

ICT ENABLED TOOLS 2022-2023

DEPARTMENT OF ENGLISH

Report format of Students centric method of teaching learning

Organising Department: ENGLISH

Academic Session: 2022-2023

Report on ICT

Type of the Activity: ICT

Objective of the Event

I) To support, enhance, and optimize the delivery of information.

II) To use appropriate technology

III) To improve teaching and learning experience

Date: 5.12.22, 25.4.23, 21.12.2022, 11.05, 23, 29.4.23, 11.5.23, 24.4.23 Time of the Event: 9.45-4pm (ICT classes were conducted as per routine. Samples of such documents have been provided)

Number of attendees: (a) Student : All Students of all Semesters as per routine

(b) Teacher: All teachers of the Department of English

Venue: NB14 and NB10

Outcome:

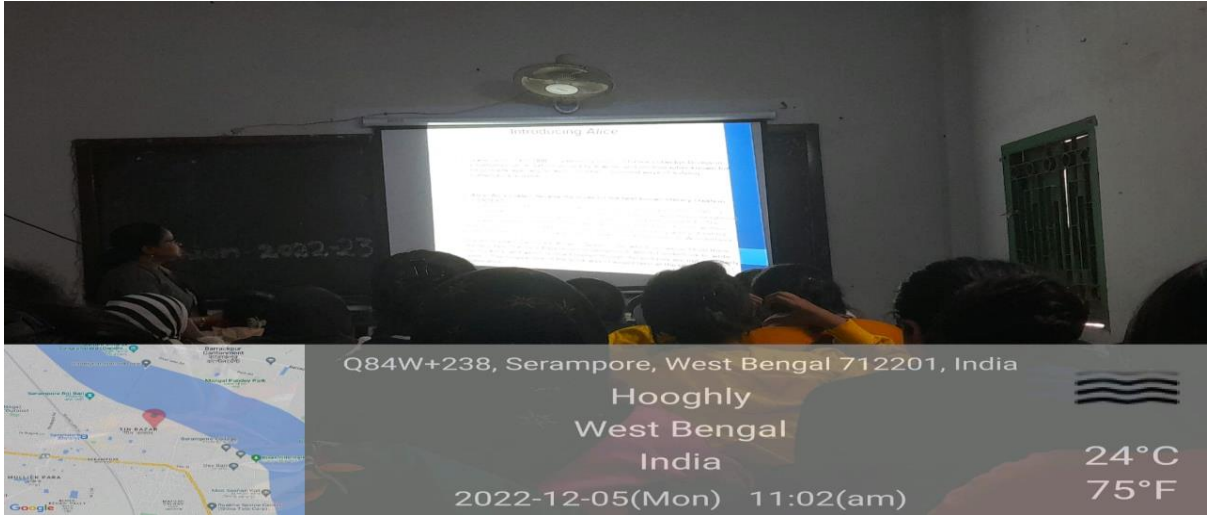
- The teaching learning process was more engaging and interesting
- With the use of technology, teachers created more interactive and engaging sessions that cater to different learning styles.
- Student centric and more effective

DEPARTMENT OF ENGLISH

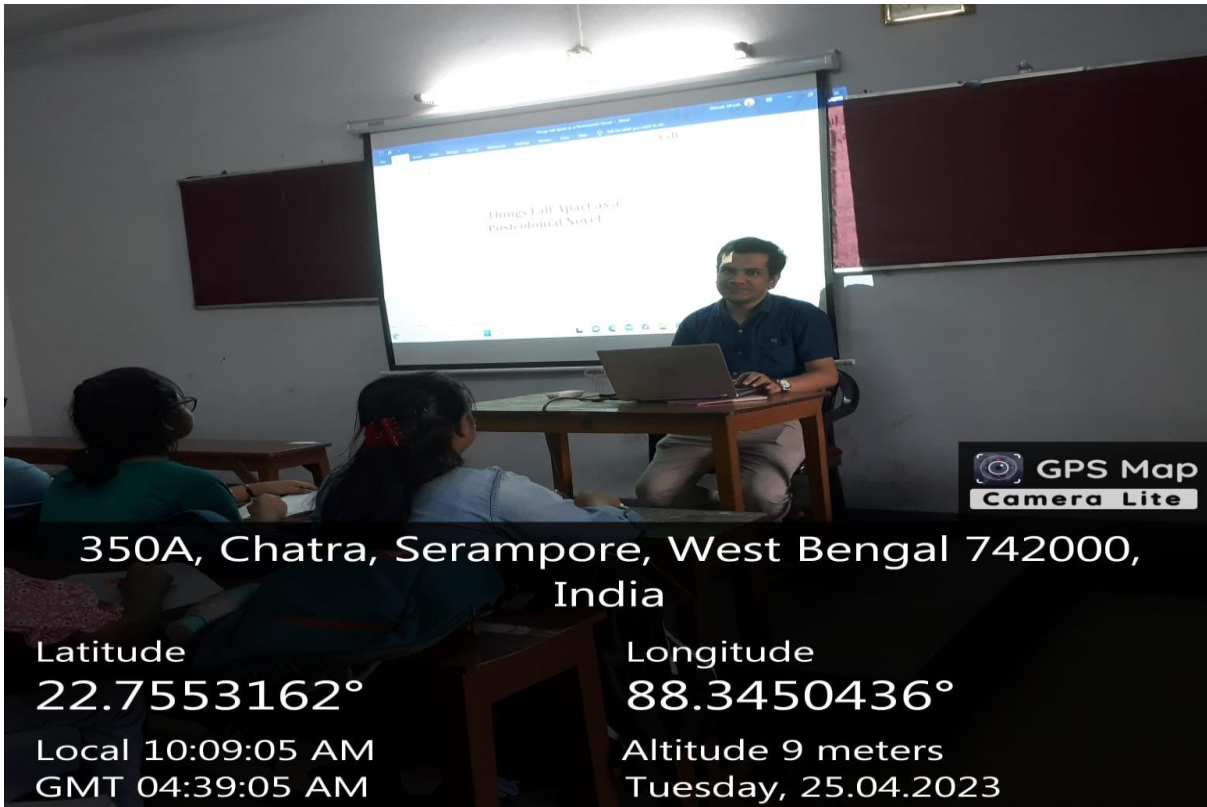
2022-23

USE OF ICT FOR TEACHING LEARNING PROCESS

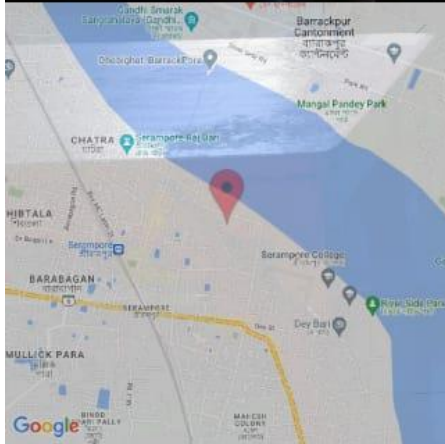
ICT class for Semester 4 English Hons students on 05.12.2022



ICT class for Semester 6 English Hons students on 25.04.2023



ICT class for Semester 3 English Hons students on 21.12.2022



350E, Chatra, Serampore, West Bengal 742000,

Hooghly
West Bengal
India

2022-12-21(Wed) 12:24(pm)

Students using ICT for Paper Presentation in Students' Seminar



ICT tools used by Students for PPT Presentation on English Language Day Celebration(29.4.2023)



329D, Chatra, Serampore, West Bengal 742000, India

Hooghly

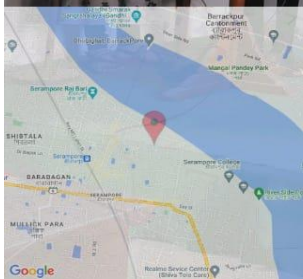
West Bengal

India

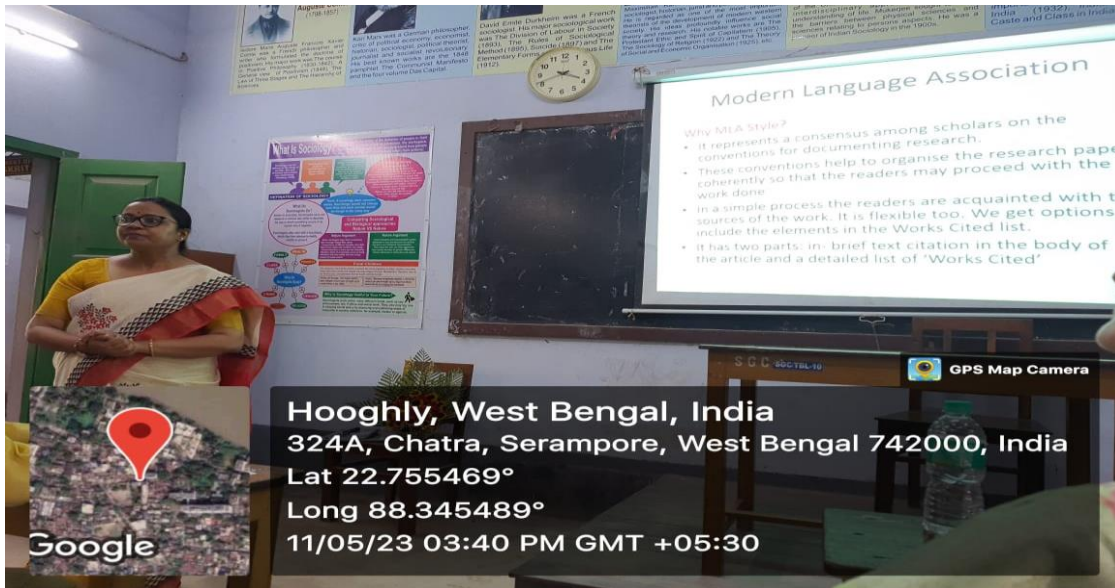
36°C

2023-04-29(Sat) 01:40(pm)

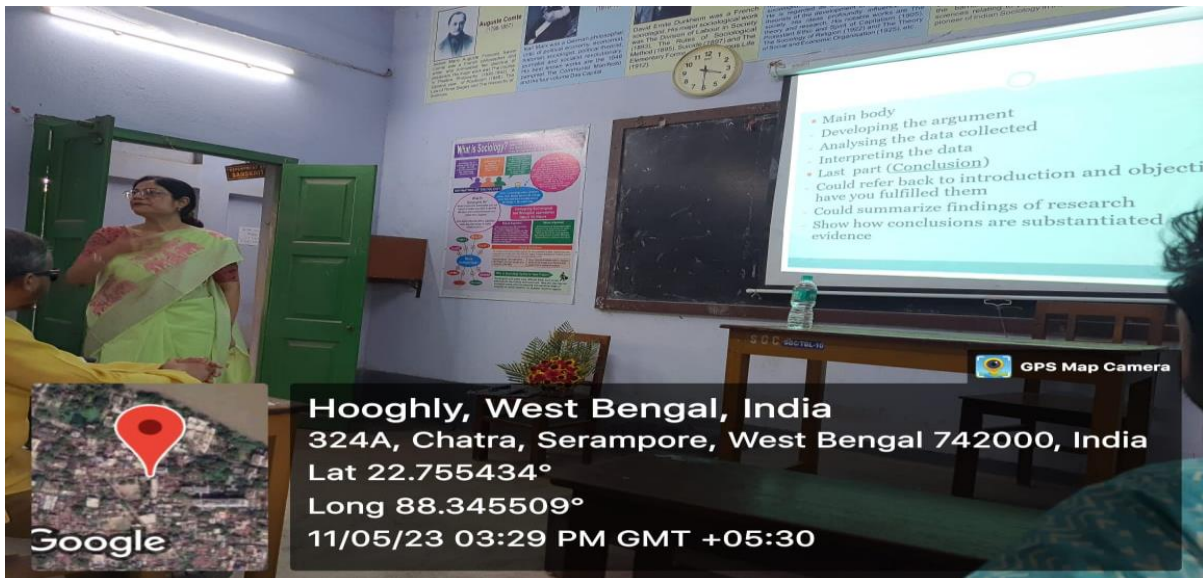
97°F



ICT used for Seminars on Research Methodology on 11.5.2023



ICT used for Seminars on Research Methodology and Extension Lecture on 11.5.2023



DEPARTMENT OF SANSKRIT

SERAMPORE GIRLS' COLLEGE

ORGANISING DEPARTMENT: SANSKRIT

ACCADEMIC SESSION: 2022-23

REPORT ON ICT CLASS

TYPE OF ACTIVITY: ICT CLASS

SEMESTER – 2nd

OBJECTIVE OF THE EVENT – These classes were mainly conducted to teach the students simple small conversations in Sanskrit. Which helps the students to overcome their fear of Sanskrit language and learn it with pleasure.

DATE- SEM2- 14.12.22(11.45-1.00)

20.12.22(11.45-12.45)

22.12.22(9.45-12.00)

05.01.23(10.45-11.45)

NO OF ATTENDENCE -Students – SEM2-10

Teacher- 1(KABERY HOSSAIN)

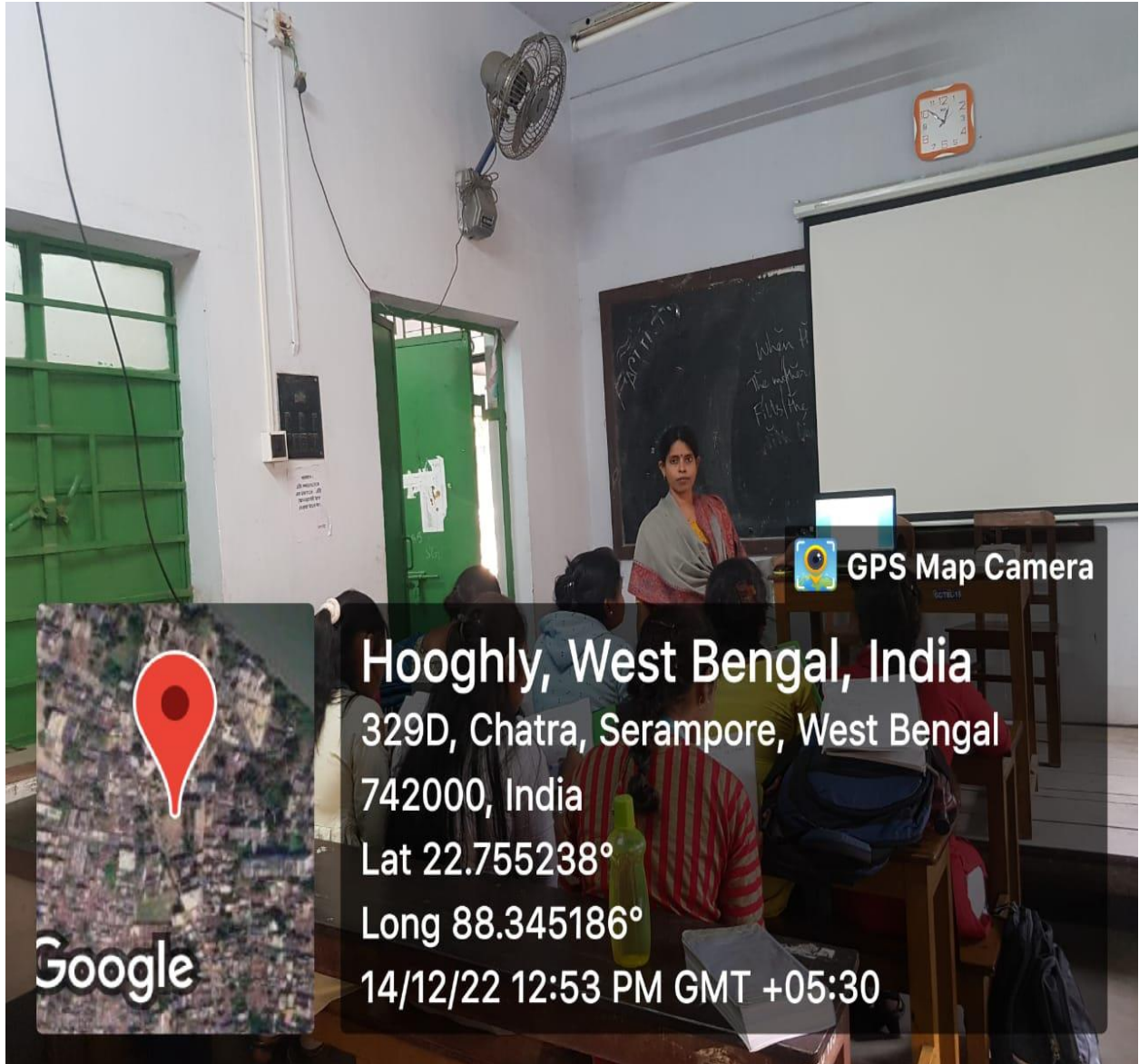
VENUE – Serampore Girls' College,N.B-5

COURSE OUTCOME – This is a document that presents data in an easy to read , professional format and also inspired students.

ICT CLASS TAKEN BY KABERY HOSSAIN

SEMESTER- 2ND

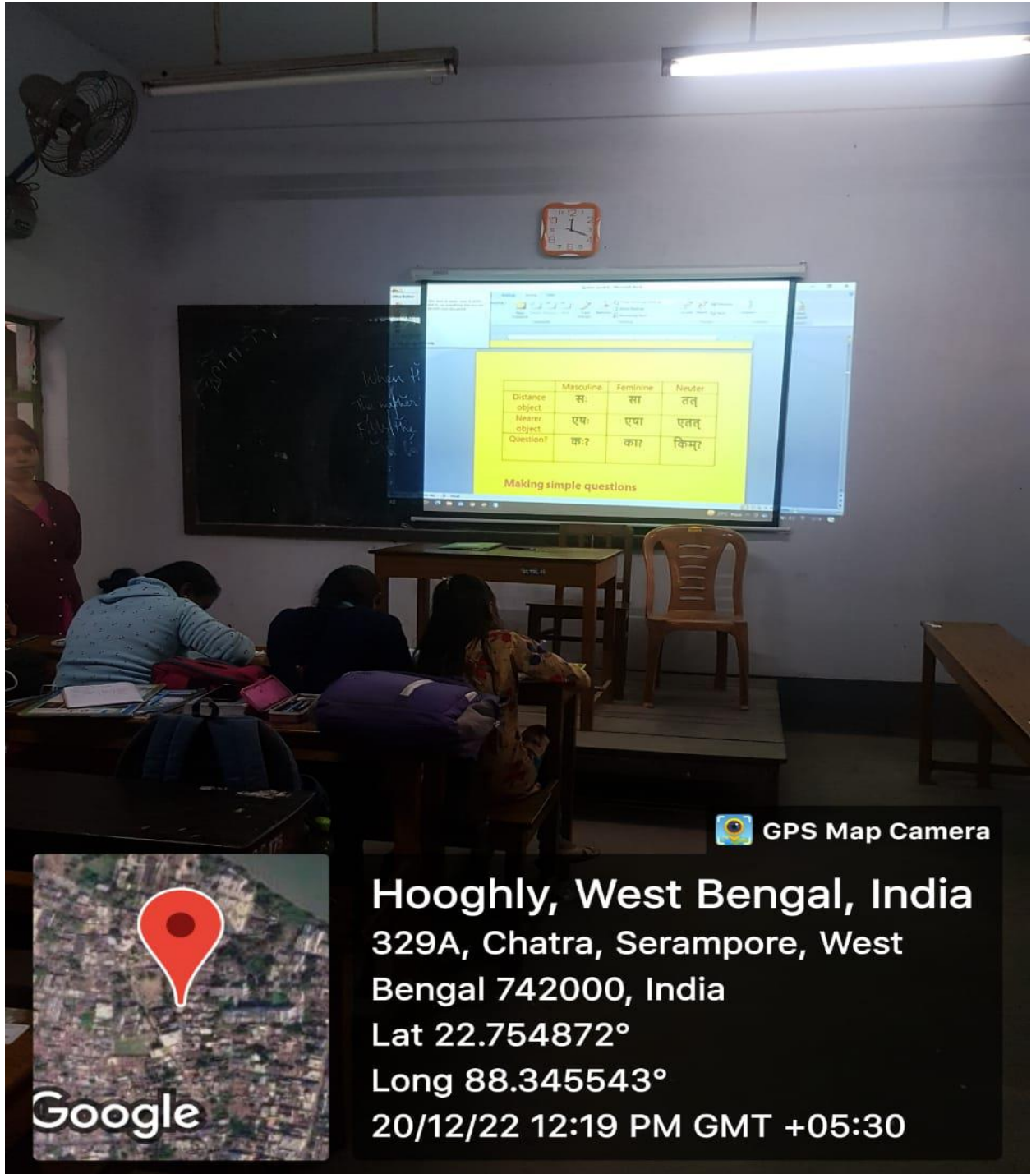
DATE-14.12.22



ICT CLASS TAKEN BY KABERY HOSSAIN

SEMESTER- 2ND

DATE-20.12.22



Soma Roy
Principal
Serampore Girls' College
Serampore, Hooghly

ICT CLASS TAKEN BY KABERY HOSSAIN

SEMESTER- 2ND

DATE-22.12.22



 GPS Map Camera



Hooghly, West Bengal, India

**329A, Chatra, Serampore, West
Bengal 742000, India**

Lat 22.754917°

Long 88.345499°

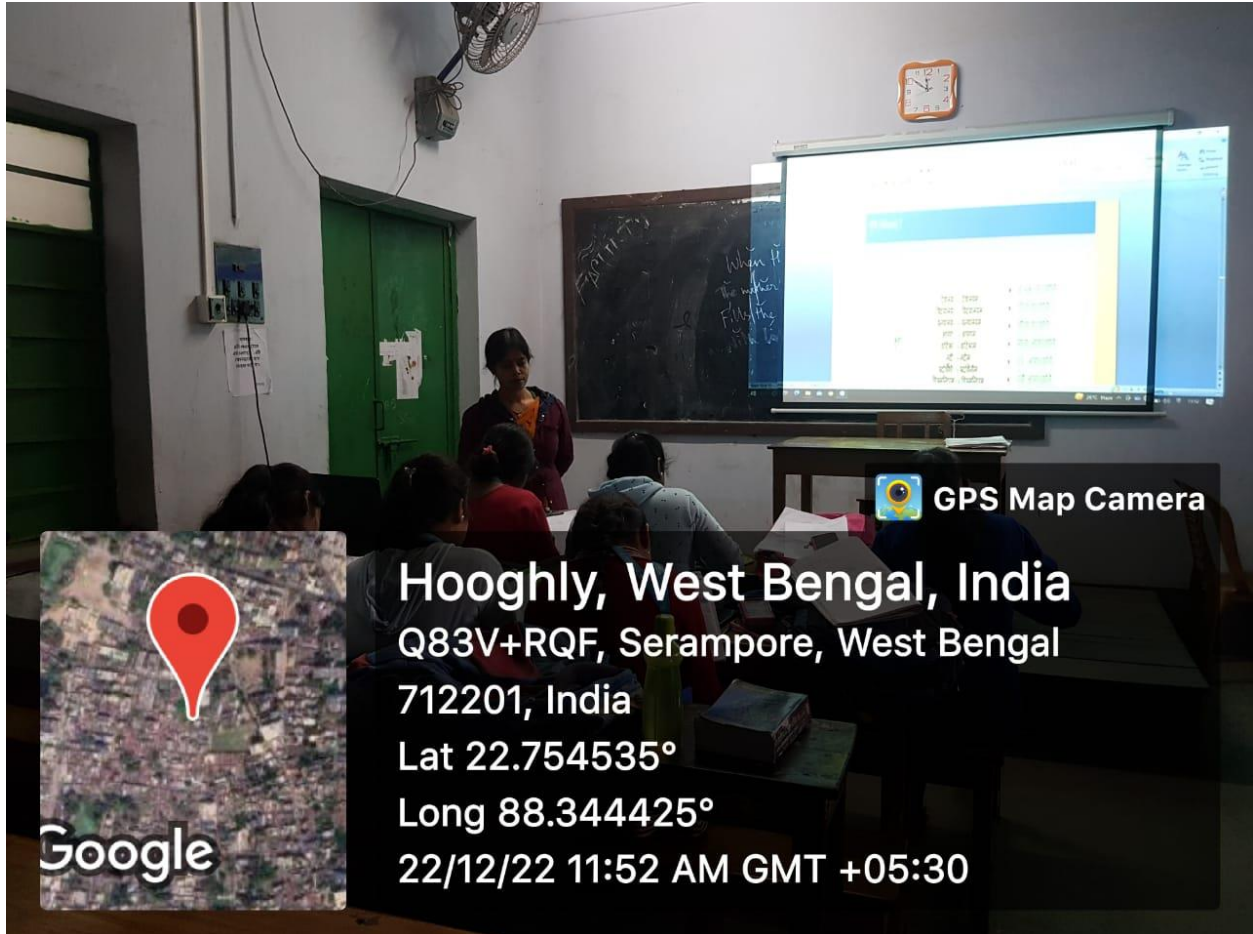
22/12/22 10:36 AM GMT +05:30

Soma Roy
Principal
Serampore Girls' College
Serampore, Hooghly

ICT CLASS TAKEN BY KABERY HOSSAIN

SEMESTER- 2ND

DATE-22.12.22

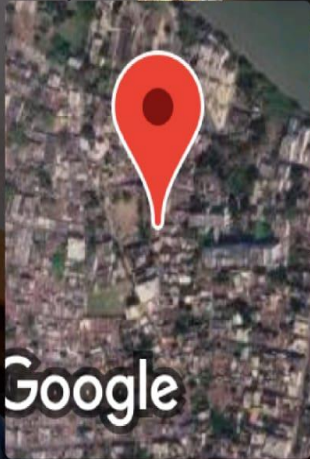
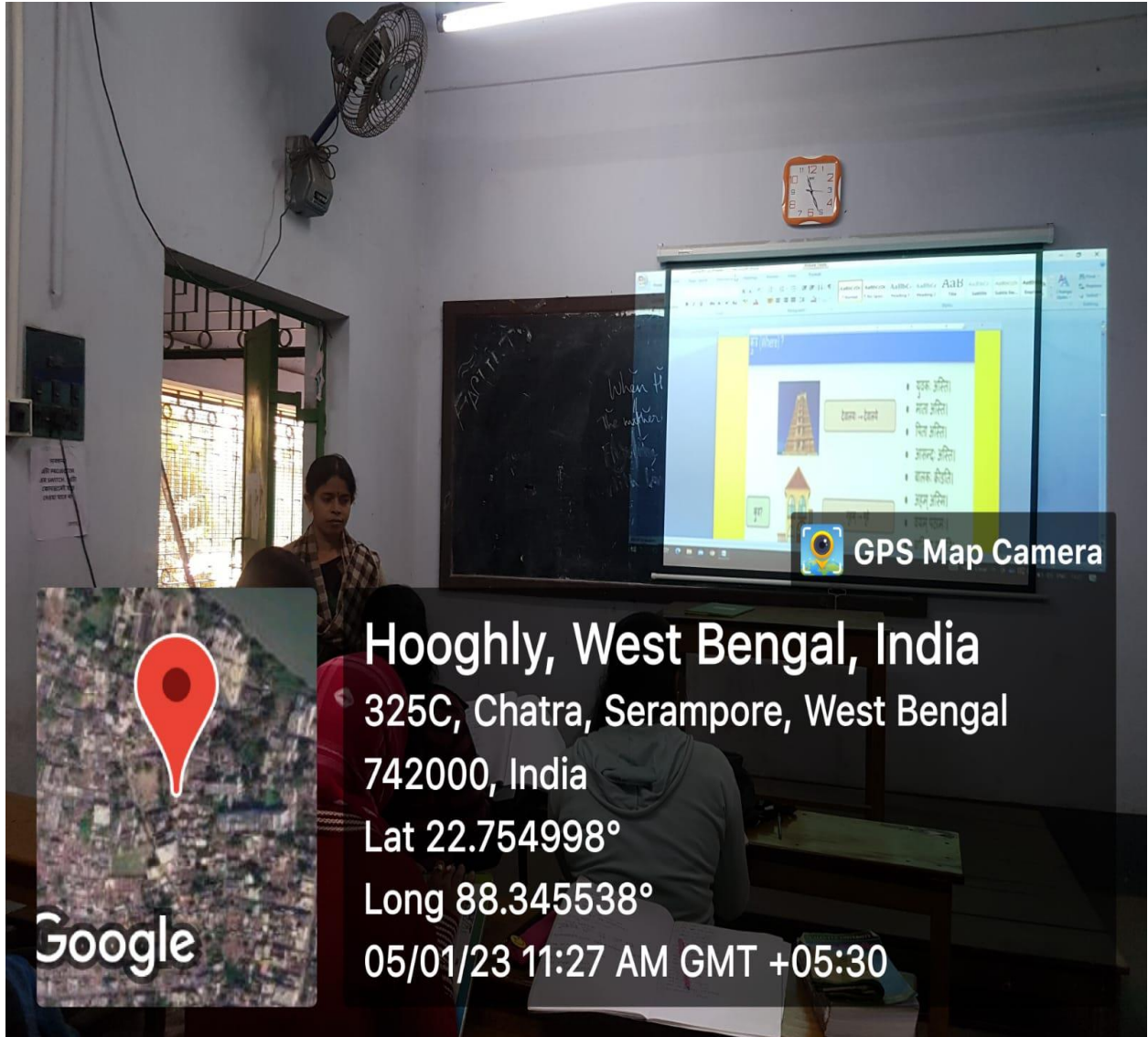


Soma Roy
Principal
Serampore Girls' College
Serampore, Hooghly

ICT CLASS TAKEN BY KABERY HOSSAIN

SEMESTER- 2ND

DATE-05.01.23



Hooghly, West Bengal, India

325C, Chatra, Serampore, West Bengal

742000, India

Lat 22.754998°

Long 88.345538°

05/01/23 11:27 AM GMT +05:30

DEPARTMENT OF SOCIOLOGY

SERAMPORE GIRLS' COLLEGE

(Estd. : 1981)

Department of SOCIOLOGY

13, T. C. GOSWAMI STREET, SERAMPORE, HOOGHLY. PIN-712 201, WEST BENGAL.

Ref. No.

Report on Project / Dissertation

Date.....

Organising Department: Sociology

Academic Session: 2022 - 2023

Report on Project/Dissertation

Type of the Activity: Experiential

6th-semester Students have done Projects to meet their syllabus requirements. They have undertaken several individual topics for their projects. The topics are mainly based on various social issues, such as Child Labour, the Impact of Divorce on Children, the Socio-economic Status of Vegetable vendors etc.

Date: From 25.04.2023 to 27.05.2023

objectives of the Event

- To the fulfillment of the partial requirement of the syllabus
- To understand the sociological research methodology with their first-hand experiences.
- To know society in a better way.

Number of attendees: (a) Students: 37 (6th Semester)

(b) Teacher: Mr. Sarojit Kapasi

Outcome/Feedback

- Students could meet their syllabus requirements.
- Students could understand society and social problems in a better way.
- Students could understand various steps of the Research Methodology in a better way.

Aritra Ghosh
Head of the Department
Department of Sociology

REPORT ON PROJECT SUBMISSION

Soma Roy
Principal
Serampore Girls' College
Serampore, Hooghly

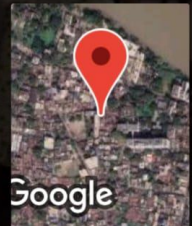
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✓ 25	20466	PRITI ROY	202614-12-0238	614-1212-0448-20		13	Priti Roy
✓ 26	20467	PRITI SANTRA	202614-12-0014	614-1211-0353-20		13	Priti Santra
✓ 27	20468	PRITIKA BARMAN	202614-12-0255	614-1212-0544-20		12	Pritika Barman
✓ 28	20470	PRIYA BAR	202614-12-0177	614-1211-0585-20		14	Priyanka Das
✓ 29	20477	PRIYANKA DAS	202614-12-0231	614-1212-0397-20		13	Purnam Shaw
✓ 30	20485	PUNAM SHAW	202614-12-0052	614-1211-0409-20			
✓ 31	20495	RIMPA KOLEY	202614-12-0109	614-1211-0490-20			
✓ 32	20499	RINKU DAS	202614-12-0044	614-1211-0398-20		14	Riya Dutta
✓ 33	20505	RIYA DUTTA	202614-12-0001	614-1211-0338-20		12	Sahana Das
✓ 34	20518	SABINA YASMIN	202614-12-0157	614-1211-0558-20		12	Sahana Parvin Das
✓ 35	20521	SAHANAZ PARVIN GAZI	202614-12-0190	614-1211-0601-20		17	Sahana Parvin Das
✓ 36	20524	SAIMA TAZEIN	202614-12-0162	614-1211-0563-20		11	Saima Khatun
✓ 37	20526	SAMINA KHATUN	202614-12-0143	614-1211-0539-20		12	Sampreeti Barik
✓ 38	20527	SAMPREETY BARIK	202614-12-0012	614-1211-0351-20		12	Sharmila Sarkar
✓ 39	20544	SHARMILA SARKAR	202614-12-0317	614-1211-0683-20		12	Shila Patra
✓ 40	20545	SHILA PATRA	202614-12-0230	614-1212-0386-20		12	Shreya Das
✓ 41	20550	SHREYA DAS	202614-12-0072	614-1211-0434-20			
✓ 42	20553	SIYA DHARA	202614-12-0029	614-1211-0379-20		14	Sohani Shaw
✓ 43	20555	SOHANI SHAW	202614-12-0073	614-1211-0364-20			
✓ 44	20556	SOLANKI DE	202614-12-0313	614-1211-0593-20		11	Sonali Shaw
✓ 45	20558	SONALI SHAW	202614-12-0059	614-1211-0417-20			
✓ 46	20559	SONI SINGH	202614-12-0113	614-1211-0494-20			
✓ 47	20563	SRABANI MALIK	202614-12-0228	614-1212-0378-20			

sl	roll	name	cu roll	cu reg	marks	mobile	signature
✓ 24	20464	PRITI GANGULY	202614-12-0018	614-1211-0357-20		14	Priti Ganguly
✓ 25	20466	PRITI ROY	202614-12-0238	614-1212-0448-20		13	Priti Roy
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✓ 33	20505	RIYA DUTTA	202614-12-0001	614-1211-0338-20		12	Sahana Das
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✓ 35	20521	SAHANAZ PARVIN GAZI	202614-12-0190	614-1211-0601-20		17	Sahana Parvin Das
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✓ 44	20556	SOLANKI DE	202614-12-0313	614-1211-0593-20		11	Sonali Shaw
✓ 45	20558	SONALI SHAW	202614-12-0059	614-1211-0417-20			
✓ 46	20559	SONI SINGH	202614-12-0113	614-1211-0494-20			
✓ 47	20563	SRABANI MALIK	202614-12-0228	614-1212-0378-20			

• Submission Sheet of Dissertation_Sem VI



GPS Map Camera



Dakshin Rajyadharpur, West Bengal, India
2/1, Parsi lane Silbagan, Serampore, Dakshin Rajyadharpur,
West Bengal 712201, India
Lat 22.755347°
Long 88.345655°
17/05/23 12:06 PM GMT +05:30

Sem VI Students' Presentation of their Dissertations on 17.05.23.

STUDENT SEMINAR USING ICT

SERAMPORE GIRLS' COLLEGE

(Estd. : 1981)

Department of SOCIOLOGY

13, T. C. GOSWAMI STREET, SERAMPORE, HOOGHLY. PIN-712 201, WEST BENGAL.

Ref. No.

Date: 17.05.23

Report of Students' Seminar

Organising Department: Sociology

Academic Session: 2022 - 2023

Report on Students' Seminar

Type of the Activity: Participatory

Students' seminar were organised on 17/05/2023 at 1 P.M in room no. VB - 1. 6th semester Students were present there. 37 students divided in 7 groups and presented their paper through PPT. The topics chosen were from the various sociological issues in their syllabus. This session was followed by an interactive session.

Objective of the Event

- To identify practical learning skills and concepts that will promote students' academic success.
- To encourage students to explore the connection between university study and life enrichment, lifelong learning and civic responsibility
- To discuss different issues and concepts through inactive method.

Date: 17/5/2023 Time of the Event: 1 P.M

Number of attendees: (a) Student (mention semester): 37 (6th Semester)

(b) Teacher: Mr. Sarojit Kapasi & Dr. Aritra Ghosh

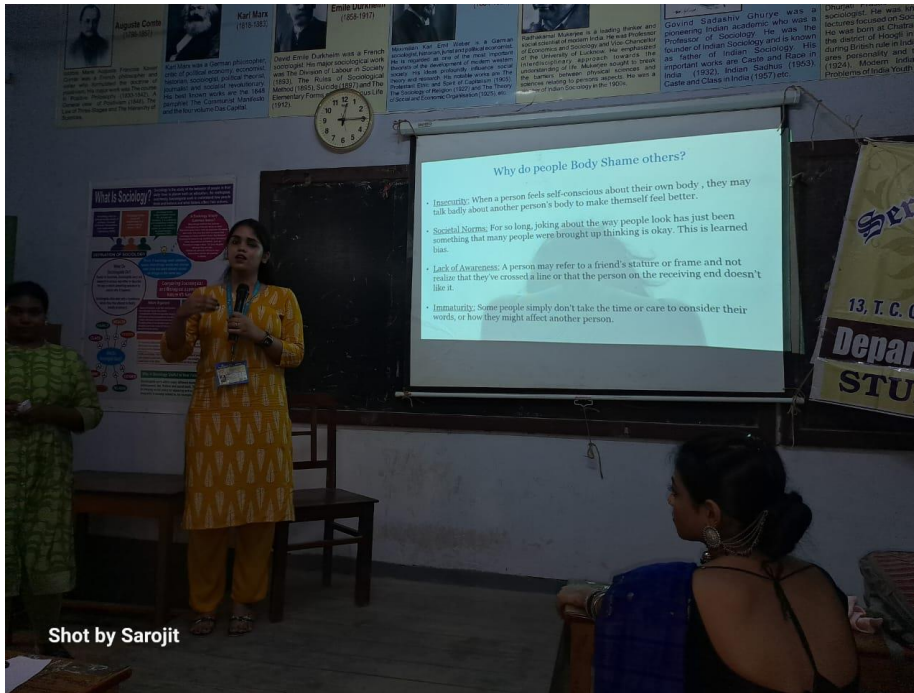
Venue: VB 1

Outcome/Feedback

- The students worked hard to focus on various aspects of their course.
- They were provided a forum to speak in their own way confidently.
- They developed better understanding on the topic through active engagement.
- The seminar also helped in clearing out further doubts with reference to various topics related to syllabus.
- Through the seminars the students were able to prepare better for university exams.

Aritra Ghosh
Head of the Department
Department of Sociology

Soma Roy
Principal
Serampore Girls' College
Serampore, Hooghly



Shot by Sarojit

Sem 6 Students' Seminar on 17.05.23

REPORT ON ICT CLASSES

SERAMPORE GIRLS' COLLEGE

(Estd. : 1981)

Department of SOCIOLOGY

13, T. C. GOSWAMI STREET, SERAMPORE, HOOGHLY. PIN-712 201, WEST BENGAL.

Ref. No.

Date. 30.5.23.

Report on ICT Classes

Organising Department: Sociology

Academic Session: 2022 - 2023

Report on Project/Dissertation

Type of the Activity: ICT

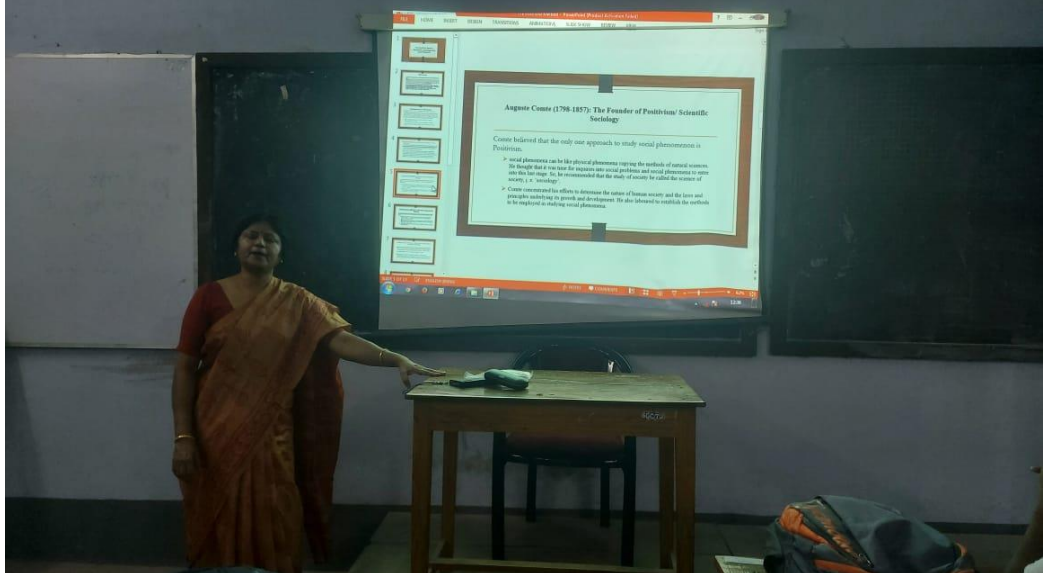
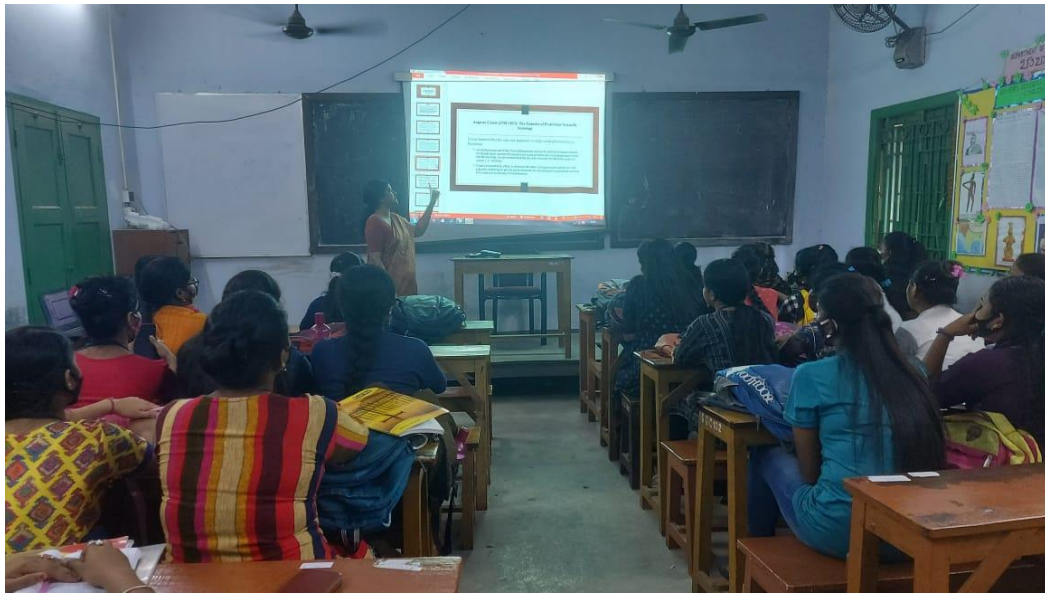
The teachers of the Department of Sociology regularly take ICT classes each and every semester.

- **Objectives** - To Enhance interaction and increase student engagement
 - To enhance the modes of communication Cost-efficient
 - To enhance E-learning and learning management system (LMS)
 - To promote and improve the digital culture in schools, colleges
- Date: Entire semester Time of the Event: ICT Classes mentioned in the class routine
- Number of attendees: (a) Student (1st – 6thsem students):
- (b) Teacher: Mr. SarojitKapasi ,
- Dr.Aritra Ghosh
- Dr.Saswati Chanda
- Venue: VB 1

Outcome

- Teachers can create engaging, interesting, and well-designed classroom activities
- Teachers can teach better with images, videos and graphics while delivering lessons
- Spread awareness of the social impact of technological change in education

Aritra Ghosh
Head of the Department
Department of Sociology



• The teachers of the Department of Sociology take ICT classes on a regular basis.

DEPARTMENT OF HISTORY

ICT

Session 2022-23

Report onReport on ICT.....

Type of the Activity: ICT

Objective of the Event: Create interest about digital presentation

Date: Nandita Kundu- 09/12/22 CC8 paper Sem III; Sk Riajul Midde- CC10 Sem III 12/12/2022; Dr. Meghlai Lama- DSE B1 Sem V 12/10/22; Amrita Chatterjee- DSE A3 Sem VI 23/2/23, Time of the Event: According to Class Routine

Number of attendees: (a) Student (semester III, V, VI):

(b) Teacher: 4

Venue: VB 3

Speakers (if any) :

Outcome: They got knowledge of Audio-visual knowledge of their subjects.

Attach notices, photos, attendance sheet, speakers



NK, 09/12/22 CC6 paper Sem III

Topic: Reformation



RM- CC10 Sem III 12/12/2022

Toipic: Chola Polity

YouTube Video Link:

<https://youtu.be/PtkoZzb7GHA>

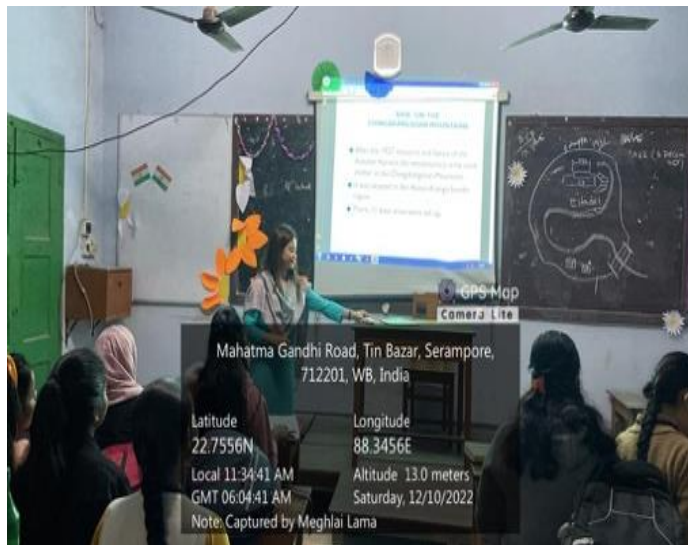
RM, Semester: 3, Paper: HISA CC10,

Topic: Urbanization During Early Medieval India



AC- DSE A3 Sem VI 23/2/23

Topic: Migration problem



ML, Semester-3, Paper-CC7, V 12/10/22

Topic: Iqta and Revenue System

Department of Hindi

ICT CLASSES

Session: 2022-23

Objective of the Class : To enhance the knowledge on Vigyapan (Advertisement) Hindi Literature.

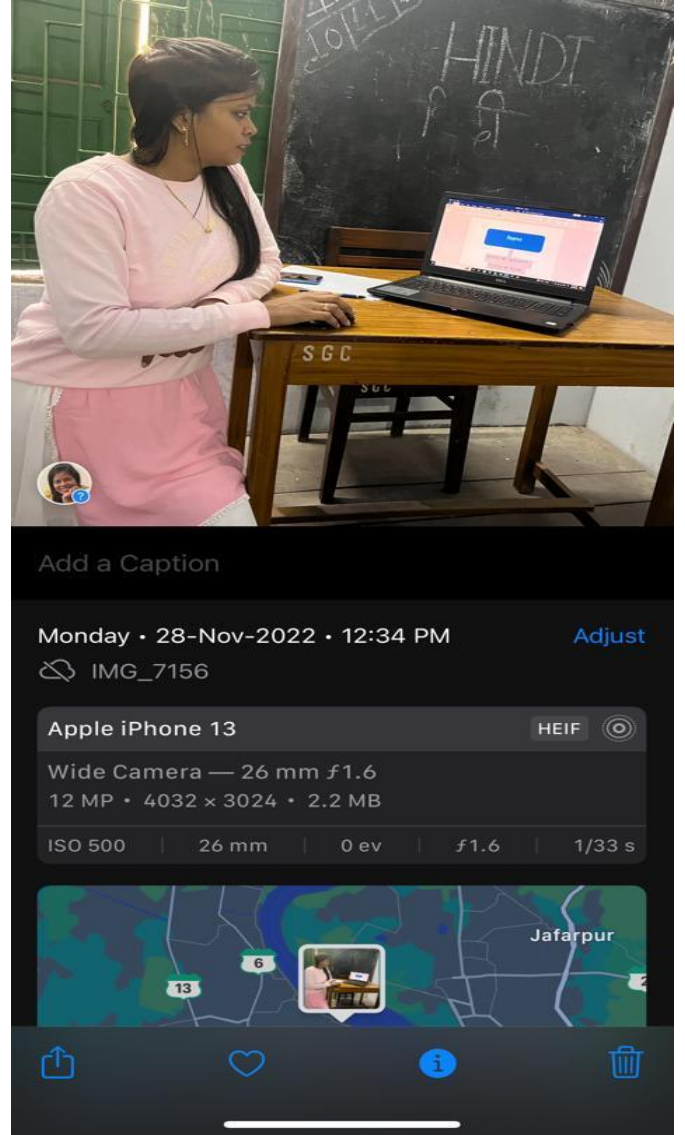
Date	Time	Semester	Number of Students
28.11.2022	10:45-12:00	5 th	35

Teacher -Dipa Kumari Ram

Venue – NB 7 Serampore Girls' college

Outcome: In present times, advertisement is an important subject for the students . It explains about contemporary things and their various aspects. Hence, through this class students got detailed knowledge about the advertisement.

ICT Class Picture



DEPARTMENT OF MUSIC

Report of Students centric method of teaching learning

Organising Department: Music Academic Session: 2022-23

Report on ICT class

Type of the Activity: ICT

Objective of the Event: ICT is a system of teaching learning process One of the main aims of ICT is to help students to become competent and confident users who can use the basic knowledge and skills acquired to assist them in their daily lives. It aims to help learners to have an open and flexible mind.

Date: 12.12.2022,

Time of the Event: 2pm

Number of attendees: (a) Student: 07 (mention semester): 1stsem.

(b) Teacher: 01

Venue: Serampore Girls' College

Outcome: as a result learning is become more interesting , convincing and effectual.

ICT

Attachments (ICT Class)

SERAMPORE GIRLS' COLLEGE

Department of Music

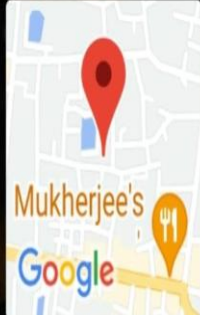
NOTICE

D-06.12.2022.

ICT class for B.A. 1st semester general students will be held on 12.12.2022 at 2 p.m in room no- NB5. Students are informed to be present on that day positively.

Rupa Bandyopadhyay

Head of the Department 06.12.2022.
Department of Music



Hooghly, West Bengal, India
 53E, Chatra, Serampore, West Bengal 742000,
 India
 Lat 22.75156°
 Long 88.344728°
 12/12/22 02:52 PM

classes started from 17th. Sep 22

1ST SEM (A+B)

REGISTER OF ATTENDANCE FOR THE MONTH OF DEC 2022

After 1st CIE

ANCE OF PUPILS OF DEC 2022

Total classes Gen. A = 15
Gen. B = 12

Sl. No.	Roll No.	NAME OF PUPILS	ATTENDANCE												Present	Lateness	Absence	No. of days	Percentage
			1	2	3	4	5	6	7	8	9	10	11	12					
Gen - A																			
1.	2013	DEBASHREE SAREN	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	100%	
2.	2014	SAMATA DEJ	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	100%	
3.	2015	SNEHA DAS	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	100%	
4.	2016	SONALI GHOSH	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	100%	
5.	2017	BULKIS KHATUN	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	100%	
6.	2018	KABERI SEN	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	100%	
7.	2019	PRITHA MRIDHA	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	100%	
8.	2020	SURESHA CHATTERJEE	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	100%	
9.	2021	SILPI MITRA	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	100%	
10.	2022	TITLI DAS	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	100%	
Gen - B																			
1.	2023	MOUNITA KAR	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	100%	
2.	2024	TRIVANKA BARMAN	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	100%	
3.	2025	SIYA BISWAS	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	100%	
4.	2026	SUKANYA BERA	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	100%	

No. Present daily
 No. Absent daily
 TOTAL

SREEMA TRADERS, 45, Benafota Lane-03 Ph. 2241 8238

No. of working days during the Month -
 Average Daily Attendance -
 Percentage of Attendance during the Month -

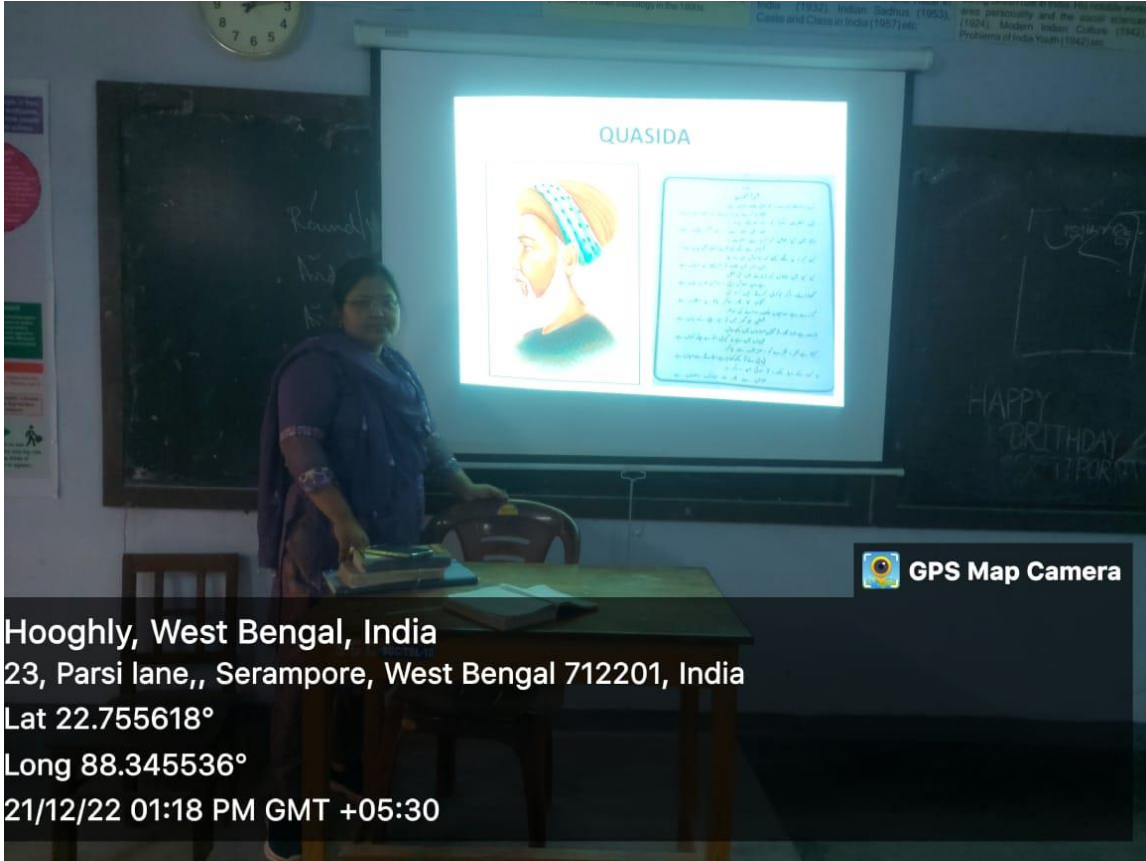
ATTENDANCE IN ICT CLASSES

Soma Roy
 Principal
 Serampore Girls' College
 Serampore, Hooghly

DEPARTMENT OF URDU

ICT

DATE: 21-12-2022



Hooghly, West Bengal, India
23, Parsi lane,, Serampore, West Bengal 712201, India
Lat 22.755618°
Long 88.345536°
21/12/22 01:18 PM GMT +05:30



Hooghly, West Bengal, India
324A, Chatra, Serampore, West Bengal 742000, India
Lat 22.755512°
Long 88.345479°
21/12/22 01:16 PM GMT +05:30

Soma Roy
Principal
Serampore Girls' College
Serampore, Hooghly

Serampore Girls' College

(Estd. : 1981)

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E-mail : serampore_girls_college@yahoo.co.in

Website : www.seramporegirlscollege.org

Ref. No.

DEPARTMENT OF ECONOMICS

Date.....

Organizing Department: **Economics**

Academic Session: **2022-23**

Report on: **ICT**

Type of the Activity: **ICT**

Objective of the Event: **To present and discuss the subject matter to students by teacher using ICT**

Date: **over the year**

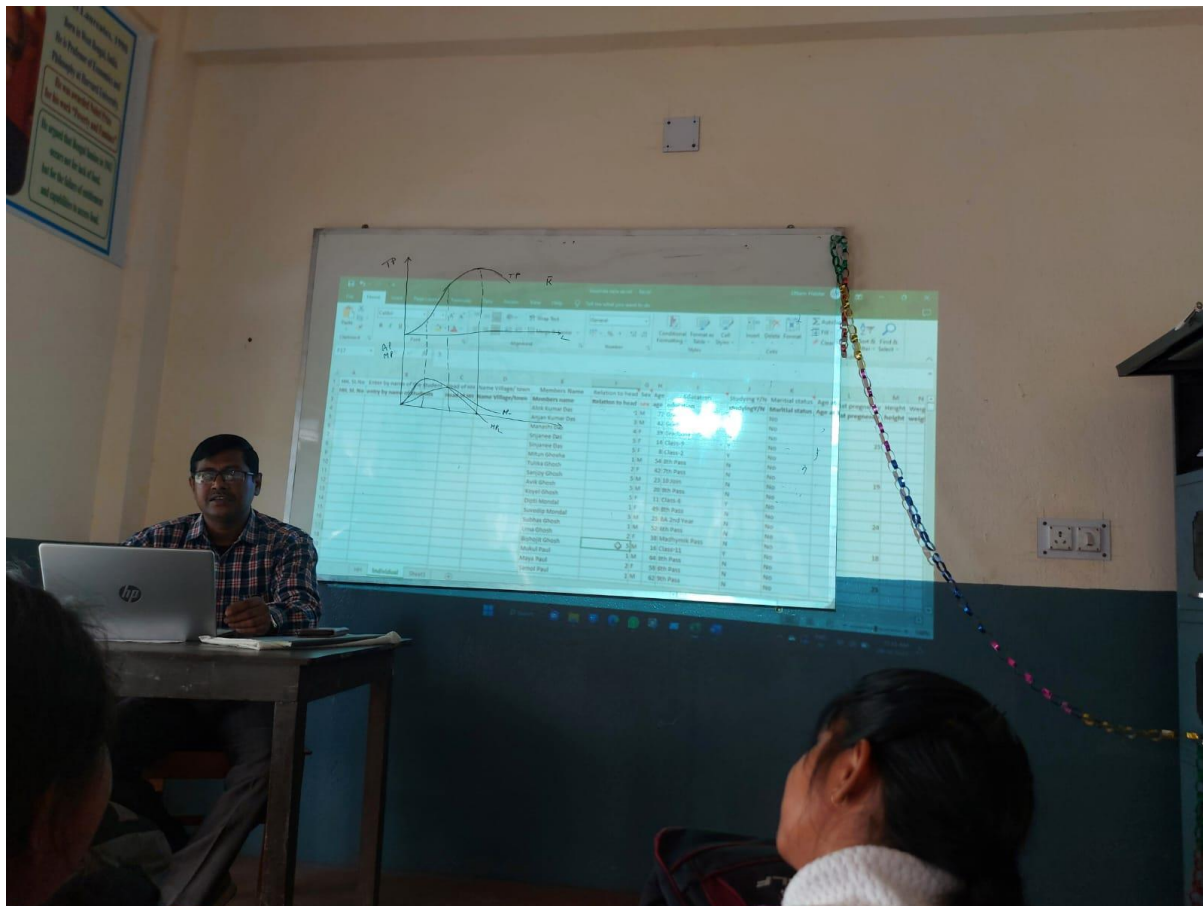
Time of the Event: **during class**

Venue: **Room No SB 23/online**

Number of attendees: (a) all students in the class (b) Teacher: 1

Outcome: **Students can learn the subject matter in a attractive manner**

3rd sem data analysis



Soma Roy

Principal

Serampore Girls' College
Serampore, Hooghly

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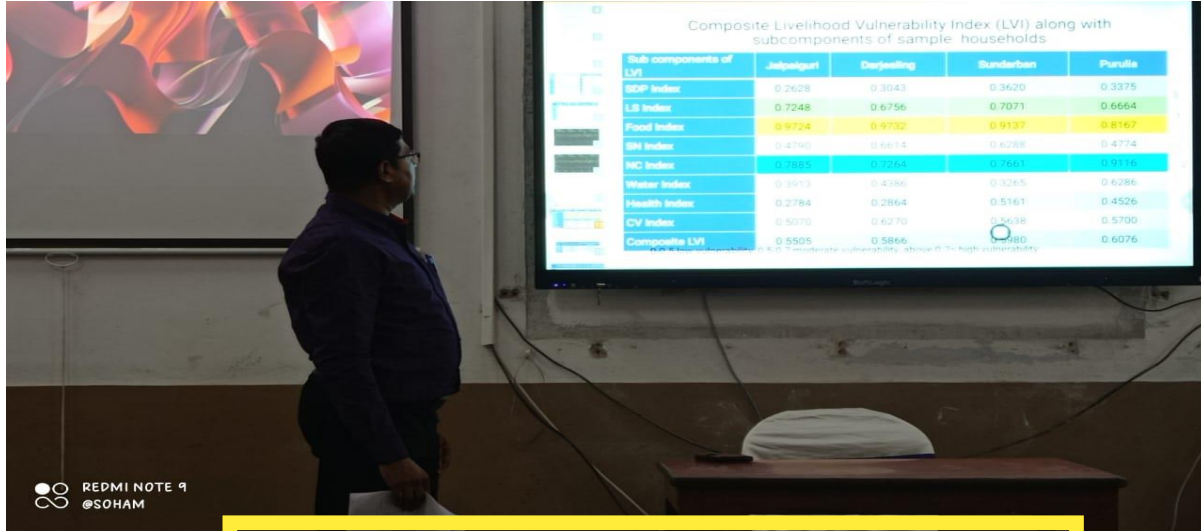
Website : www.seramporegirlscollege.org

Ref. No.

DEPARTMENT OF ECONOMICS

Date.....

4th sem Development economics



Students working with computer for project 3rd semester



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Ref. No.

DEPARTMENT OF ECONOMICS

Date.....

4th semester students presenting their project with powerpoint



economics general
Dec 8



Power point presentation, group discussion on 13th Dec 2022 At 10:45 am for DSE A1

5th semester students Seminar



Soma Roy

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Serampore Girls' College
Serampore, Hooghly

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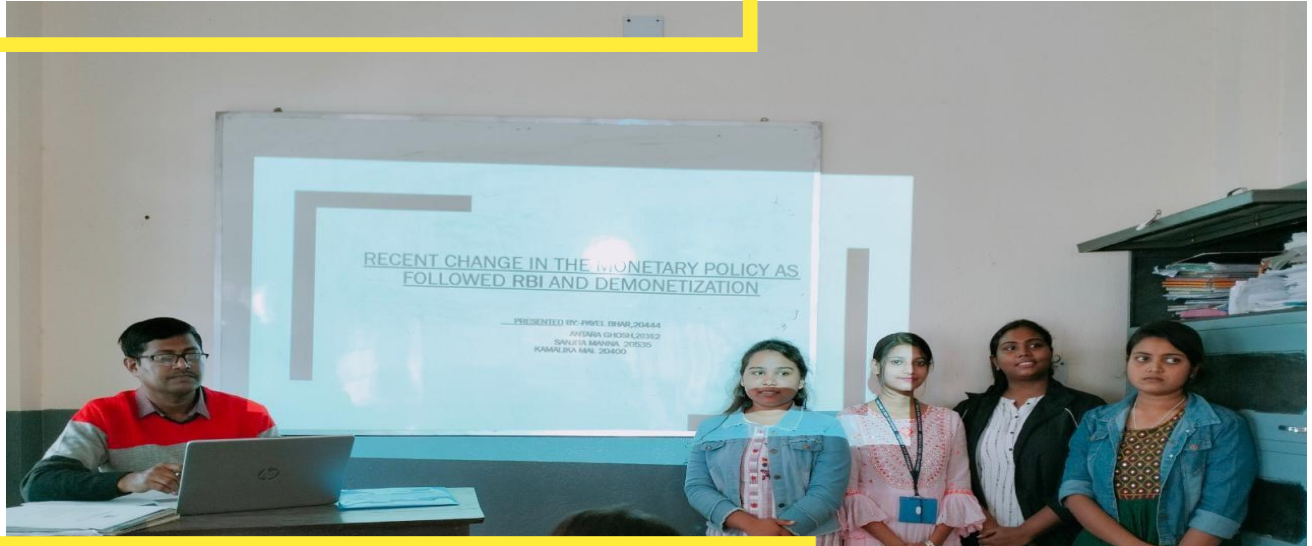
Website : www.seramporegirlscollege.org

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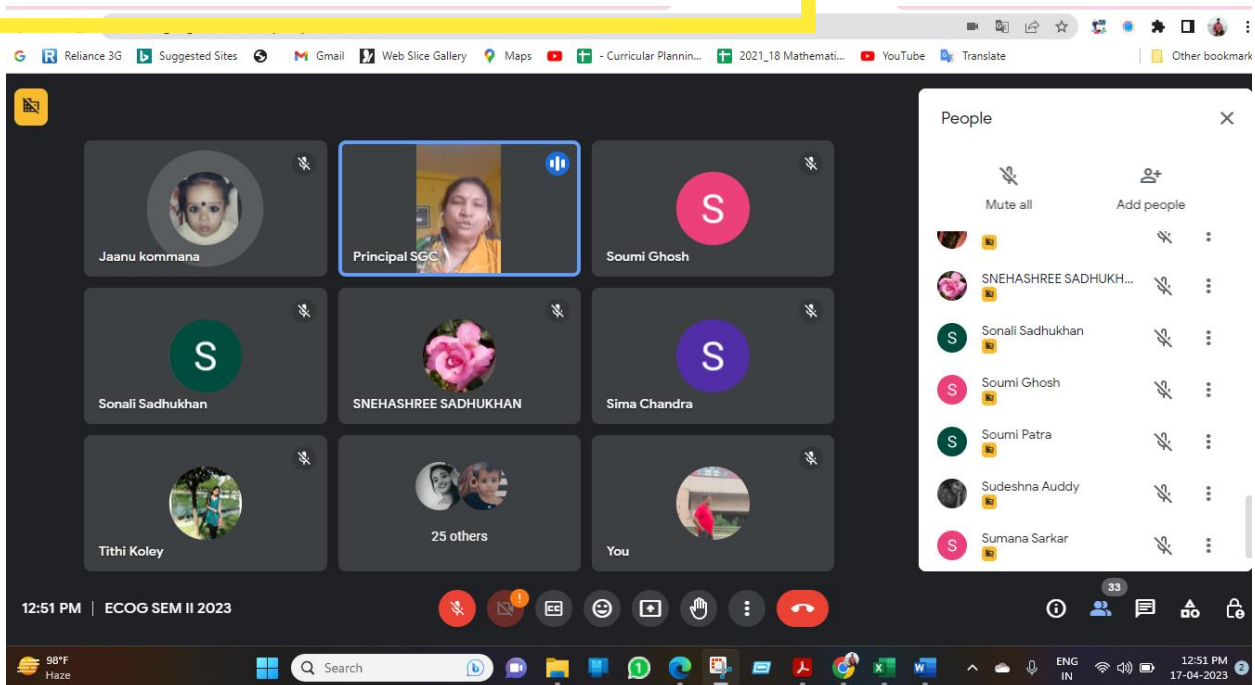
DEPARTMENT OF ECONOMICS

Date.....

ECOG II class on line



Online class 2nd semester



Soma Roy
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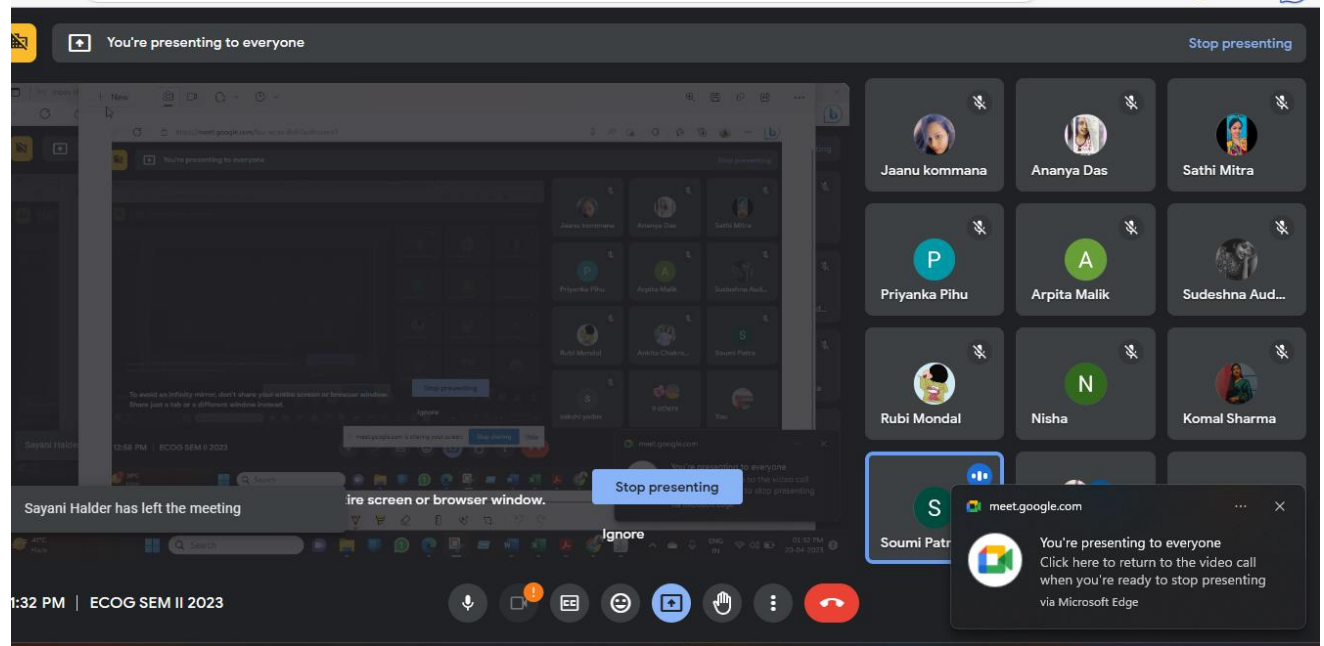
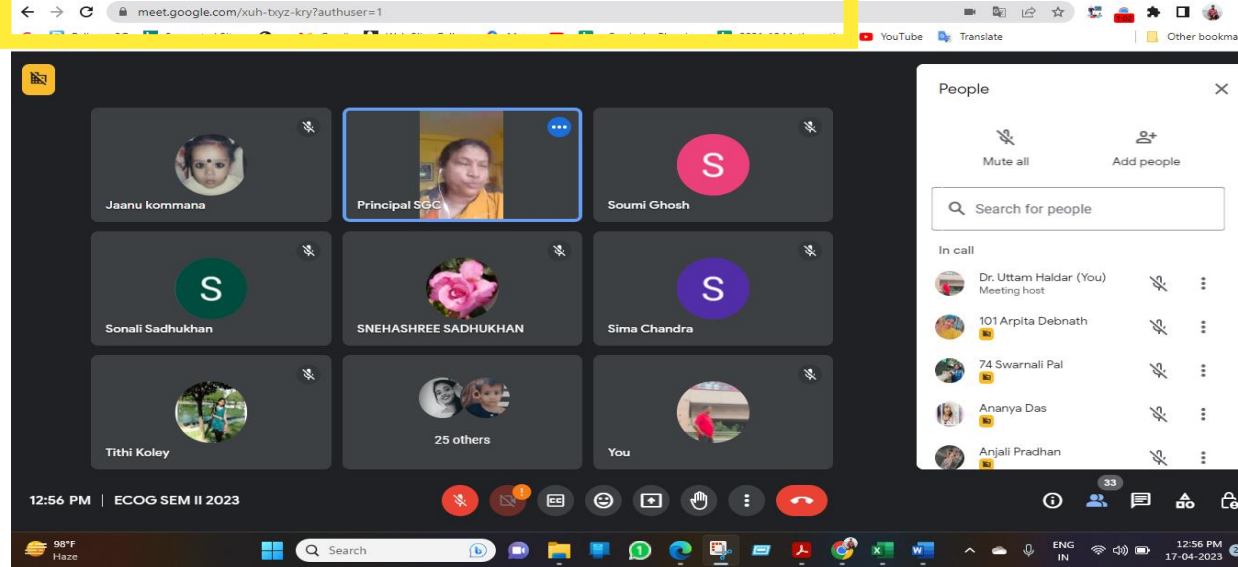
Website : www.seramporegirlscollege.org

Ref. No.

DEPARTMENT OF ECONOMICS

Date.....

Principal Madam taking class on value education in on-line mode

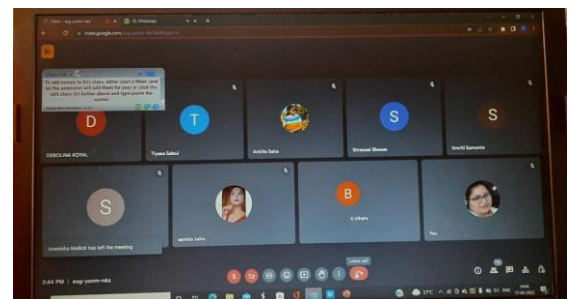
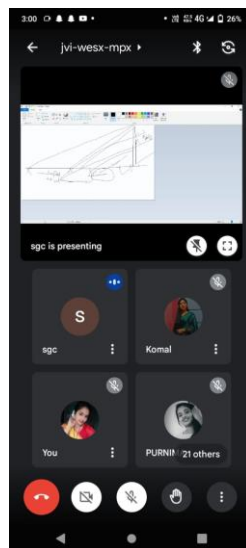
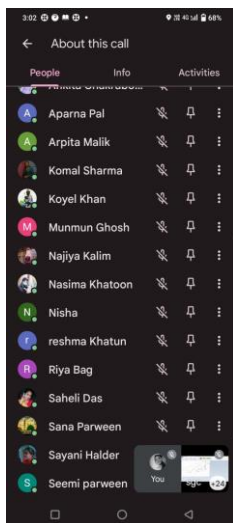
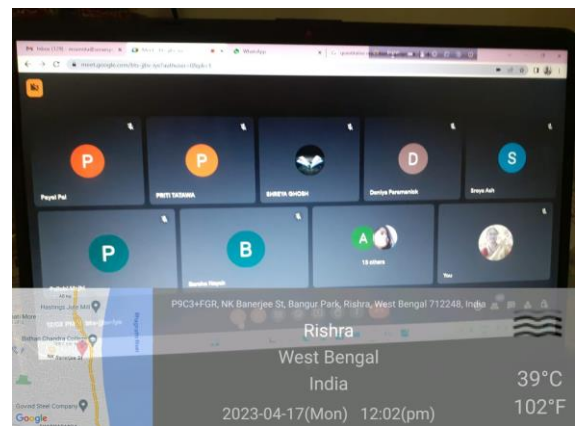
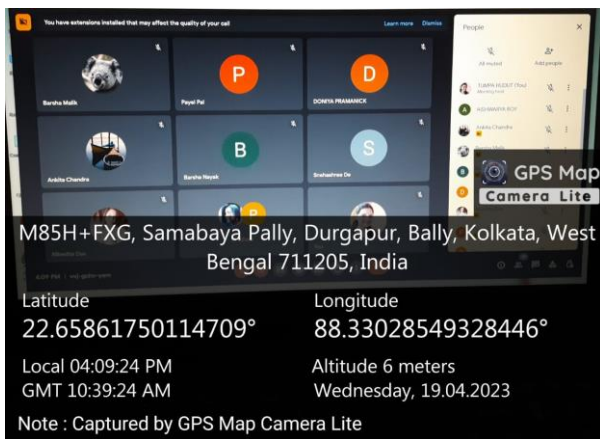


Soma Roy
Principal
Serampore Girls' College
Serampore, Hooghly

DEPARTMENT OF GEOGRAPHY

ICT_Geography 2022-2023

Objective: Teachers of the department of geography use information communication and technology (ICT) tools for effective teaching learning in the classroom. With the intention to develop critical and innovative thinking and brainstorming, teachers use ICT tools including E-resources, techniques like Google Classroom, Google meet PPT slide, What's app.



ICT class on virtual Platform (Semester 2nd , 4th, 6th Hons)

Soma Roy
Principal
Serampore Girls' College
Serampore, Hooghly

**Geography Class room: Types of ICT facilities: Projector,
Wi-Fi, Laptop Room No: SB-35&SB-34
Geography GIS Lab room: Computer, Wi-Fi**

Outcome:

- Use of ICT reduced irregularity or low attendance .
- Upgrading the use of teaching learning material from traditional to the modern use of ICT tools helps and prepares students to cope up with the trend of 21st century .
- The pandemic has significantly changed the way students are taught. The physical classes in the colleges have been replaced by online live/recorded sessions at home. And smart/mobile phones have taken the place of books.
- It helps teachers and students both for self learning and develop confidence.

Ph. : (033) 26623723 (Office)
(033) 26527850 (Principal)

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Ref. No. Date: 16/4/23...

NOTICE
For Online classes

As per Govt. order college will remain closed during 17/4/23 - 21/4/23.
⇒ To complete classes (syllabus) all teachers are requested to take online classes following routine positively
⇒ For online class use google workspace. It is given to our college free of cost. A few college got this facility. Please keep screenshot, other documents for online classes. We have to place it in NAAC Report.
Blended mode of teaching.

Soma Roy,
Principal
Serampore Girls' College
Serampore, Hooghly

Soma Roy
Principal
Serampore Girls' College
Serampore, Hooghly

DEPARTMENT OF BOTANY

Report on Student centric method of teaching learning

Organising Department: Botany

Academic Session: 2022-2023

Report on: ICT classes.

Type of activity: ICT

Objective of the Event: For better understanding of students

Date: 29/08/2022 (Sem-1)

Time of the Event: 9:45-10:45pm

Date: 30/08/2022 (Sem-3)

Time of the Event: 2:00-3:00pm

Date: 25/08/2022 (Sem-5)

Time of the Event: 11:45-12:45pm

Date: 15/05/2023 (Sem -2)

Time of the Event: 01:00-2:00pm

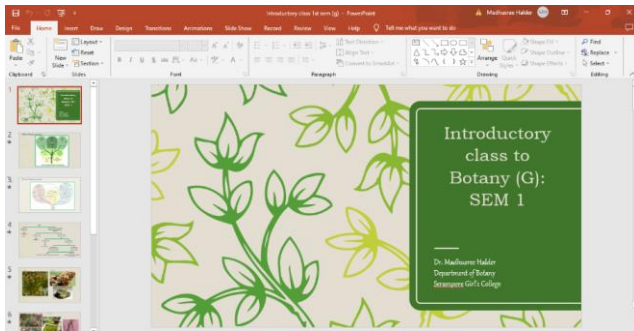
Date: 16/03/2023 (Sem -4)

Time of the Event: 12:45-1:45pm

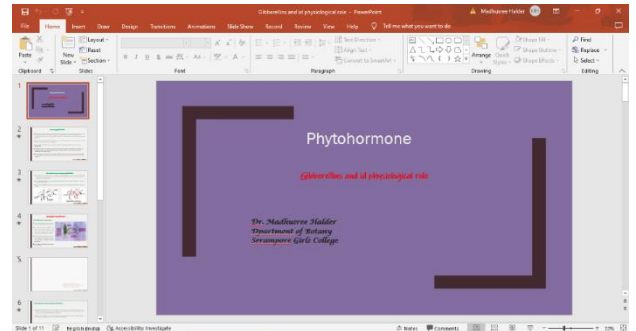
Number of attendees: (a) Student: 4 students of semester I, 12 students of sem III
3 students of semester V, 4 students of semester II, 10 students of semester IV,
(b) Teacher: Dr. Madhusree Halder

Venue: Room number-NB13, Bio science lab. Serampore Girls College

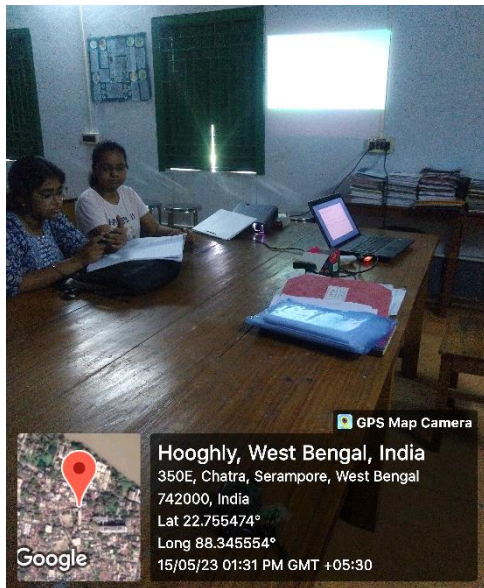
Outcome: Students get benefitted by those classes with video and animation of relevant topic of their syllabus.



ICT class of semester I



ICT class of semester IV

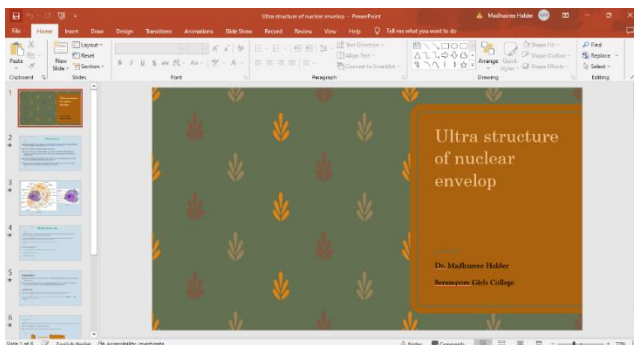


GPS Map Camera
 Hooghly, West Bengal, India
 350E, Chatra, Serampore, West Bengal
 742000, India
 Lat 22.755474°
 Long 88.345554°
 15/05/23 01:31 PM GMT +05:30

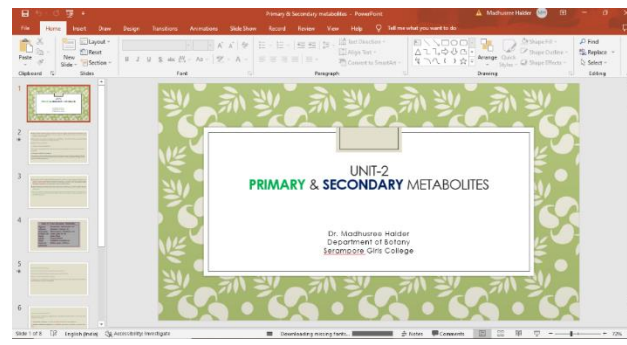


ICT class of semester IV

ICT class of semester II



ICT class of semester III



ICT class of semester V

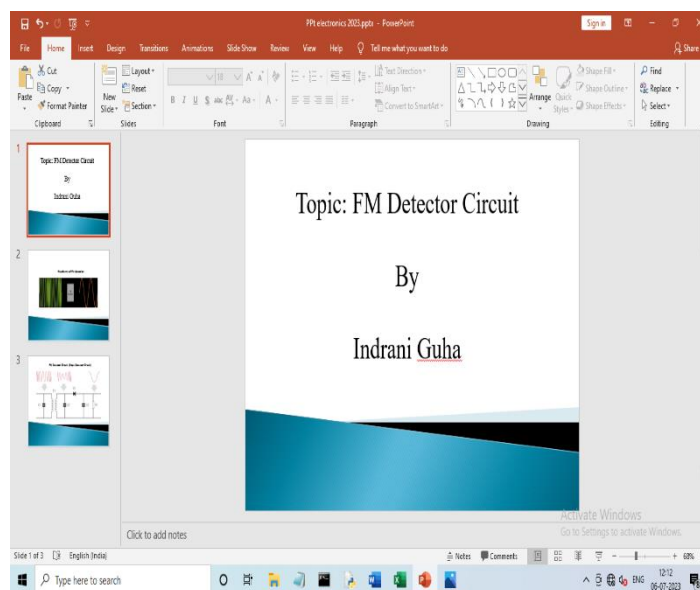
DEPARTMENT OF ELECTRONICS

ICT

Semester III



ICT; 2022-2023 Session; semester – III, Room No: VB 6, FM Detector Circuit, date-20/3/2023

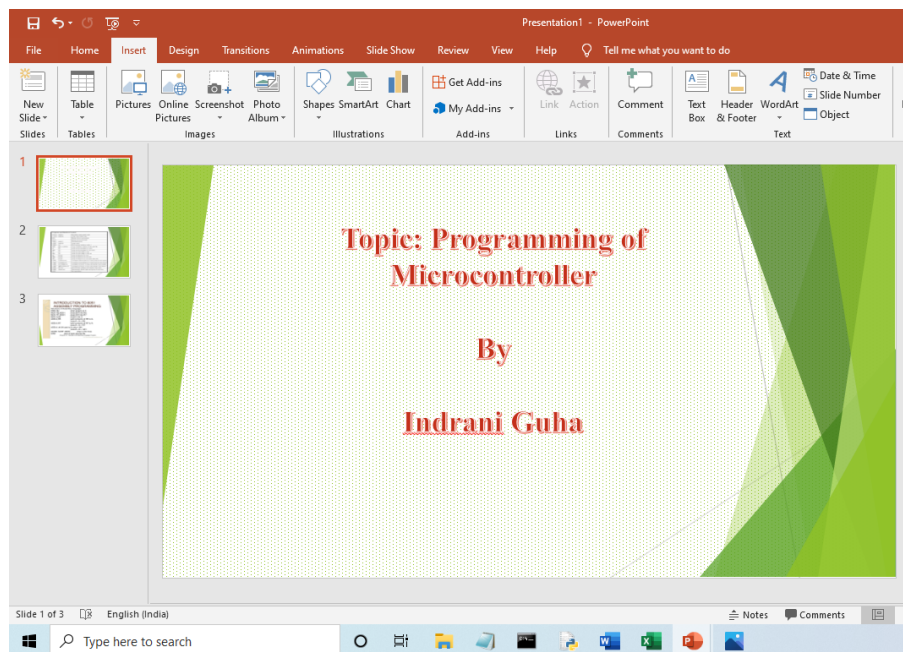


ICT; 2022-2023 Session; semester – III, Room No: VB 6, FM Detector Circuit

Semester IV



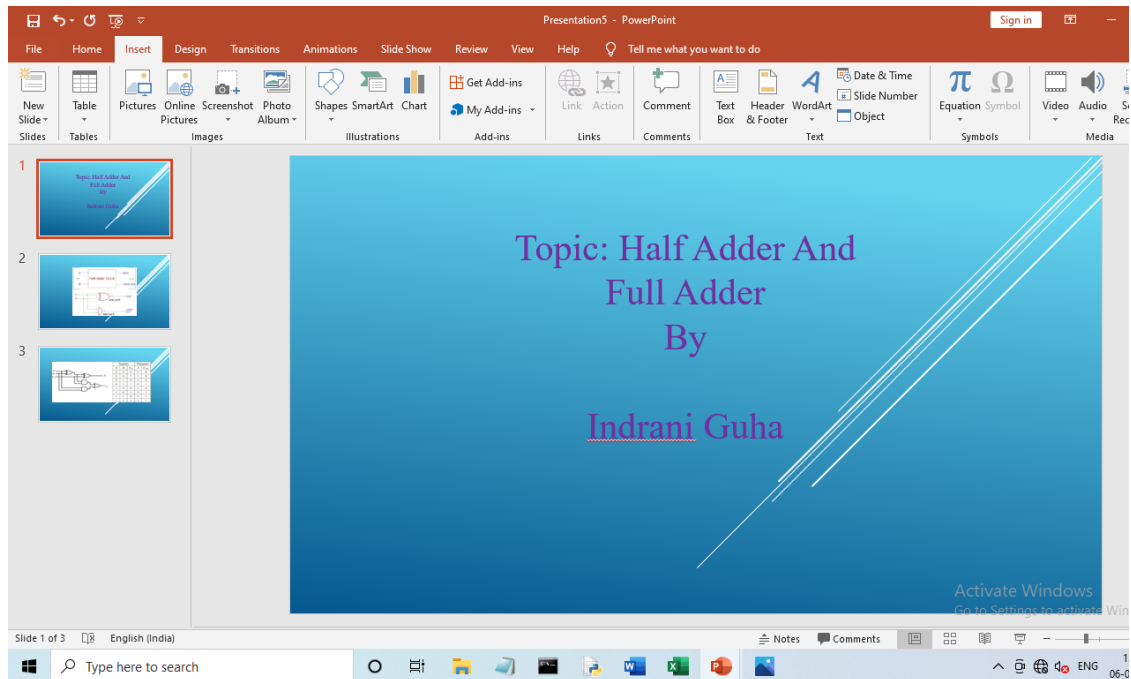
ICT; 2022-2023 Session; semester – IV, Room No: VB 6, Microcontroller Architecture



ICT; 2022-2023 Session; semester – IV, Room No: VB 6, Programming of Microcontroller,

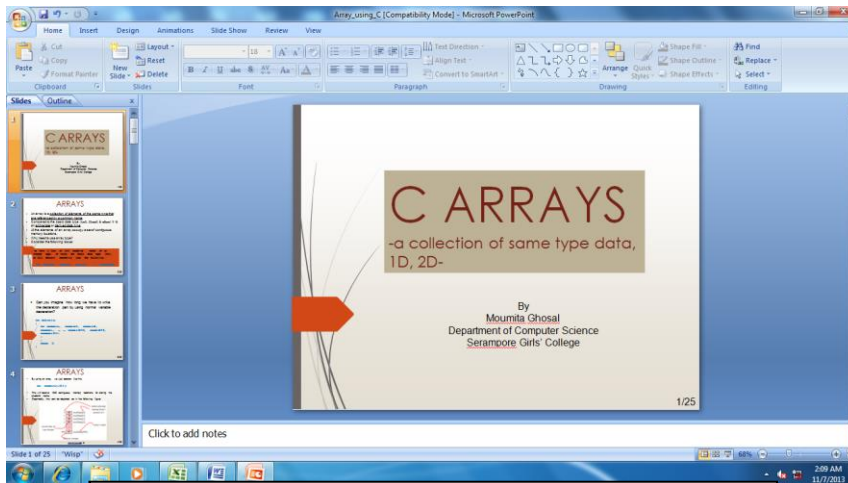
Date: 22.04.2023

Semester II

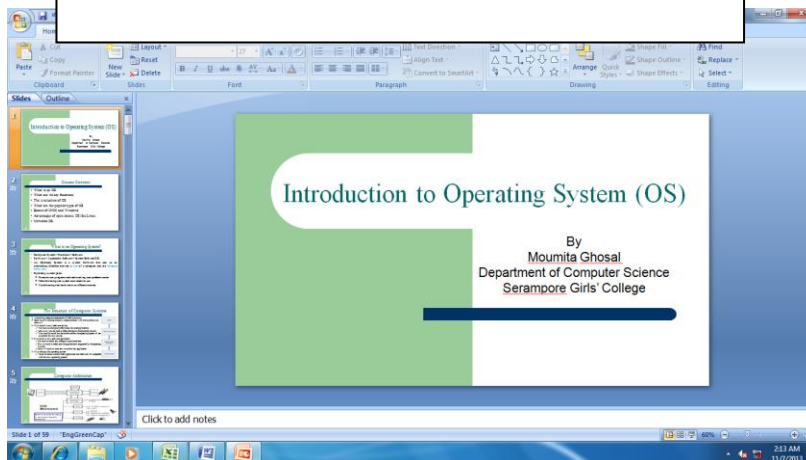


ICT; 2022-2023 Session; semester – II, Room No: VB 6, Half Adder and Full Adder,
Date:14.03.2023

DEPARTMENT OF COMPUTER SCIENCE

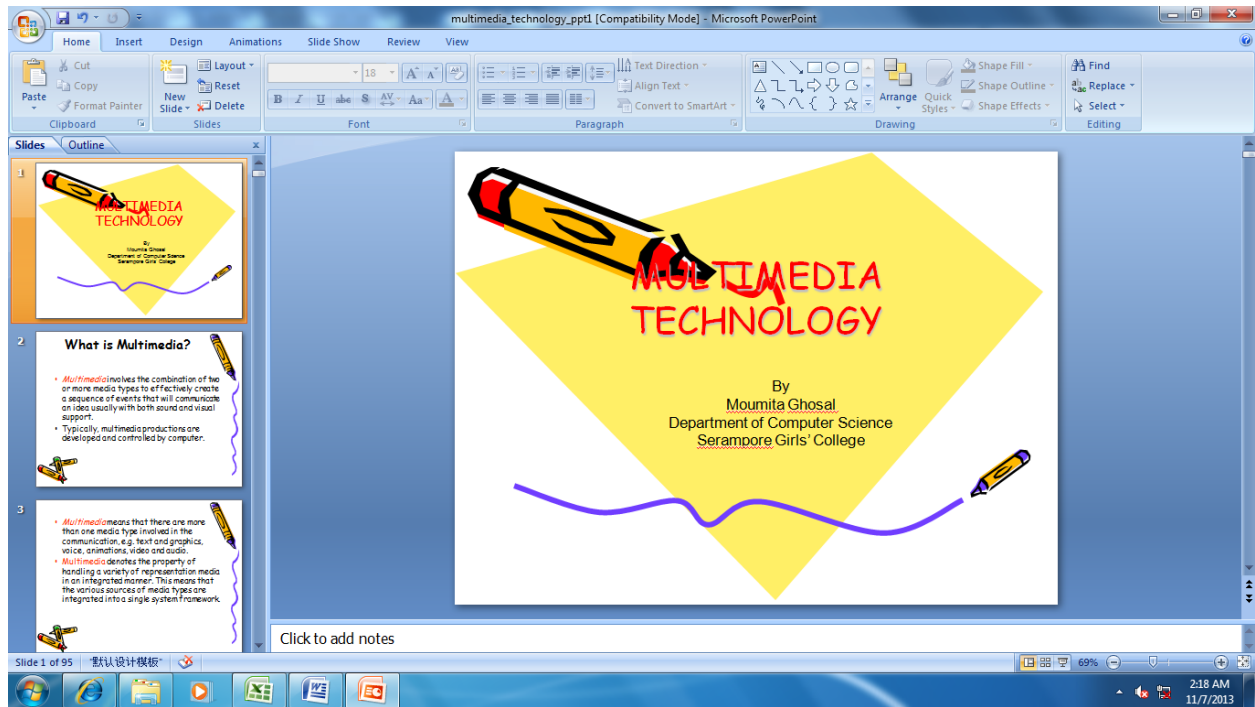


ICT for Semester – 2; Date – 26.03.2023; Topic - Array

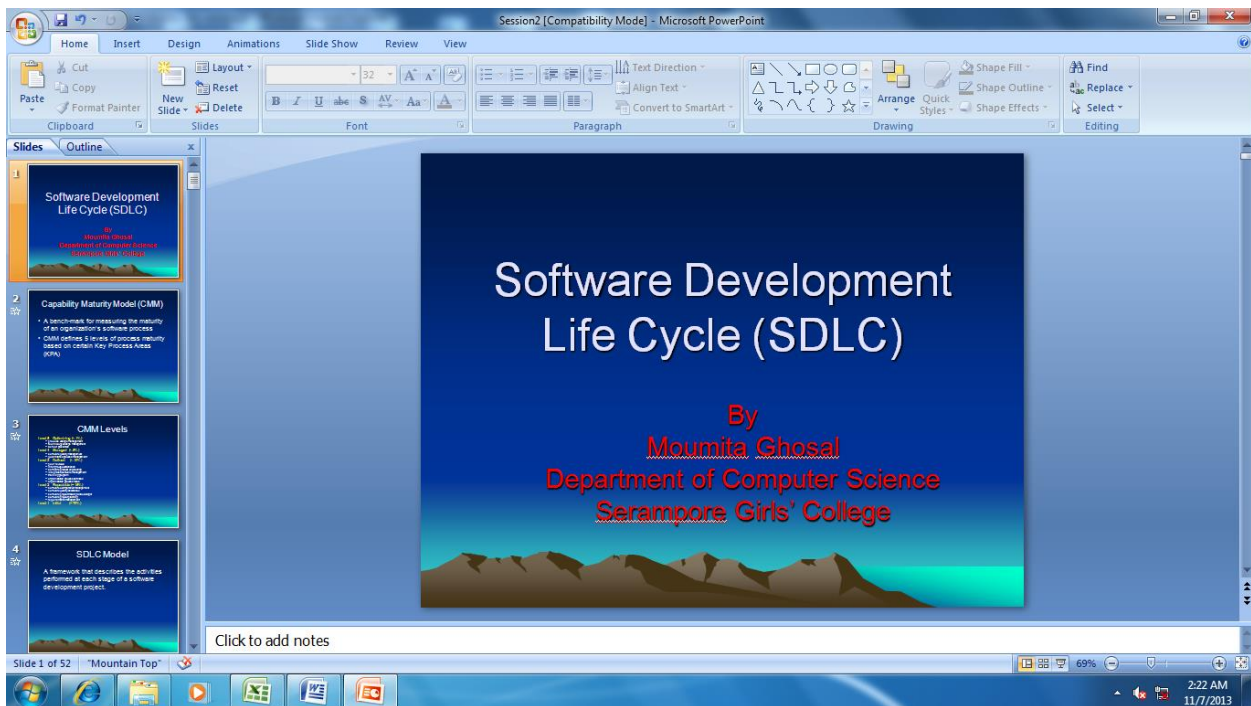


ICT for Semester – 4; Date – 22.03.2023; Topic – Operating System.

Soma Roy
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Serampore, Hooghly



ICT for Semester – 6; Date – 04.04.2023; Topic – Multimedia Technology



ICT for Semester – 6; Date – 24.04.2023; Topic – Software Development Life Cycle

Soma Roy
Principal
Serampore Girls' College
Serampore, Hooghly

Date: 24.04.2023 Sem-4 No. of students attended: 12

6 Definitions - Graph Type

7 Definitions - Graph Type

8 Definitions - Graph Type

9 Definitions - Graph Type

Graph Theory

Mayurakshi Nag

Date: 12.11.2022 Sem: 5 No. of students attended: 3

1 **Recurrence Tree**
Dr. Mayurakshi Nag

2 **Recall: Integer Multiplication**

- Let $X = \begin{pmatrix} a & b \\ c & d \end{pmatrix}$ and $Y = \begin{pmatrix} e & f \\ g & h \end{pmatrix}$ where A, B, C and D are $n \times n$ matrices
- Matrix Method: $XY = (D^2A + (B+C)D + D^2E)$
- Running Time Recurrence: $T(n) = 4T(n/2) + 100n$

How do we solve it?

3 **Substitution method**

The most general method:

- Guess the form of the solution.
- Verify by induction.
- State the constants.

Example: $T(n) = 4T(n/2) + 100n$

- Assume that $T(n) = O(n^2)$
- Assume $O(n^2)$ (Prove O and Ω separately)
- Assume that $T(n) \leq cn^2$ for $n < n_0$
- Prove $T(n) \leq cn^2$ by induction.

4 **Example of substitution**

$T(n) = 4T(n/2) + 100n$
 $\leq 4cn^2 + 100n$
 $= 4c(n/2)^2 + 100n$
 $= cn^2 + 100n$
 $\leq cn^2$ if $100n \leq 0$ which is not true.

Recurrence Tree

Dr. Mayurakshi Nag

Date: 20.09.2022 Sem: 3 No. of students attended: 10

Bisection Method
Mayurakshi Nag

Basis of Bisection Method
Theorem: Let f be a real-valued function on $[a, b]$ such that $f(a) < 0$ and $f(b) > 0$. Then f has at least one root in (a, b) .

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Bisection Method

Mayurakshi Nag

Date: 30.08.2022 Sem: 3 No. of students attended: 9

Multiple Integration
Mayurakshi Nag

Objectives

- Use a double integral to represent the volume of a solid region and use properties of double integrals.
- Evaluate a double integral as an iterated integral.
- Find the average value of a function over a region.

Double Integrals and Volume of a Solid

Consider a continuous function $f(x, y, z)$ for (x, y, z) in a region R in the xy -plane. The goal is to find the volume of the solid region lying between the surface $z = f(x, y)$ and the xy -plane.

Double Integrals and Volume of a Solid

The next step is to superimpose a mesh on the region, as shown in Figure 1.

The rectangles lying entirely within R form an inner partition \mathcal{P} (whose norm $\|\mathcal{P}\|$ is defined as the length of the longest subrectangle).

Multiple Integration

by **Mayurakshi Nag**

Click to add notes

Date: 09.12.2022 Sem: 1 No. of students attended: 3

DEPARTMENT OF PHYSICS

ICT CLASSES USING JAM BOARD

electric field due to a point charge using gauss theorem

$$\Phi = \int \vec{E} \cdot \hat{n} dA$$

$$= \int E \hat{r} \cdot \hat{n} dA$$

$$= \int E dA$$

$$= E \int dA$$

$$= E \cdot 4\pi r^2$$

ICT classes of semester II using Jamboard , date: 20/04/2023

$\vec{r} \rightarrow \text{force}$

$$\tau = \vec{r} \times \vec{F} \sin \theta + \vec{r} (d-x) \sin \theta$$

$$= F d \sin \theta$$

$$\boxed{\vec{\tau} = \vec{F} \times \vec{d}}$$

$$\tau = F d \sin \theta$$

$$\tau = (Eq) \frac{p}{q} \sin \theta$$

$$\tau = E \cdot p \sin \theta$$

$$\boxed{\vec{\tau} = \vec{E} \times \vec{p}}$$

$$F = Eq$$

$$E = \frac{F}{q}$$

$$\leftarrow \vec{p} = q\vec{d}$$

ICT classes of semester IV using Jamboard , date: 19/04/2023

PRACTICAL CLASSES USING VIRTUAL LAB

An Initiative of Ministry of Education Under the National Mission on Education through ICT

de-iitr.vlabs.ac.in/exp/half-full-adder/simulation.html

Gmail YouTube Maps W dubai SOC

Virtual Labs
Construction of half/ full adder using XOR and NAND gates and verification of its..

INSTRUCTIONS

Experiment to perform logic of half adder on kit

ADD Reset

Serial No.	Input A	Input B	Sum	Carry

Practical classes using Virtual Lab of Sem VI , date: 05/05/2023

de-iitr.vlabs.ac.in/exp/half-full-adder/simulation.html

Gmail YouTube Maps W dubai SOC

Virtual Labs
Construction of half/ full adder using XOR and NAND gates and verification of its..

Simulator 1 Simulator 2

INSTRUCTIONS

Experiment to perform logic of Full Adder on kit

ADD Reset

Serial No.	Input A	Input B	Sum	Carry

Practical classes using Virtual Lab of Sem VI , date: 05/05/2023

DEPARTMENT OF ZOOLOGY

Report on Student centric method of teaching learning

Organising Department: Zoology

Academic Session: 2022-23

Report on: ICT

Type of the Activity: ICT

Objective of the Event: **To enhance the teaching-learning experience of the students**

Date: **11/05/2023 for 2nd sem, 03/05/2023 for 4th sem, 03/05/2023 for 6th sem.**

Time of the Event: **11:45 am- 12:45 pm**

Number of attendees: (a) Student (mention semester): **4 students of second semester, 8 students of fourth semester, 5 students of sixth semester**

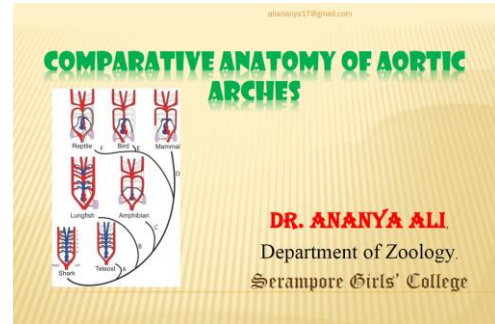
(b) Teacher: **Dr. Ananya Ali**

Venue: **Room No. NB13 (Zoology Lab), Serampore Girls' College**

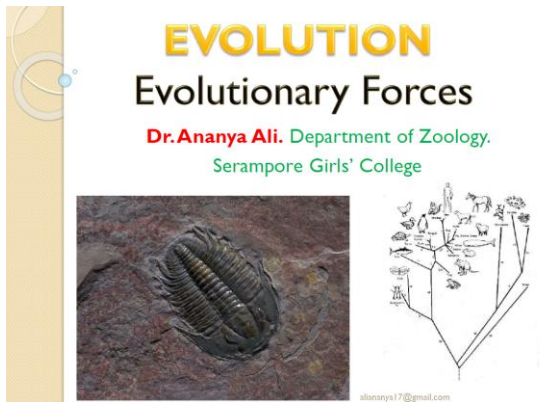
Outcome: **Students have better understanding about the topic as visualization was better.**



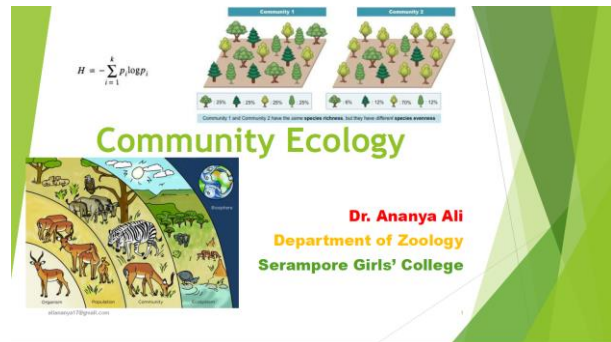
2nd sem Students in ICT class



The first slide of 2nd sem ICT



The first slide of 4th sem ICT



The first slide of 6th sem ICT