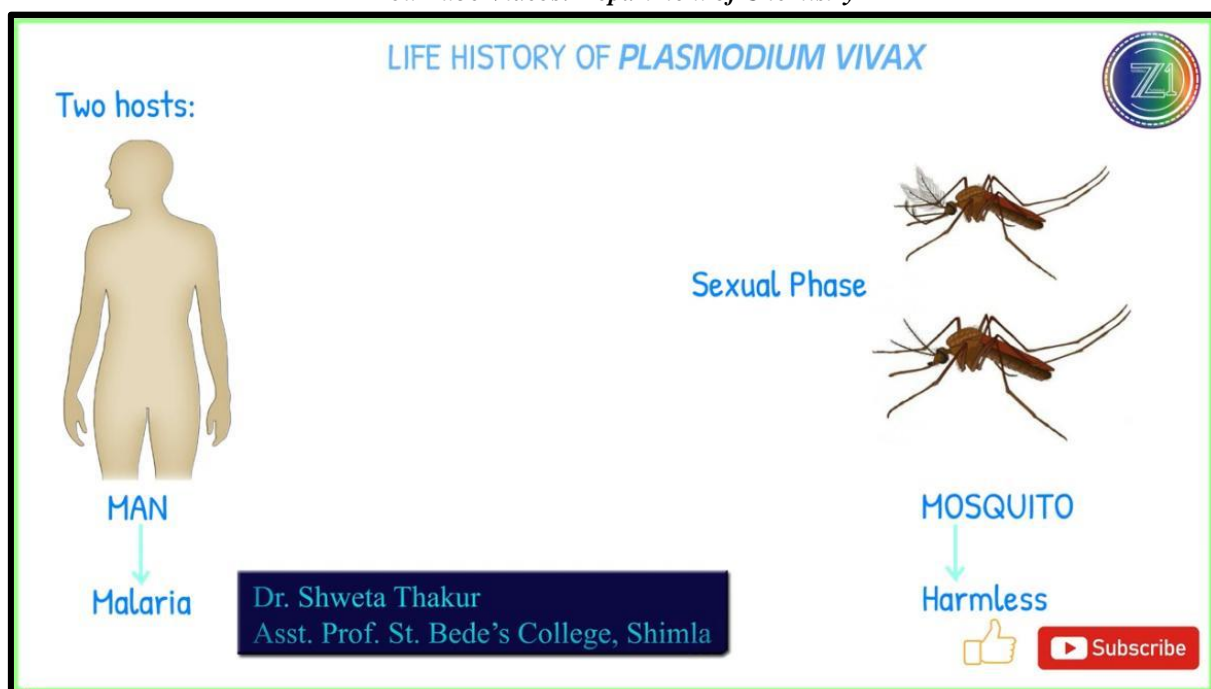
You Tube Learning: Department of Zoology

You Tube Learning: Department of Botany

Software
Erdas Imagine 9.1

Erdas Imagine 9.1 is powerful remote sensing and image analysis software widely used in geospatial data processing. It provides tools for visualizing, interpreting, analysing satellite and aerial imagery.
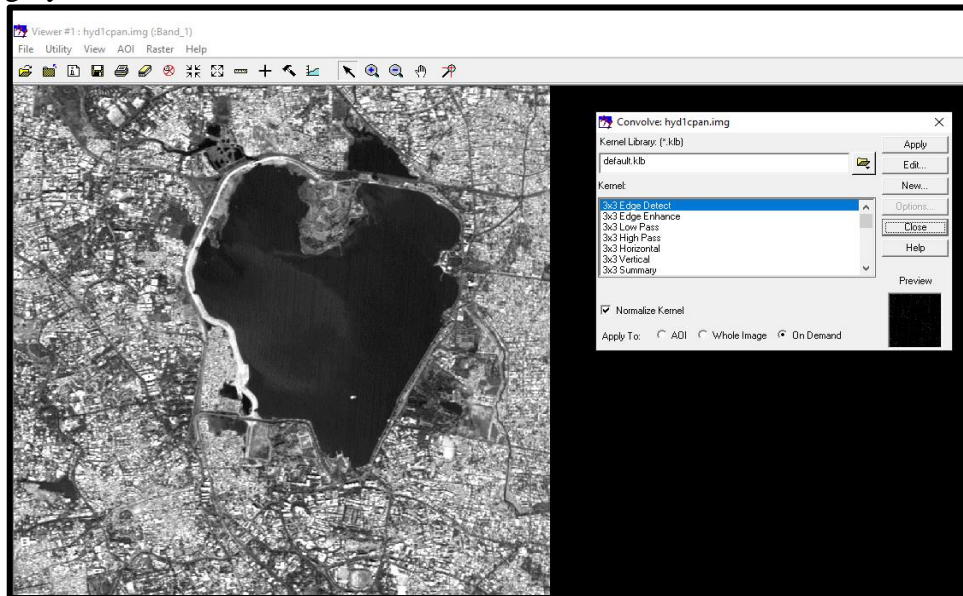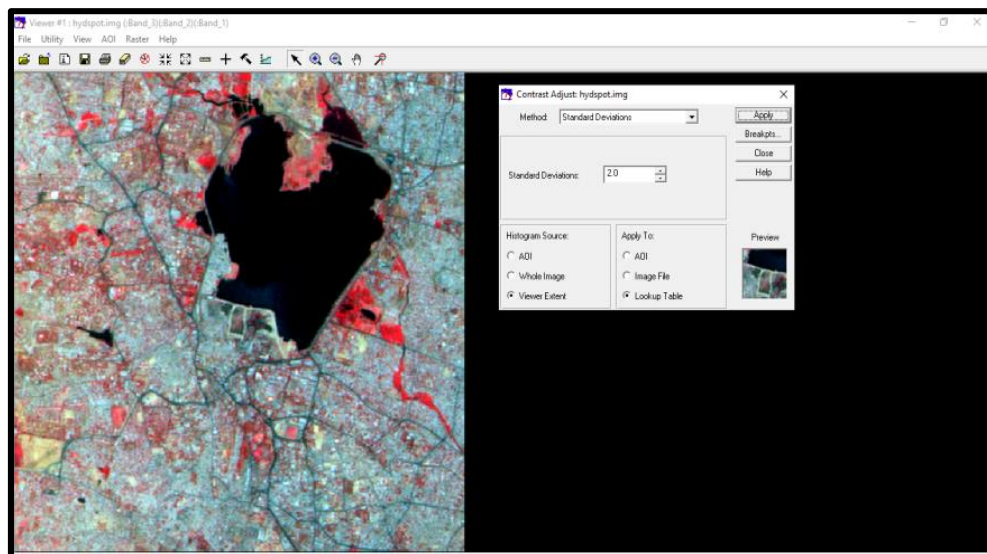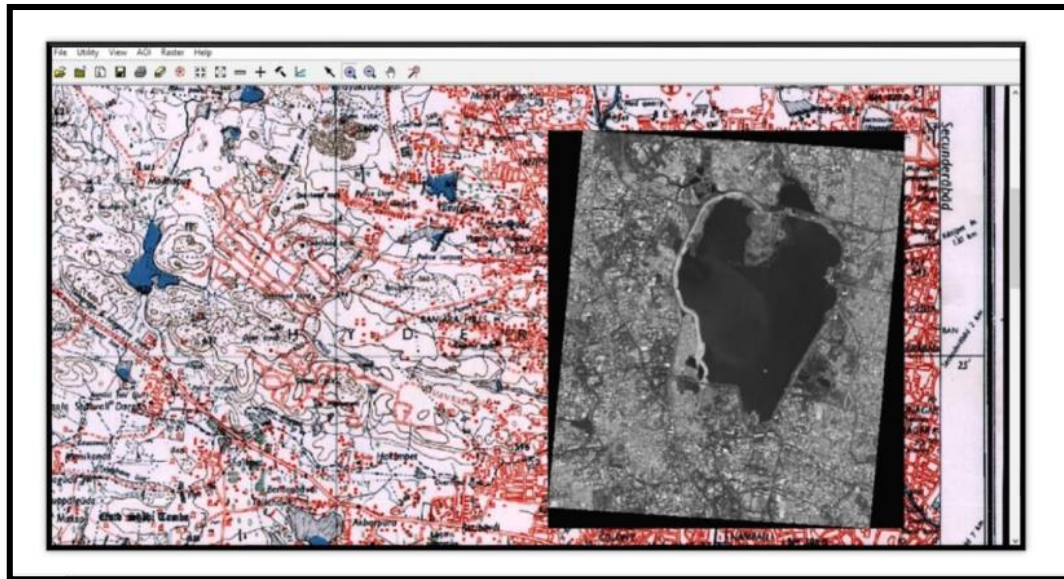

*Image Enhancement Done Using Erdas Software by the Students*

3D Visualization of Satellite Images Using the Software

*Overlay Analysis Done by Students Using the Software*

ArcGIS 10.3

ArcGIS 10.3 is a significant release in Esri's suite of geographic information system (GIS) software, providing users with powerful tools for mapping, analysis and data management.
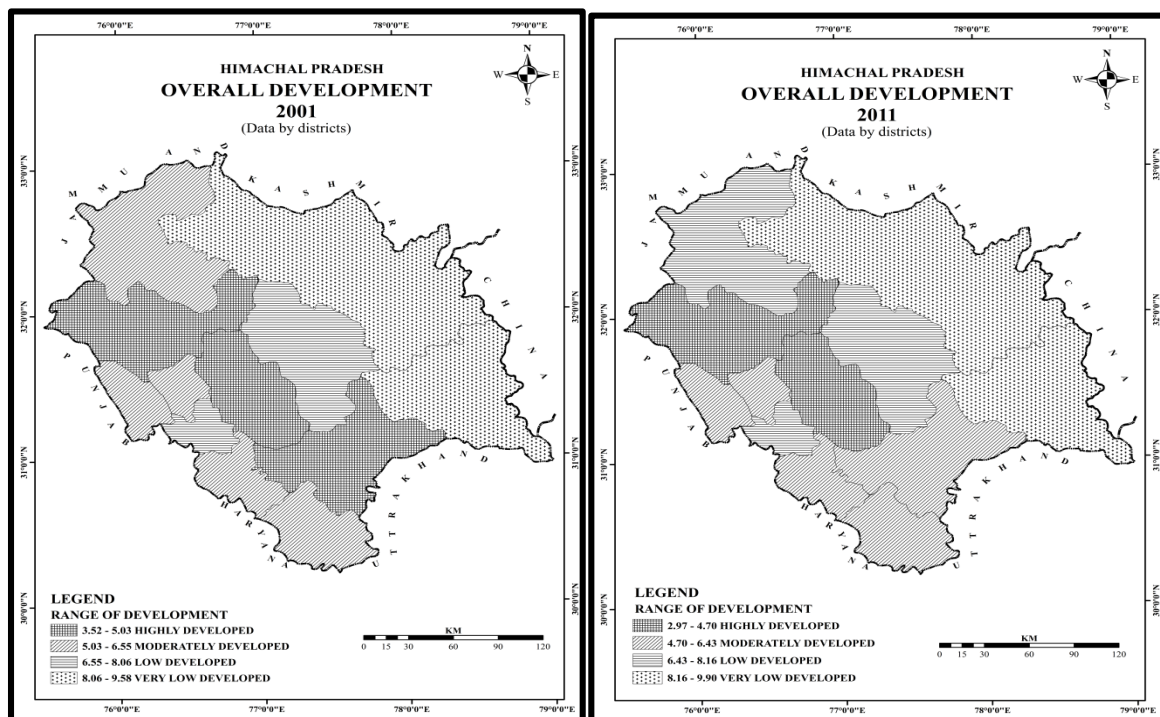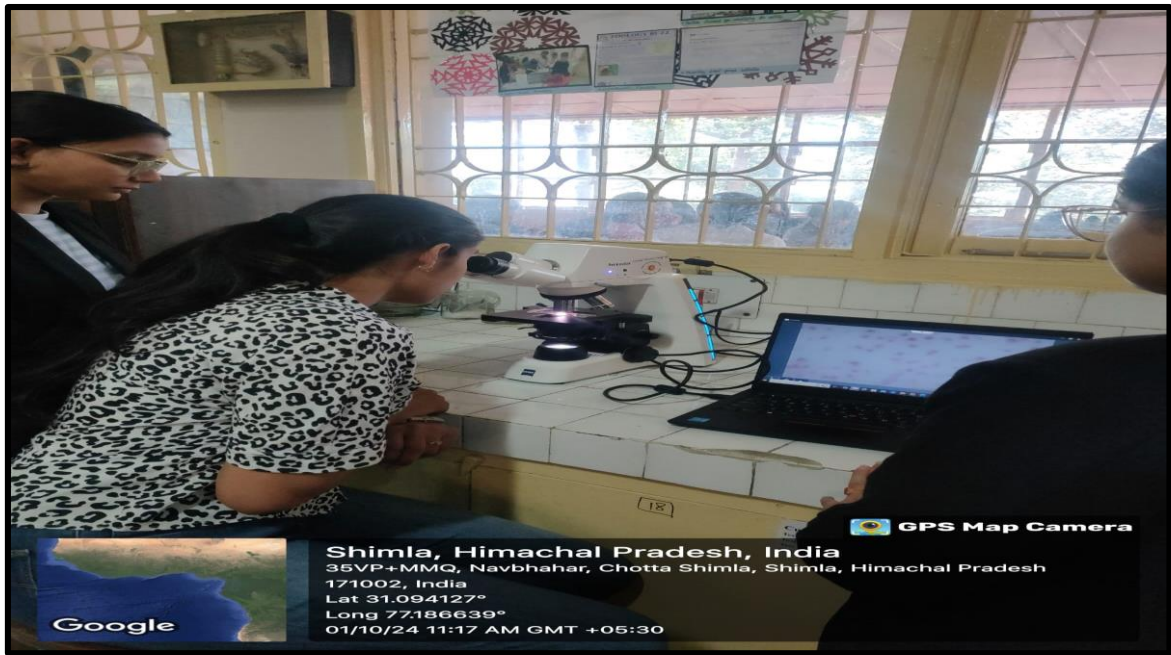

Map Prepared by Students on Arc Gis

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Quantum GIS (QGIS)

QGIS (Quantum GIS) is a powerful, open-source geographic information system that allows users to visualize, analyse, and interpret spatial data. It is widely used in various fields such as urban planning, environmental management and disaster response
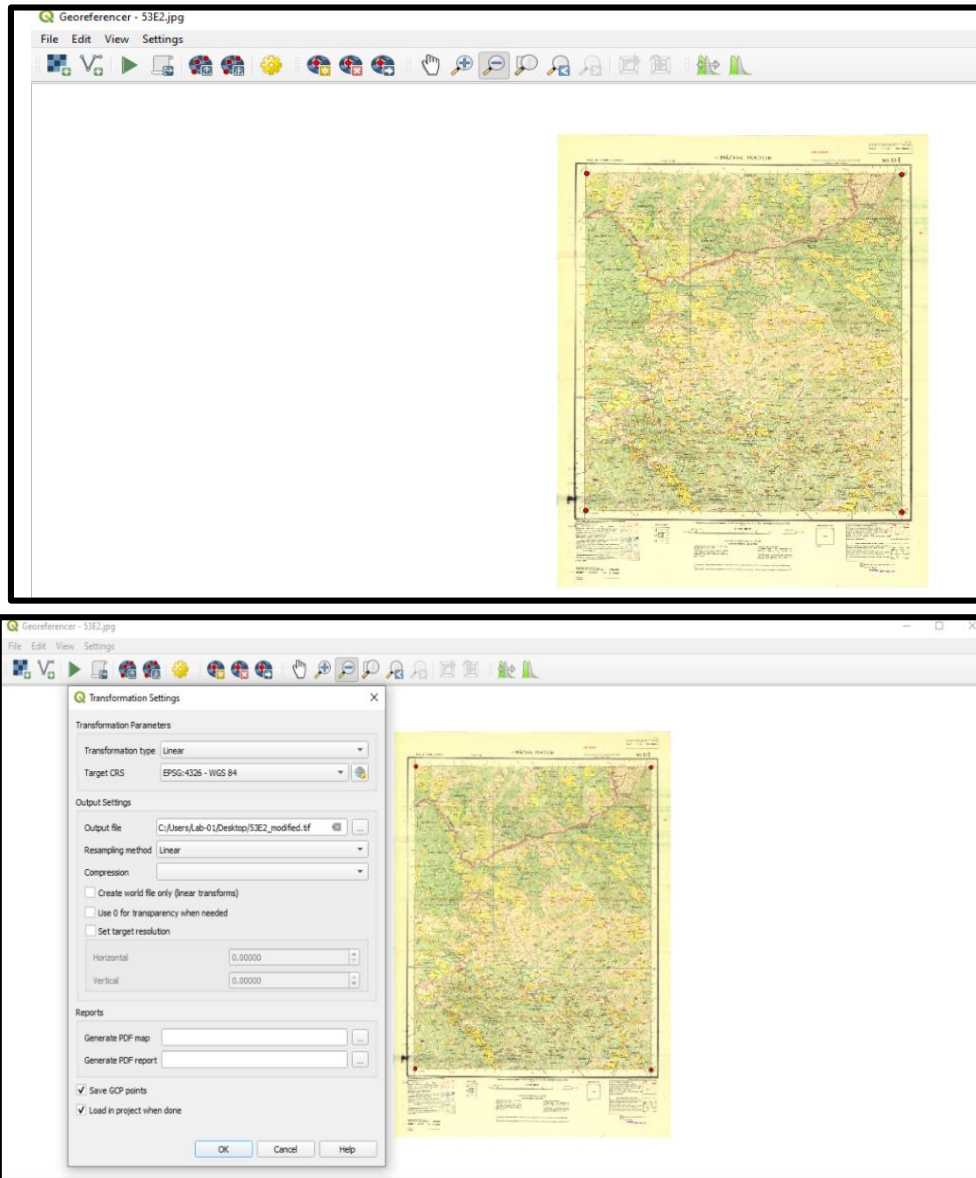
Maps Prepared by the Students on QGIS

ZEISS Microscopy Software Enhances Students Understanding of Cell Types Through Advanced Imaging, Enabling Precise Visualization of Cellular Structures used by Zoology Department

Multi-Sensory Tools like Quizizz for Teaching by Department of Zoology

SPSS Software

Learning Chemsketch Software

Usage of Digital Linguistic for Proficiency in English
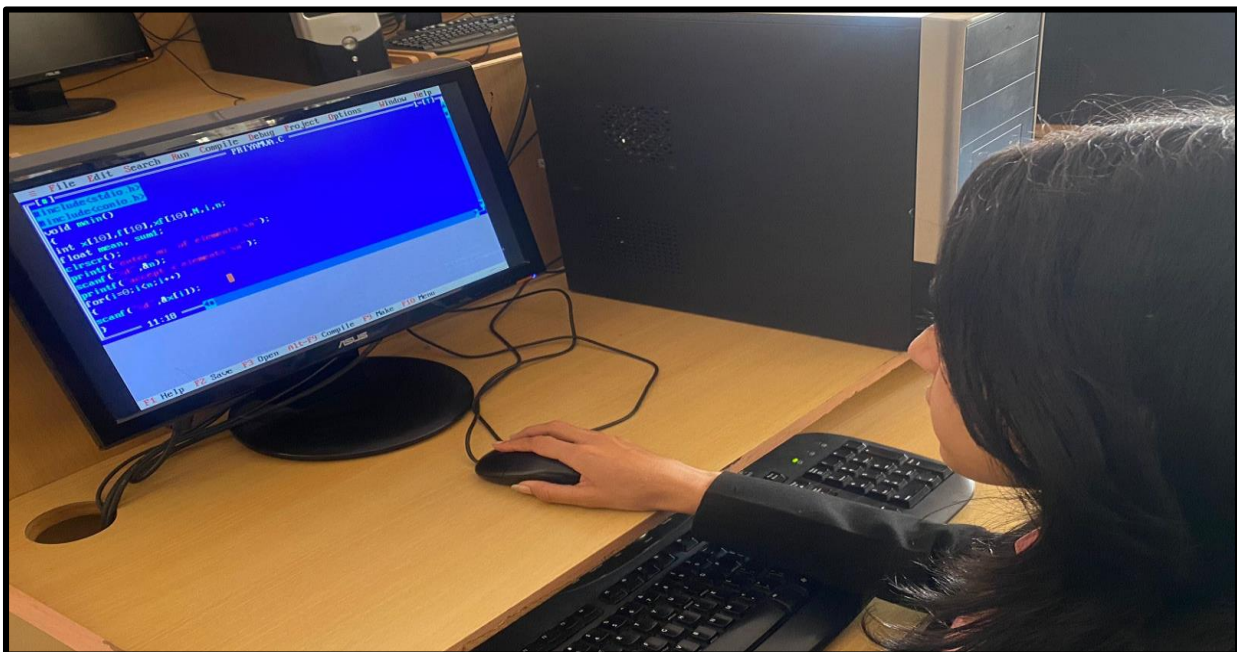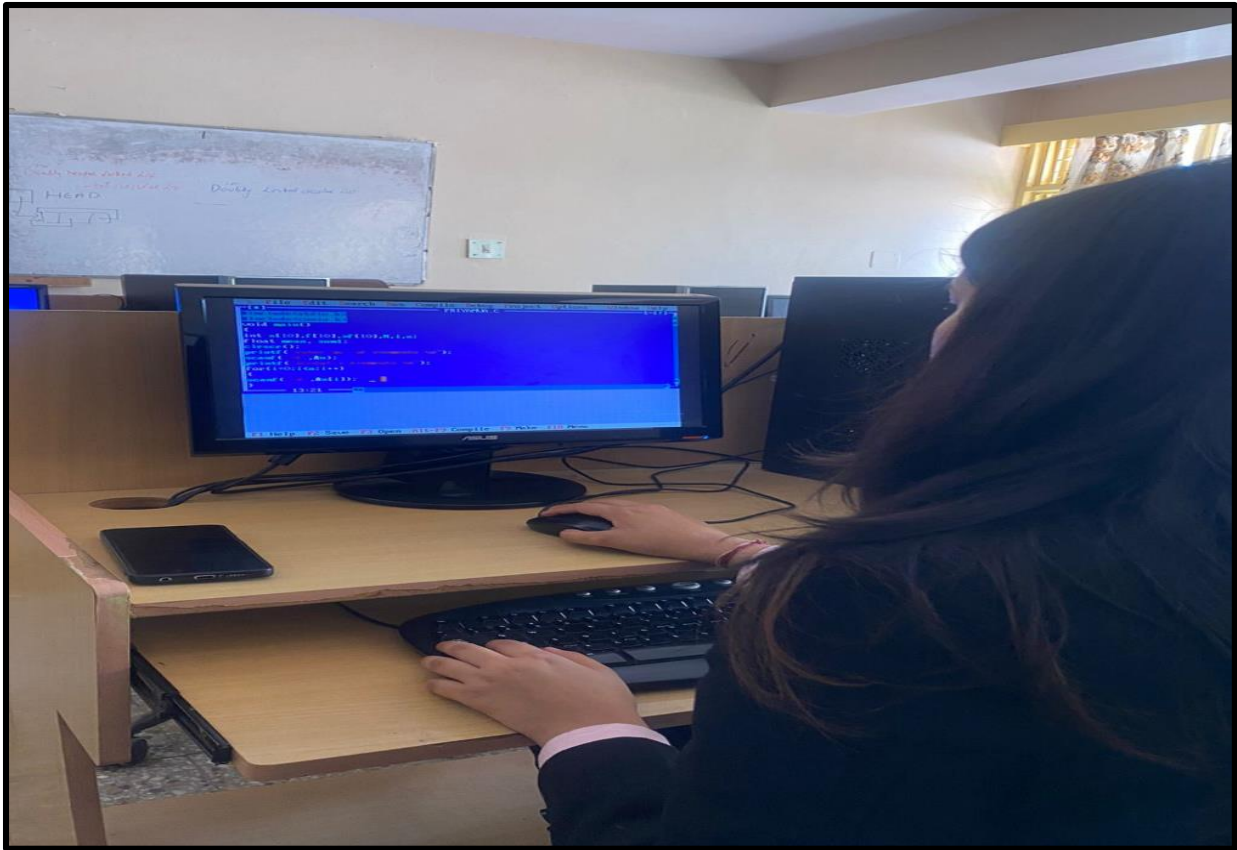
Learning C and C++ Software

```
#navbar-1{
    display: flex;
    justify-content: space-between;
    align-items: center;
    background-color: #f5f5f5;
}
.jordan,#nikelogo:hover{
    cursor: pointer;
}

.margin{
    padding-left: 40px;
    padding-right: 40px;
}
#links a{
    text-decoration: none;
    color: #111;
}
#navbar-2{
    display: flex;
    justify-content: space-between;
    align-items: center;
    padding-top: 10px;
    padding-bottom: 10px;
}
#list a{
    text-decoration: none;
    color: #111;
    margin-left: 10px;
    margin-right: 10px;
    font-size: larger;
}
search bar[type="search"]:focus,
input[type="search"]:focus {
  box-shadow: 0 0 3px 0 gray;
  outline: none;

}
input.search {
  border: 1px solid #555;
  width: 100.5;
```
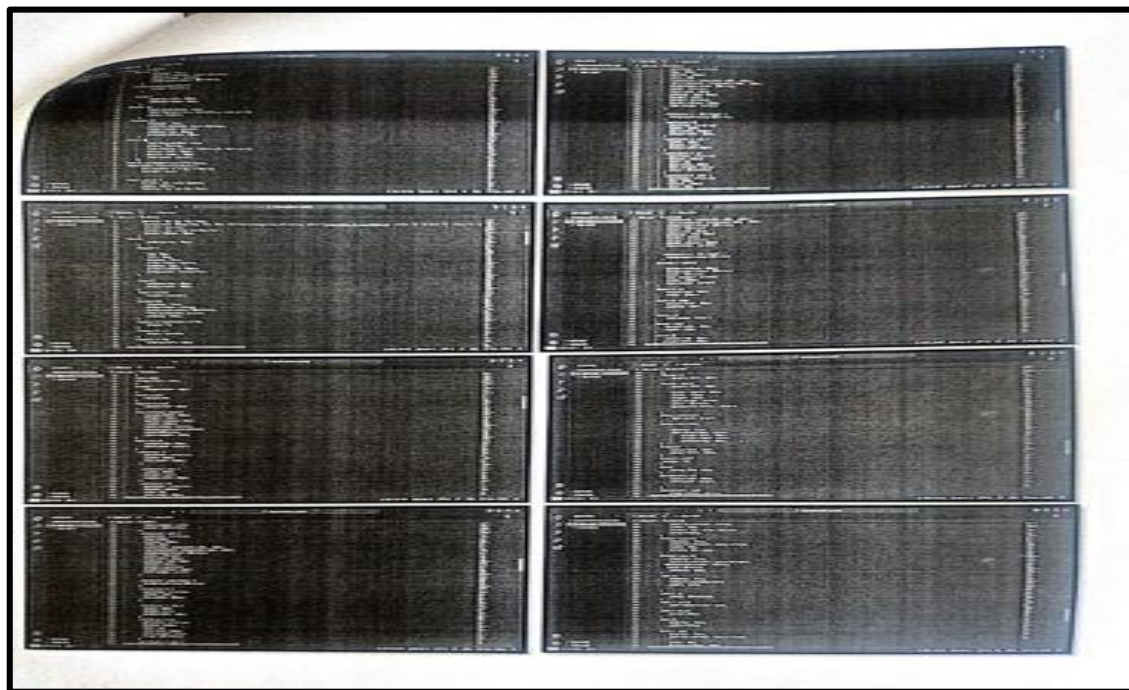

HTML/CSS/JAVASCRIPT: Department of Computer Science

```python
#name- Hardika verma
#class-BCA 2nd year
#project name-to_dolist application
#software used- Google collab python notebook

import os
#create a class TodoListManager
class TodoListManager:
    #def() function used in program to define a function
    #init function used for initialising newly created object
    def __init__(self):
        self.todo_list = []
        self.filename = "todo.txt"

    #loaded file from object self and used if & with statement
    def load_from_file(self):
        if os.path.exists(self.filename):
            #'r' used for reading
            with open(self.filename, "r") as file:
                self.todo_list = [line.strip() for line in file.readlines()]

    def save_to_file(self):
        #'w' used for writing file & for statement used
        with open(self.filename, "w") as file:
            for item in self.todo_list:
                file.write(item + "\n")
            print("TODO List saved to 'todo.txt'.")

    def view_todo_list(self):
        if not self.todo_list:
            print("TODO List is empty!")
        else:
```

```python
if __name__ == "__main__":
    main()
```

```
TODO List Menu:
1. View TODO List
2. Add Item to TODO List
3. Mark Item as Completed
4. Clear Completed Items
5. Exit
Enter your choice: 1
TODO List is empty!

TODO List Menu:
1. View TODO List
2. Add Item to TODO List
3. Mark Item as Completed
4. Clear Completed Items
5. Exit
Enter your choice: 1
TODO List is empty!

TODO List Menu:
1. View TODO List
2. Add Item to TODO List
3. Mark Item as Completed
4. Clear Completed Items
5. Exit
Enter your choice: [            ]
```

Executing (32s) <cell line: 86> > main() > run() > raw_input() > _input_request() > select()

Python: Department of Computer Science

```c
#include<stdio.h>
main()
{
int a,b;
printf("enter first number");
scanf("%d",&a);
printf("enter second number");
scanf("%d",&b);
if(a>b)
  printf("largest number=%d and smallest number=%d\n",a,b);
else
  printf("largest number=%d and smallest number==%d\n",a,b);
return 0;
 }
```

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```
 ≡  File   Edit   Search   Run   Compile   Debug   Project   Options      Window   Help
┌[■]────────────────────────── NONAME01.CPP ──────────────────────────1=[‡]┐
║#include<stdio.h>                                                          ▲
║main()                                                                     ■
║{
║int a,b;
║printf("enter the first number");
║scanf("%d",&a);
║printf("enter the second number");                        ■
║scanf("%d",&b);
║if(a>b)
║goto large;
║else
║goto small;
║large:
║printf("largest number=%d,smallest number=%d",a,b);
║goto end;
║small:
║printf("largest number=%d,smallest number=%d",a,b);
║goto end;
║end:
║printf("\n");                                                              ▼
║}
└──── 21:2 ────◄■▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒►
 F1 Help  Alt-F8 Next Msg  Alt-F7 Prev Msg  Alt-F9 Compile  F9 Make  F10 Menu
```

C- Programing

C++ Programming

Asp.Net

MS Access

Design View

Department of Computer Science

Database Management System

Ques1:

1. Display those employee details those who belong to Kota or Alwar.

Ans1:Select*from EMPL where city in ('kota', 'alwar');

Department of Computer Science

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Question Bank
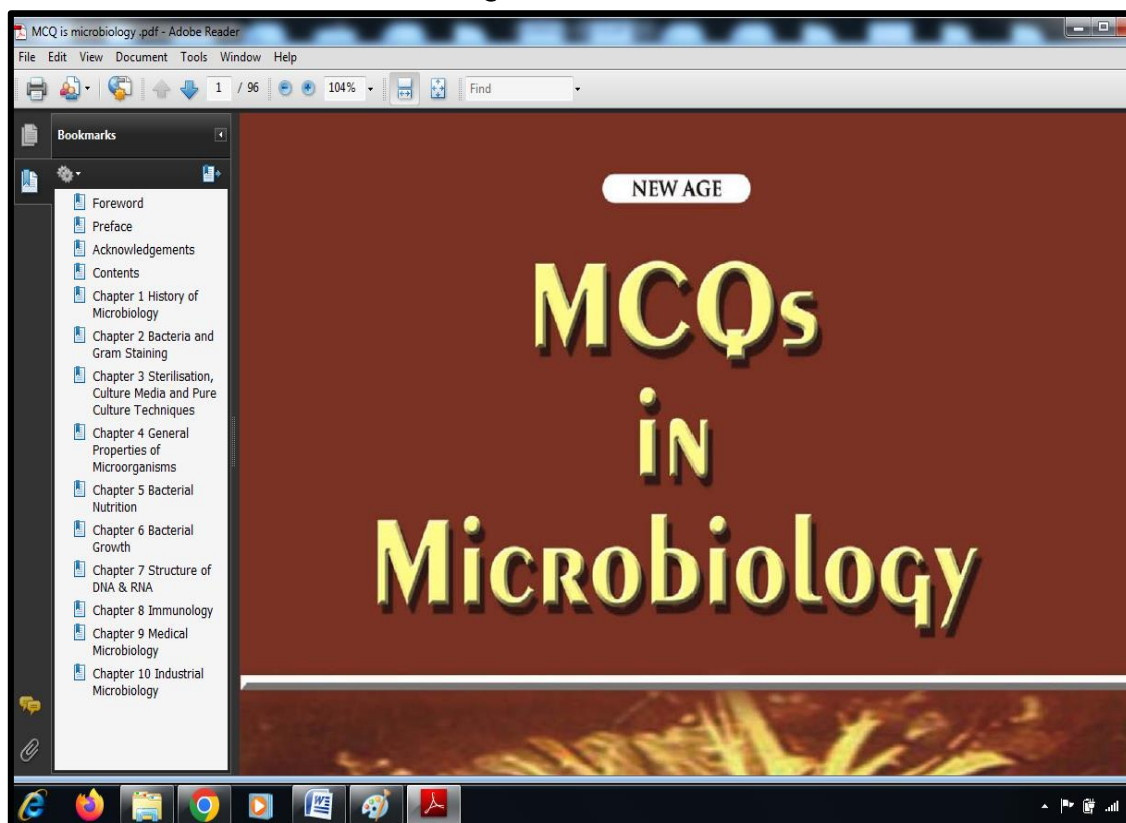
Department of Microbiology

Department of History

QUESTION BANK
OF
PUBLIC FINANCE

Very short answer type questions   (1 mark each)

Q.1 Public economics scope is wider than public finance.   (True/False)

Q.2 Fiscal and monetary policies are now the most important macroeconomic policy instrument.   (True/False)

Fill in the blanks

Q.3 The practice by Governments in which government spends more money than it receives as revenue is referred to as _____

Q.4 Redeemable debt is also called _____ loans.

Q.5 The Securities and Exchange Board of India (SEBI) was established under _____

Q.6 The Finance Commission of India is appointed by _____

Q.7 Business activity in an economy is usually characterized by fluctuations of a nature:

a) Regular

b) Cyclical

c) Irregular

d) Basic

Page 1 / 3   —   ⊕   +

Department of Economics

Department of Political Science

St. bede's College, Shimla

Question Bank
Indian Government and Politics
B.A. I

Short Questions
1. What is Secularism.
2. India is a Secular state. Explain.
3. What are Fundamental Rights?
4. How many Schedules and Parts in Indian Constitution?
5. When was Indian Constitution Adopted?
6. What are DPSP?
7. Who appoints the Prime Minister?
8. What is the theory of class struggle of Karl Marx?
9. What are Political Parties?
10. What are Pressure Groups?
11. What is Feminist Movement?
12. What is Planned Development?

Page 1 / 2   —   ⊕   +

Political Science Department

इकाई -1

1. समाचार का अर्थ स्पष्ट करते हुए, समाचार के तत्वों ,विशेषताओं पर प्रकाश डालिए।

2. समाचार के विभिन्न स्त्रोतों का विवरणात्मक परिचय दीजिए।

3. समाचार मूल्य पर विस्तृत चर्चा कीजिए।

4. समाचार संकलन क्या है? समाचार 'संग्रह पद्धति' पर प्रकाश डालिए।

5. समाचार लेखन की प्रक्रिया का विवेचन कीजिए।

6. समाचार लेखन में विकासशील और जनरुचि की दृष्टियों पर प्रकाश डालिए।

इकाई -2

1. समाचार संकलन में संवाददाता की भूमिका, अर्हताएं, श्रेणियां और प्रकार्यों पर प्रकाश डालिए।

2. रिपोर्टिंग क्या है ? रिपोर्टिंग के विभिन्न प्रकारों की चर्चा कीजिए।

3. राजनीति पत्रकारिता का आशय स्पष्ट कीजिये। एक राजनीति पत्रकार में किन गुणों का समावेश होना चाहिए ?

Department of Hindi

Roll No. ....

Total No. of Questions : 6]   [Total No. of Printed Pages : 7

(2033)

UG (CBCS) IIIrd Year Annual Examination

2522

B.A. PSYCHOLOGY (HONS.)
(Community Psychology)
(DSC)–14
Paper : BAPSYCHA320TH

Time : 3 Hours]   [Maximum Marks : 70

Note :– Attempt all questions as per directions.
निर्देशानुसार सभी प्रश्नों के उत्तर दीजिए।

Part–A

Section–I

(Objective Type Questions)

Note : Attempt all the questions :

1. (i) Community Psychology is interdisciplinary.
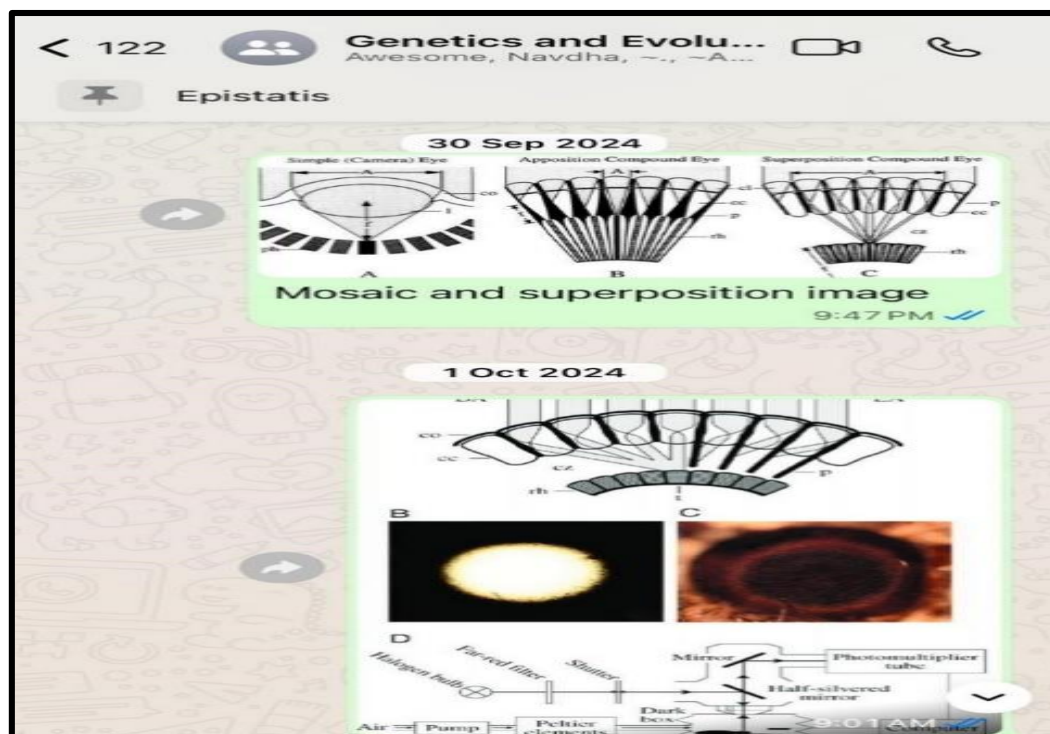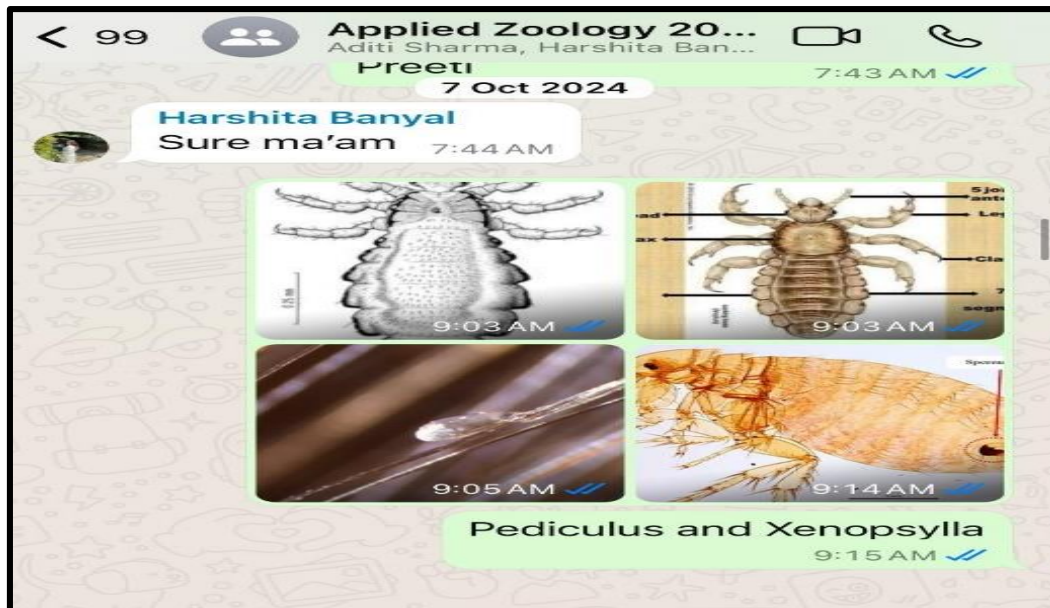
    (a) True

    (b) False

CA–722   (1)   Turn Over

Department of Psychology

Hybrid Learning
Taking queries of students through WhatsApp groups

Department of Zoology

Students Can Have Anytime, Anywhere Access of Specimens and Slides Through Mobile Learning

Department of Chemistry Teachers Answering the Queries from Students Through Whatsapp

Sharing of Study Material on MS Teams

Department of Zoology

Department of Botany

Virtual Skill Labs

Department of Physics

Department of Physics

Resource Centre

Computer Lab-1
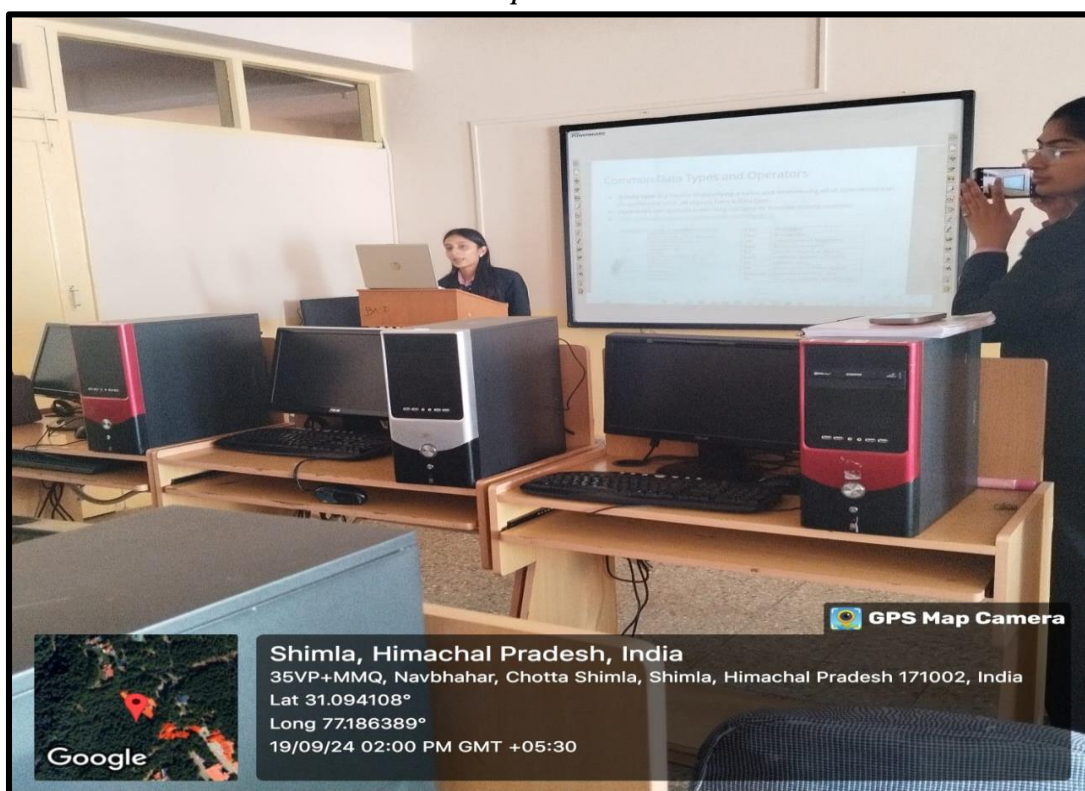
Computer Lab-2

COE Lab

Admission/Examination Software
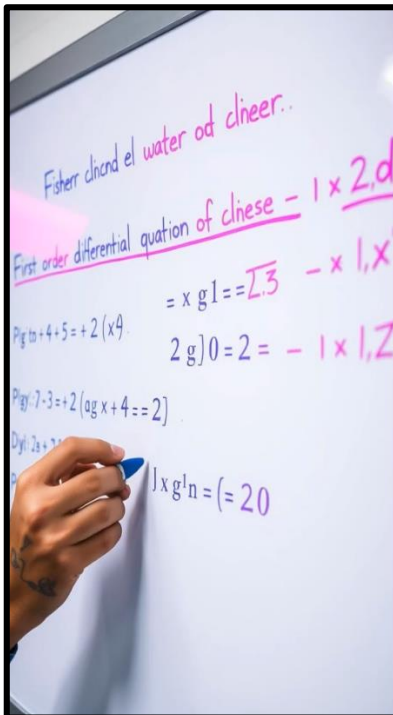

Admission Software

Examination Software

Library e-resources

ICT Enabled Pedagogy

Teachers Attending FDP on Python to Enhance Digital and Analytical Skills

Video and Animation

Video Making Competition on the Eve of National Mathematics Day