



## 2.3.1

# Student Centric Methods

For enhancing learning experiences

**Fourth Cycle NAAC Accreditation**

Submitted to



THE NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

**AQAR–2022-2023, Digboi College, Digboi**

## **2.3.1.1 Experimental Learning**

**2.3.1.1a Student Seminar Presentation**

**2.3.1.1b Scientific Experiments**

## **2.3.1.1a Student Seminar Presentation**

## DEPARTMENT OF PHYSICS

<u>B.Sc. 2nd Sem.</u>			<u>SEMINAR PRESENTATION (2022)</u>	
<u>Sl. No.</u>	<u>Name of the Presenters</u>	<u>Roll No.</u>	<u>Topic</u>	<u>Date</u>
1.	Tara Konwar	134	Electrostatics	01/06/2022
2.	Gaetana Kishor Rumi Das	90 189	conductivity Electric field.	01/06/22 01/06/22
<u>SEMINAR PRESENTATION</u>				
<u>B.Sc. 5th Sem.</u>				
<u>Sl. No.</u>	<u>Name of the presenter</u>	<u>Roll No.</u>	<u>Topic</u>	<u>Date</u>
1.	Abhishek Chatterjee Anandita Ghosh Anon Chatterjee	19210 20121 23	Structural Phase transition	1/11/2022
2.	Banar Kumar Chakr Parvati Kauri Anshu K. Malhotra	48 47 31	Classification of crystals	1/11/2022
3.	Bikash Gogoi Debangshu Paul Deepjyoti Debbarth	50 62 66	Piezoelectric effect	1/11/2022
4.	Arindam Pakhira Gayatri Thapa Gopal Chatter	78 81 83	Pyroelectric effect	1/11/2022
5.	Jaydeep Das K. Yangshob Moumita Kundu	102 103 118	Thermoelectric effect	1/11/2022

## DEPARTMENT OF CHEMISTRY

		Seminar 6 <sup>th</sup> Sem Hons.	15/03/2023
Sl. No.	Name of Student	Signature	Topic
1	Abhishek Poudel	A. Poudel	Spin-Spin coupling
2	Akash Sonowal	P. Sonowal	
3	Akhilesh Rai	A.R.	
4	Anamika Debnath	A. Debnath	
5	Ankur Das	A. Das	Finger-Print Region
7	Ankurajoti Moran	A. Moran	
8	Anshik Dey	A. Dey	
9	Bishwarup Majumdar	B. Majumdar	
10	Dalisha Mili	D. Mili	Lipid.
11	Dhiraj Moran	D. Moran	
12	Dibyajyoti Borogochain	D. Borogochain	
13	Dibruita Choudhury	D. Choudhury	
14	Gaurav Chakrabarty	G. Chakrabarty	Iso-electric point
15	Hritika Sharma	H. Sharma	
16	Jessica Barbara	J. Barbara	
17	Manish Adhikari	M. Adhikari	
18	Meghna Sharma	M. Sharma	Nucleic acid
19	Nayana Sharma	N. Sharma	
20	Preeti Sarma	P. Sarma	
21	Prithvi Limboo	P. Limboo	
22	Priya Konwar	P. Konwar	VSEPR theory
23	Priyanshu Chetny	P. Chetny	
24	Rahul Sonar	R. Sonar	
25	Retu Chetny	R. Chetny	
26	Rohit Chetny	R. Chetny	Stokes and Anti-Stokes line
27	Simi Moran	S. Moran	
28	Tuxon Chetia	T. Chetia	

## **2.3.1.1b Scientific Experiments**

Glimpses of Scientific Experiments performed by students in the **Physics Department** laboratory



Glimpses of Scientific Experiments performed by students in the **Chemistry Department** laboratory





Glimpses of Scientific Experiments performed by students in the **Zoology Department** laboratory



Glimpses of Scientific Experiments performed by students in the **Botany Department** laboratory



## **2.3.1.2 Participative Learning**

**2.3.1.2a Peer Coaching**

**2.3.1.2b Learning by Doing**

**2.3.2.2c Preparation of Wall Magazines**

## **2.3.1.2a Peer Coaching**

## Glimpses of Peer Coaching activities under taken by students-



## **2.3.1.2b Learning by Doing**

## Learning amidst nature



## **2.3.1.2c Preparation of Wall Magazine**



## Glimpses of Wall Magazines of various departments



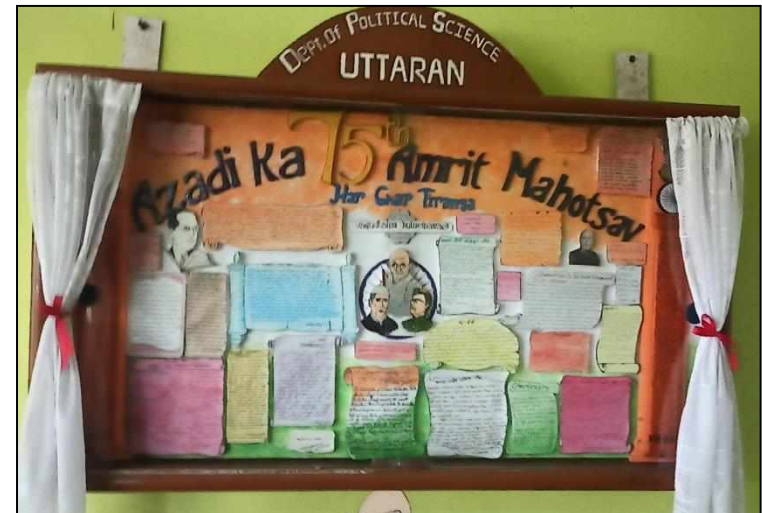
**DEPARTMENT OF ELECTRONICS**



**DEPARTMENT OF CHEMISTRY**

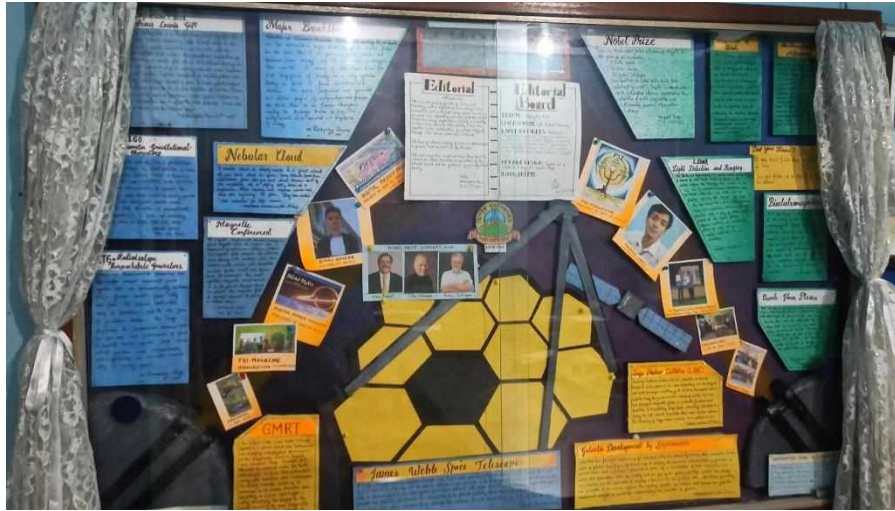


**DEPARTMENT OF EDUCATION**

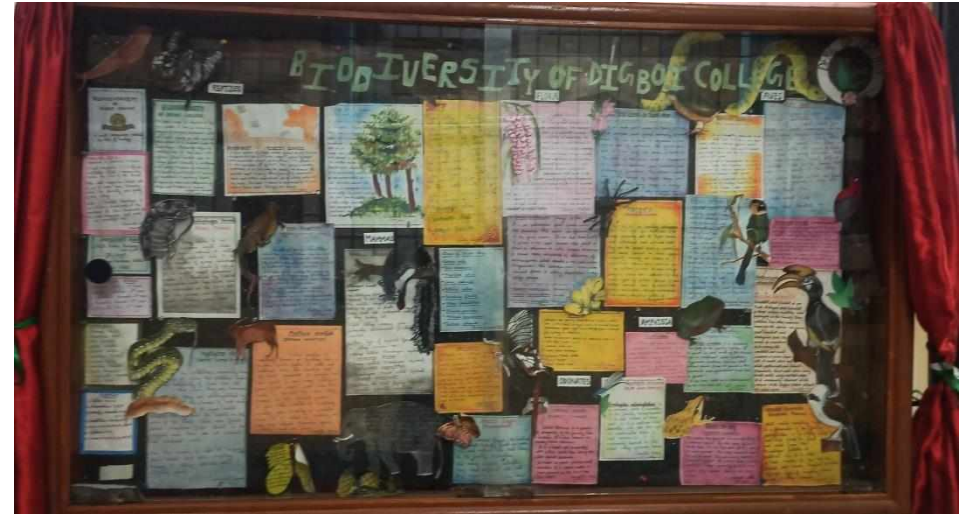


**DEPARTMENT OF POLITICAL SCIENCE**

## Glimpses of Wall Magazines of various departments



**Department of Physics**



**Department of Zoology**

## **2.3.1.3 Problem Solving Methodology**

**Higher order thinking Assignments**

# Glimpses of problems assigned to students

Classroom > SEM-V (CBCS) HONS-2022

Stream **Classwork** People Grades

### C-XI: Quantum Mechanics and Applications

Deep Kumar Kuri posted a new material: Unit 4

Posted Dec 4, 2022

Quantum\_C-11\_Unit-4.pdf PDF

Add class comment...

Deep Kumar Kuri posted a new material: Unit 3

Posted Nov 1, 2022

Quantum\_C-11\_Unit-3.pdf PDF

Add class comment...

Classroom > SEM-VI\_HONS\_2022-23

Stream **Classwork** People Grades

### C-XIII: Electromagnetic Theory


Deep Kumar Kuri posted a new material: Wave Impedance and Wave propagation through p...

Posted Apr 11


plasma.pdf PDF


wave\_impedance.pdf PDF

Add class comment...

 **Sanat Kumar Gogoi**  
Oct 12

Participate in these two short assignments in a quiz format.  
It is a part of the C5 practical.

 **Quizizz | Free Online Quiz...**  
<https://quizizz.com/join/quiz/65...>

 **Kahoot! for formative asse...**  
<https://create.kahoot.it/share/kal...>