



From: Principal & Secretary

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Dhaniakhali, Hooghly, 712302

# Sarat Centenary College

Dhaniakhali, Hooghly

Founded: 1976

Recognised Under UGC 2F&12B  
WB Govt. Aided

Affiliated to The University of Burdwan

## 3<sup>rd</sup> CYCLE NAAC ACCREDITATION PROCESS- 2024

### Criterion 5- Student Support and Progression

#### Key Indicator: 5.1 - Student Support

**Metric 5.1.2. Capacity Development and Skills Enhancement Activities  
organised for improving students' capability**

#### SUPPORTING DOCUMENTS

At our college, we encourage our students to take up every kind of extracurricular activity for a complete physical and mental development. In this respect, we provide any kind of support that our students may require.

These are the supporting documents that attest to the same.



[DR SANDIP KUMAR BASAK]  
Principal, Sarat Centenary College  
Principal & Secretary,  
Sarat Centenary College  
P.O.- Dhaniakhali, Dist.- Hooghly



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### Criterion 5- Student Support and Progression

#### Key Indicator: 5.1 - Student Support

#### Metric 5.1.2. Capacity Development and Skills Enhancement Activities organised for improving students' capability

#### 5.1.2 The following Capacity Building and Skill Enhancement activities are organized for improving students' capabilities

1. Soft Skills 2. Language and communication Skills 3. Life Skills (Yoga, physical fitness, health and hygiene) 4. Awareness of trends in technology.

#### Academic Year-2022-23

Sl. No.	Name of the capability enhancement program	Year of Implementation	Name of the agencies/consultants involved with contact details, if any
1.	SEC-2- (G) Gymnastics and Yoga	2022-23	Departmental Faculties Department of Physical Education
2.	CC-ID- (G)-Health Education, Physical Fitness and Wellness	2022-23	Departmental Faculties Department of Physical Education

3.	SEC-1(3 <sup>rd</sup> Sem Hons.) : Agricultural Botany	2022-23	Departmental Faculties Department of Botany
4.	SEC-2(4th Sem Gen.): Medicinal Botany	2022-23	Departmental Faculties Department of Botany
5.	SEC-2(4th Sem Hons.): Biofertilizers	2022-23	Departmental Faculties Department of Botany
6.	SEC- 1 (H) Archives & Museums in India.  SEC- 1 (G) Archives & Museums in India,  SEC- 4 (G) Understanding Popular Culture.  SEC- 2 (H+G) Art Appreciation: An Understanding to Indian Art.  SEC-3 (G) Understanding Heritage	2022-23	Department of History Departmental Faculties
7.	SEC-1 (H) Logic and Sets	2022-23	Departmental Faculties Department of Mathematics
8.	SEC-2 (H) Graph Theory	2022-23	Departmental Faculties Department of Mathematics
9.	Paper SEC 3( G)- Sericulture	2022-23	Departmental Faculties Department of Zoology
10.	Paper SEC 1(H)- Apiculture	2022-23	Departmental Faculties

			Department of Zoology
11.	Paper SEC 3 (G)- Medical Diagnostics	2022-23	Departmental Faculties Department of Zoology
12.			
13.	SEC-3(Hons.) Computer Basics and Computer Applications SEC-4 (Hons.) Advanced Spatial Statistical Techniques SEC-5 (Hons.) Remote Sensing and GIS	2022-23	Departmental Faculties Department of Geography
14.	SEC-1 (H&G)-E-Commerce SEC-2 (H)- Entrepreneurship SEC-(G)-Computer Applications	2022-23	Departmental Faculties Department of Commerce
15.	SEC-1(H)-Basic Sanskrit Part-1 & Part-2	2022-23	Departmental Faculties Department of Sanskrit
16.	SEC-2 (H)- Spoken Sanskrit	2022-23	Departmental Faculties Department of Sanskrit
17.	SEC-1-(H&G)-Translation Studies	2022-23	Departmental Faculties Department of English
18.	SEC-2-(H&G)-English Language Teaching	2022-23	Departmental Faculties Department of English

**Academic Year-2021-22**

Sl. No.	Name of the capability enhancement program	Year of Implementation	Name of the agencies/consultants involved with contact details, if any
1.	SEC-2- (G) Gymnastics and Yoga	2021-22	Departmental Faculties Department of Physical Education
2.	CC-ID- (G)-Health Education, Physical Fitness and Wellness	2021-22	Departmental Faculties Department of Physical Education
3.	SEC-1(3 <sup>rd</sup> Sem Hons.) : Agricultural Botany	2021-22	Departmental Faculties Department of Botany
4.	SEC-2(4th Sem Gen.): Medicinal Botany	2021-22	Departmental Faculties Department of Botany
5.	SEC-2(4th Sem Hons.): Biofertilizers	2021-22	Departmental Faculties Department of Botany
6.	SEC- 1 (H) Archives & Museums in India.  SEC- 1 (G) Archives & Museums in India,  SEC- 4 (G) Understanding Popular Culture.  SEC- 2 (H+G) Art Appreciation: An Understanding to Indian Art.  SEC-3 (G) Understanding Heritage	2021-22	Department of History Departmental Faculties
7.	SEC-1 (H) Logic and Sets	2021-22	Departmental Faculties Department of Mathematics

8.	SEC-2 (H) Graph Theory	2021-22	Departmental Faculties Department of Mathematics
9.	Paper SEC 3( G)- Sericulture	2021-22	Departmental Faculties Department of Zoology
10.	Paper SEC 1(H)- Apiculture	2021-22	Departmental Faculties Department of Zoology
11.	Paper SEC 3 (G)- Medical Diagnostics	2021-22	Departmental Faculties Department of Zoology
12.			
13.	SEC-3(Hons.) Computer Basics and Computer Applications SEC-4 (Hons.) Advanced Spatial Statistical Techniques SEC-5 (Hons.) Remote Sensing and GIS	2021-22	Departmental Faculties Department of Geography
14.	SEC-1 (H&G)-E-Commerce SEC-2 (H)- Entrepreneurship SEC-(G)-Computer Applications	2021-22	Departmental Faculties Department of Commerce
15.	SEC-1(H)-Basic Sanskrit Part-1 & Part-2	2021-22	Departmental Faculties Department of Sanskrit
16.	SEC-2 (H)- Spoken Sanskrit	2021-22	Departmental Faculties Department of Sanskrit
17.	SEC-1-(H&G)-Translation Studies	2021-22	Departmental Faculties Department of English

18.	SEC-2-(H&G)-English Language Teaching	2021-22	Departmental Faculties Department of English

**Academic Year-2020-21**

Sl. No.	Name of the capability enhancement program	Year of Implementation	Name of the agencies/consultants involved with contact details, if any
1.	SEC-2- (G) Gymnastics and Yoga	2020-21	Departmental Faculties Department of Physical Education
2.	CC-ID- (G)-Health Education, Physical Fitness and Wellness	2020-21	Departmental Faculties Department of Physical Education
3.	SEC-1(3 <sup>rd</sup> Sem Hons.) : Agricultural Botany	2020-21	Departmental Faculties Department of Botany
4.	SEC-2(4th Sem Gen.): Medicinal Botany	2020-21	Departmental Faculties Department of Botany
5.	SEC-2(4th Sem Hons.): Biofertilizers	2020-21	Departmental Faculties Department of Botany
6.	SEC- 1 (H) Archives & Museums in India.  SEC- 1 (G) Archives & Museums in India,	2020-21	Department of History  Departmental Faculties

	SEC- 4 (G) Understanding Popular Culture.  SEC- 2 (H+G) Art Appreciation: An Understanding to Indian Art.  SEC-3 (G) Understanding Heritage		
7.	SEC-1 (H) Logic and Sets	2020-21	Departmental Faculties  Department of Mathematics
8.	SEC-2 (H) Graph Theory	2020-21	Departmental Faculties  Department of Mathematics
9.	Paper SEC 3( G)- Sericulture	2020-21	Departmental Faculties  Department of Zoology
10.	Paper SEC 1(H)- Apiculture	2020-21	Departmental Faculties  Department of Zoology
11.	Paper SEC 3 (G)- Medical Diagnostics	2020-21	Departmental Faculties  Department of Zoology
12.			
13.	SEC-3(Hons.) Computer Basics and Computer Applications  SEC-4 (Hons.) Advanced Spatial Statistical Techniques  SEC-5 (Hons.) Remote Sensing and GIS	2020-21	Departmental Faculties  Department of Geography
14.	SEC-1 (H&G)-E-Commerce  SEC-2 (H)- Entrepreneurship  SEC-(G)-Computer Applications	2020-21	Departmental Faculties  Department of Commerce



15.	SEC-1(H)-Basic Sanskrit Part-1 & Part-2	2020-21	Departmental Faculties Department of Sanskrit
16.	SEC-2 (H)- Spoken Sanskrit	2020-21	Departmental Faculties Department of Sanskrit
17.	SEC-1-(H&G)-Translation Studies	2020-21	Departmental Faculties Department of English
18.	SEC-2-(H&G)-English Language Teaching	2020-21	Departmental Faculties Department of English



*S. K. Basak*

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श्री श्री गणेशाय नमः  
श्री गुरुभ्यो नमः  
श्री शिवाय नमः  
श्री लक्ष्मी नमः  
श्री कल्याणाय नमः  
श्री सुखाय नमः  
श्री धन्याय नमः  
श्री सुखाय नमः  
श्री सुखाय नमः  
श्री सुखाय नमः



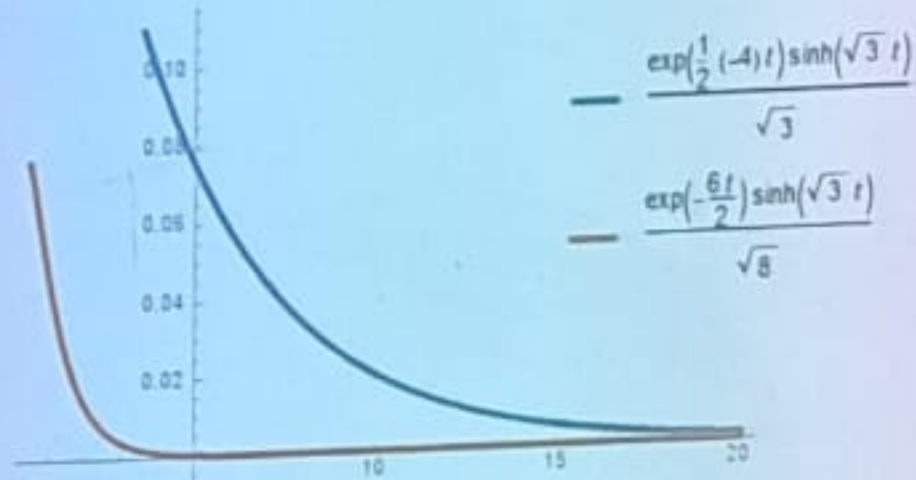




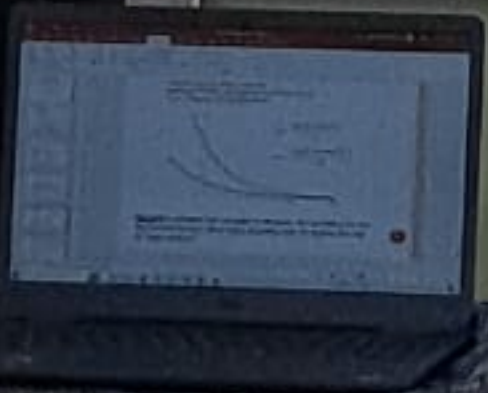
AT CENTRE  
DEPARTMENT OF  
PHYSICAL EDUCATION  
SSA/AL/NOON/17




Case-2: Fixed  $v_0$ , changing  $\mu$  so automatically  $q$  is changing;  $n=1, n=\sqrt{6}$



**Remark:** This is another case of damped oscillation. Obviously it is non-oscillatory and for bigger value of  $\mu$  the graph dies out rapidly.



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Radhanagar, Chapabere, West Bengal 712410, India  
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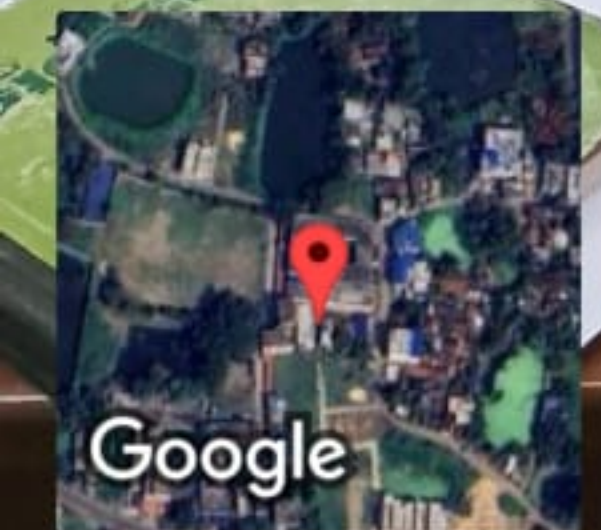
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Long 88.104147°  
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## Maxwell's Equations

MAXWELL'S EQUATIONS are a set of four fundamental equations that describe how electric and magnetic fields interact and propagate in space.

### Gauss's law for electricity

It states that the electric flux through a closed surface is proportional to the total charge enclosed by the surface, divided by the permittivity of the medium.

Gauss's law for magnetism states that there are no magnetic monopoles, and the total magnetic flux through a closed surface is always zero.



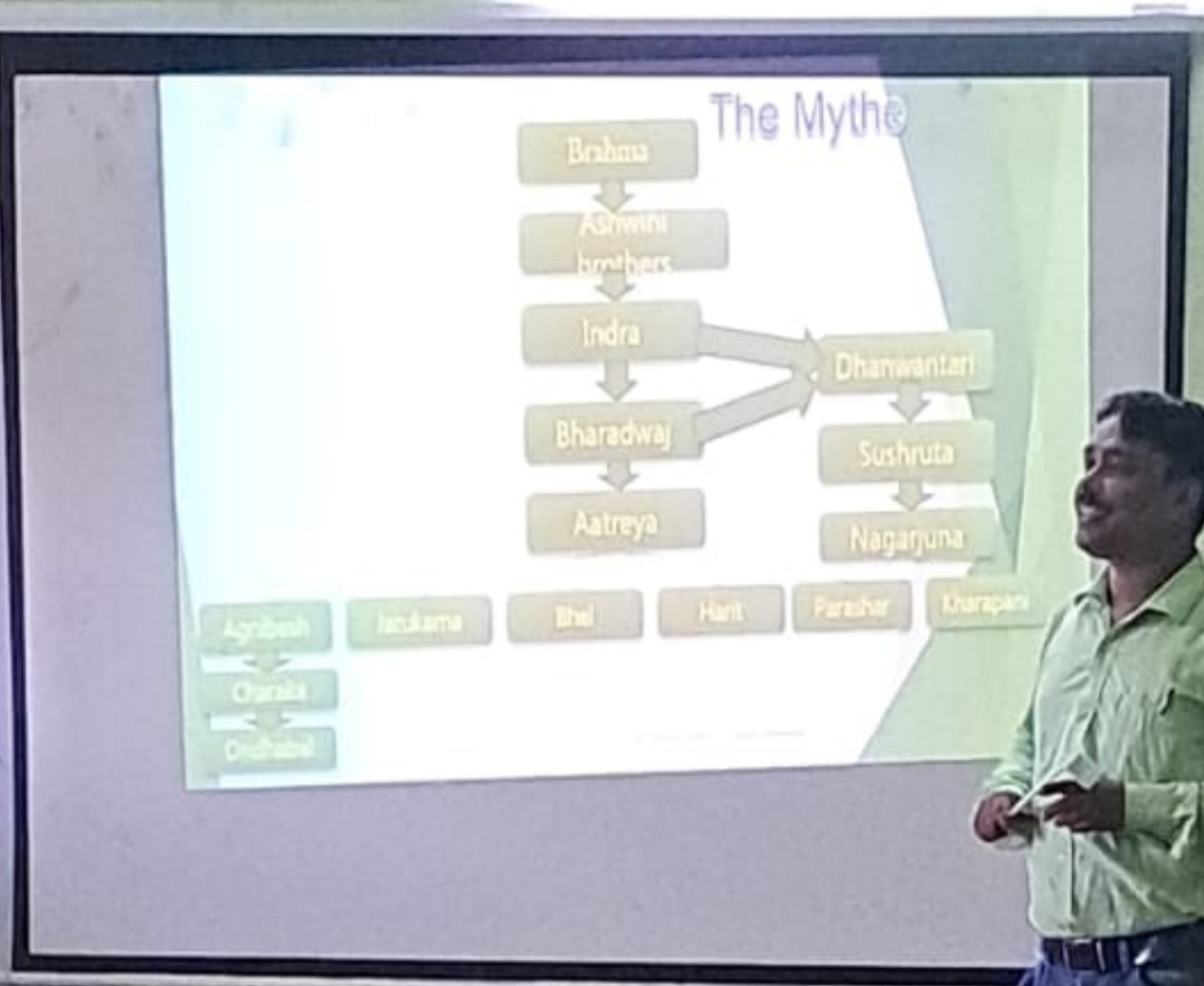
James Clerk Maxwell  
(1831-1879)

### Faraday's law of electromagnetic induction

It describes how a changing magnetic field induces an electromotive force (EMF) in a closed circuit.

Ampere's law with Maxwell's addition incorporates the displacement current term, which accounts for the changing electric field in Ampere's original law, thus completing the set of equations.





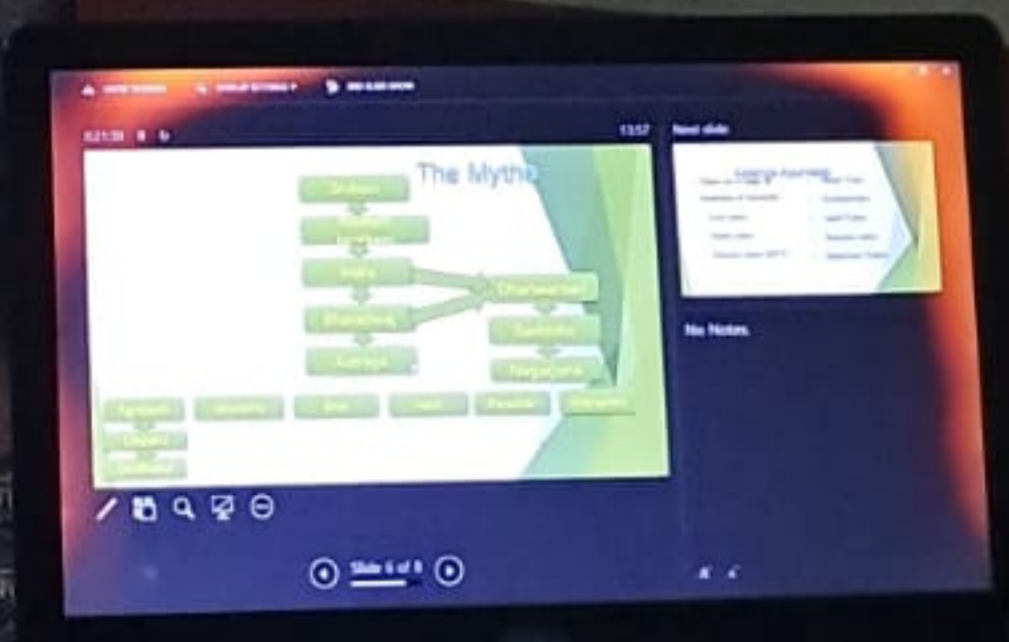
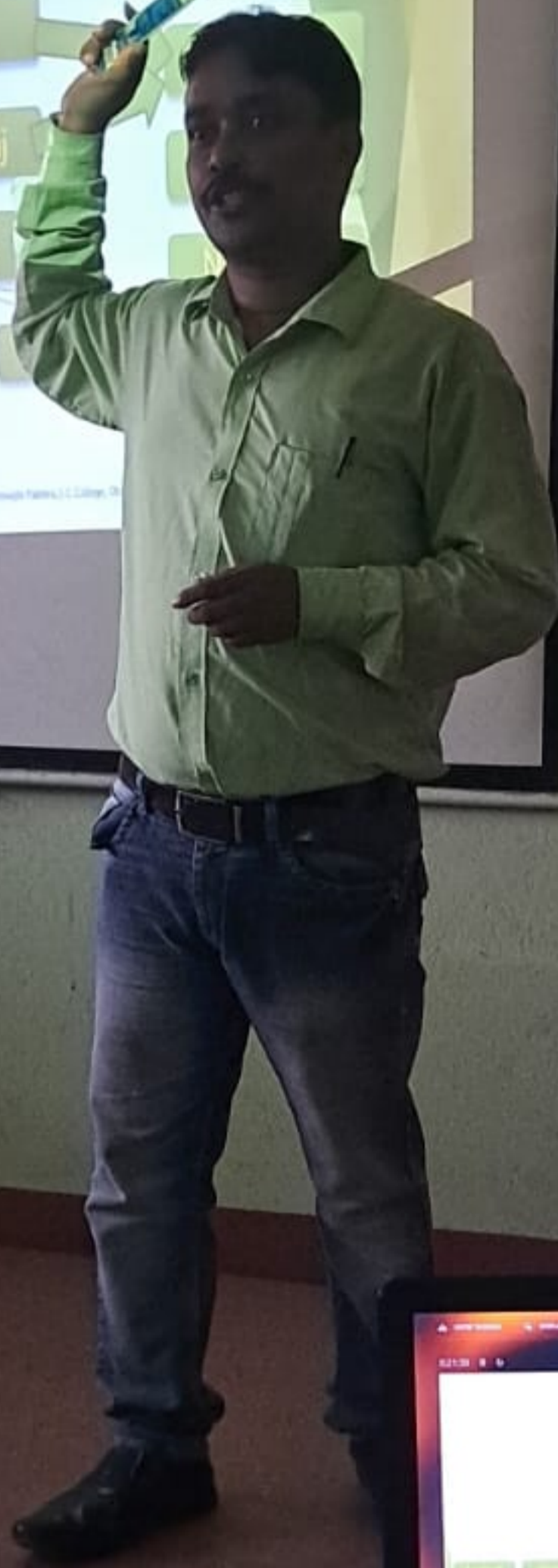
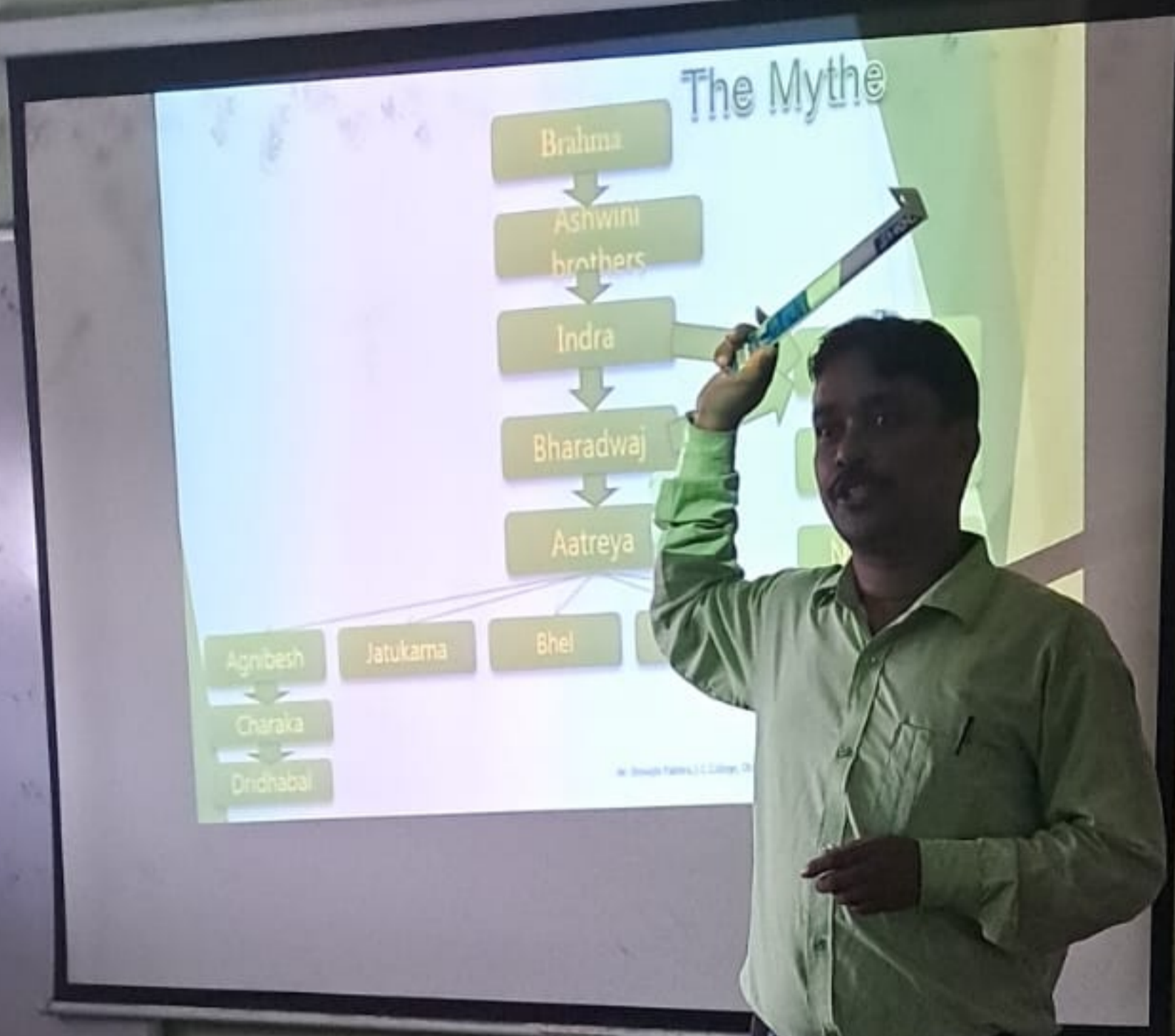
A man in a light green shirt and blue jeans stands next to the projector screen, holding a small device, likely a remote or a phone, and appears to be presenting the slide.



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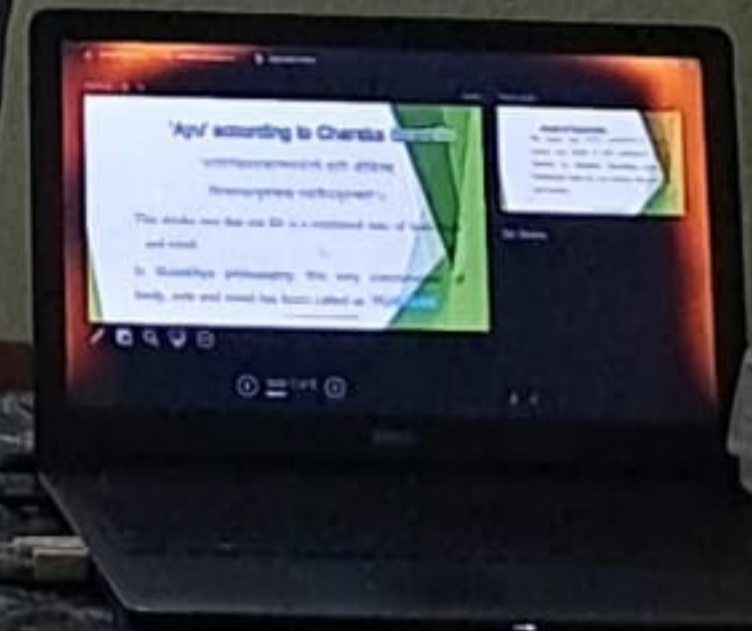
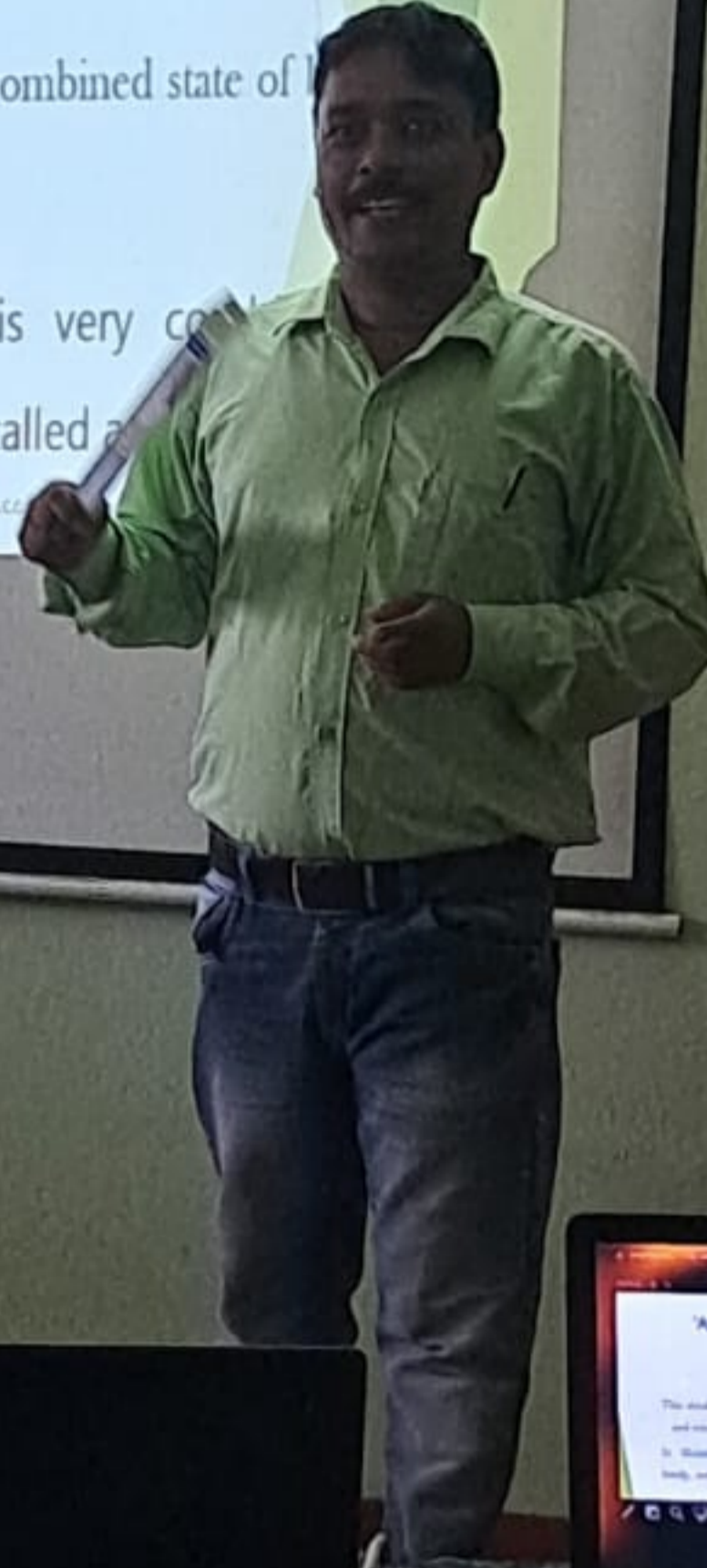
## 'Ayu' according to Charaka Samhita

“शरीरेन्द्रियसत्त्वात्मसंयोगो धारि जीवितम्  
नित्यगश्चानुबन्धश्च पर्यायैरायुरुच्यते”॥

This shloka says that our life is a combined state of  
and mind.

In **Shankhya philosophy**, this very combined  
body, soul and mind has been called a

Dr. BISHU PATRA, S.C.C.



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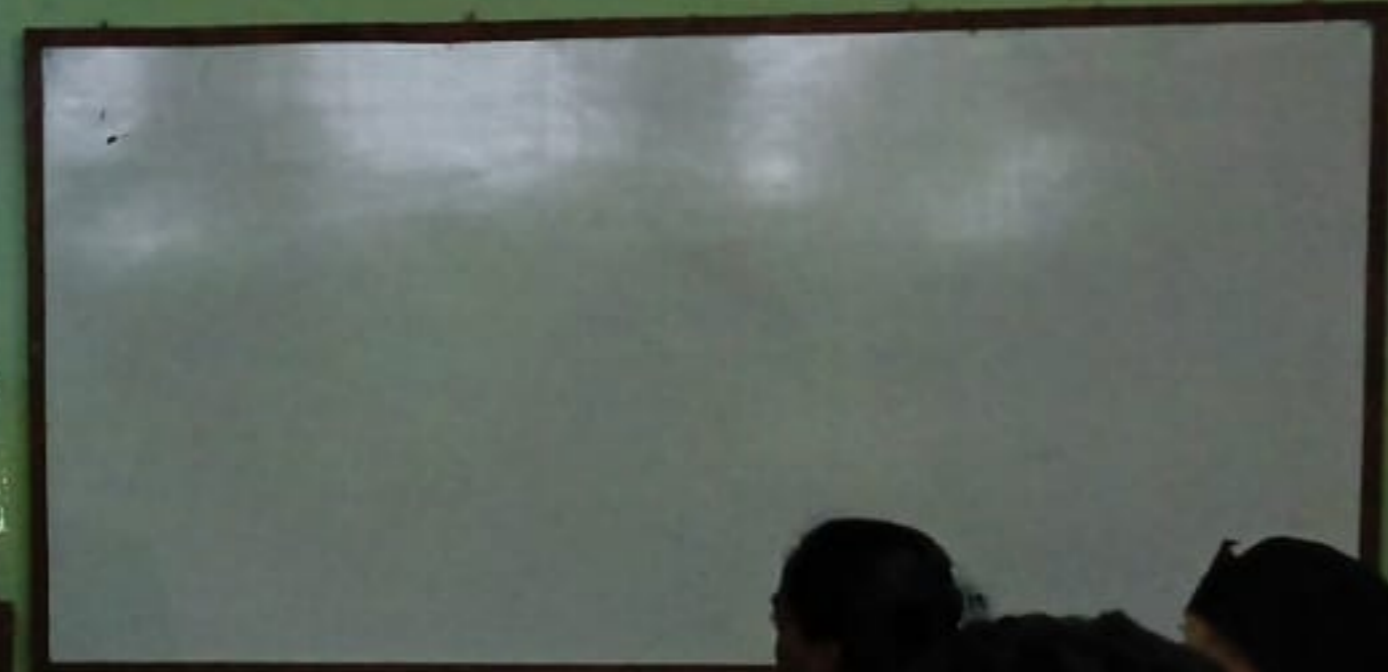
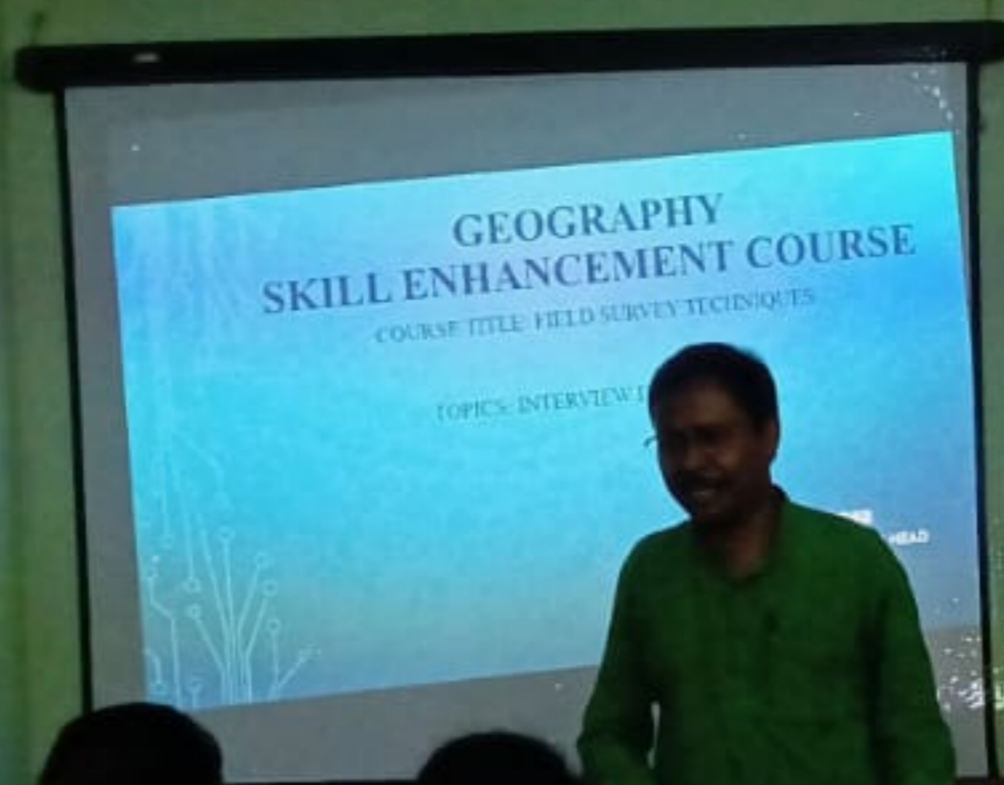
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DR. BARISDIP HALDER  
ASSOCIATE PROFESSOR AND HEAD  
DEPARTMENT OF GEOGRAPHY  
SAHAI CAMPUS COLLEGE

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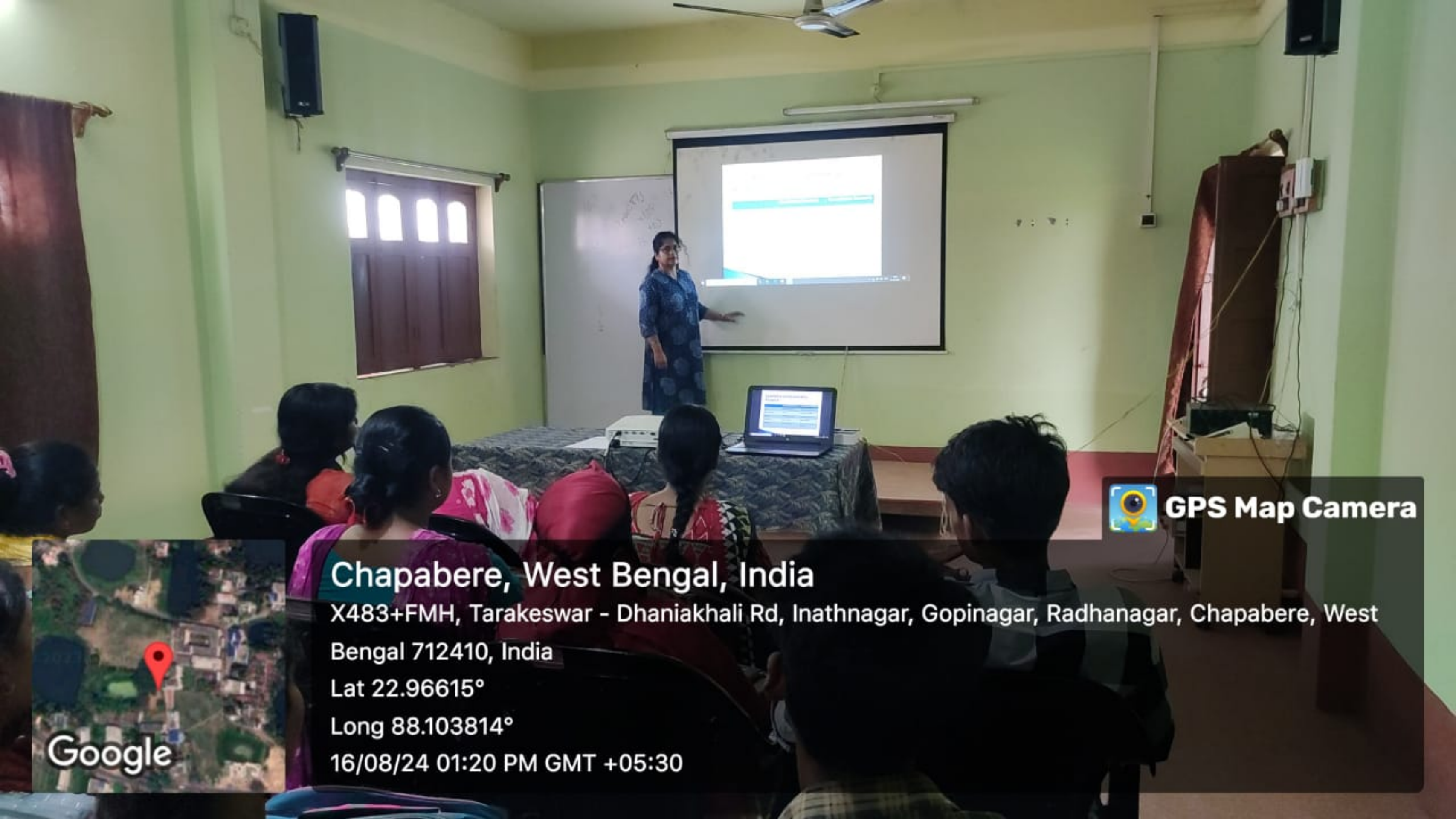
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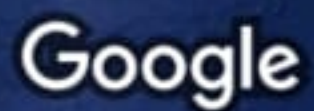
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