

## **REPORT – Alumni Talk – Department of Geology**

- ☐ **TITLE OF EVENT/ PROGRAMME (SEMINAR/ WEBINAR/ WORKSHOP/ EXTENSION LECTURE/ EXTENSION ACTIVITY/ ANY OTHER ACTIVITY):** Alumni Talk
- ☐ **THEME OF THE EVENT/ PROGRAMME:** Global Climate and Energy (GCE) Transformation. (A planetary restoration think tank....  
Transtitioning now from concept to proofs
- ☐ **ACADEMIC SESSION:** 2024-2025
- ☐ **DATE:** 01.08.2024
- ☐ **VENUE:** Seminar Hall, Centenary Building  
22, Kalighat Road, Jatin Das Park, Patuapara, Bhowanipore,  
Kolkata, West Bengal 700025
- ☐ **OBJECTIVE/ PURPOSE:** The purpose of this programme is to create opportunities for the students of the department to engage, interact and learn from past members of the Department of Geology. The talk was delivered by **Prof. Sambhudas Chaudhuri** is a respected geoscientist who significantly contributed to the interaction of geosciences and environmental health. While his primary career was in the U.S., his academic work remains influential for researchers working across sediment and environmental geochemistry. His work bridged **analytical geochemistry** and **real world environmental applications**. Such interactive sessions with such an eminent scientist of the department can be motivating for the present students.
- ☐ **SPEAKER/S / RESOURCE PERSON/S:** Prof. Sambhudas Chaudhuri, Chief Scientific Officer ,Geochemistry and Geology ,Petroleum Geology Houston (U.S.A)
- ☐ **TARGET AUDIENCE/ PARTICIPANTS:** 2<sup>nd</sup> Semester Students of the Department of Geology and all the faculty members.
- ☐ **ATTENDANCE SHEET:** Attendance sheet list is attached.

Department of Geology  
Alumni Talk  
Attendance sheet

1/08/2024

Sl. No.	Name	College/institute	Semester
1.	Jyoti Thapa	Asutosh college	Pu.12 2nd yr.
2.	Angshuman Paul	Asutosh college	B.Sc. Hons (2nd Sem)
3.	Bijaywita Chakraborty	Asutosh college	B.Sc. Hons (Sem 2)
4.	Ganik Biswas	Asutosh college	B.Sc. Hons (Sem 2)
5.	Ayushmaan Kay Mishra	Asutosh college	B.Sc. Hons (Sem 2)
6.	Prateek Biswas	Asutosh college	B.Sc. Hons (Sem 2)
7.	Swastika Roy	Asutosh college	B.Sc. Hons (Sem 2)
8.	Barpan Basak	Asutosh College	B.Sc. Hons (Sem 2)
9.	Shreyya Roy	Asutosh College	B.Sc. Hons (Sem 2)
10.	Jashar Roy Mukherjee	Asutosh College	B.Sc. Hons (Sem 2)
11.	Trider Kumar Sarker	Asutosh College	B.Sc. Hons (Sem II)
12.	T. Nishant Das	Asutosh College	B.Sc. Hons (Sem 2)
13.	Aghazalep Mondal	Asutosh college	B.Sc. Hons (Sem II)
14.	Aditi Purakajastha	Asutosh college	B.Sc. Hons (Sem II)
15.	Arya Chandra	Jadavpur University	B.Sc. Hons (2nd yr)
16.	Chiranjib Chatterjee	Asutosh college	B.Sc. Hons (Sem II)
17.	Sahin Sayan Akhtar	Asutosh college	B.Sc. - (Sem II)
18.	Nangis Khatun	Asutosh college	B.Sc. Hons (Sem II)
19.	Aakash Sarkar	Asutosh coll	B.Sc. H. Sem II
20.	Naitik Saha	Asutosh college	B.Sc. Hons (Sem II)
21.	Debadrita Kundu	Asutosh college	B.Sc. Hons (Sem II)

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**BRIEF REPORT ABOUT THE EVENT/ PROGRAMME:** Climate and Energy (GCE) Transformation refers to the worldwide shift toward sustainable, low-carbon systems to combat climate change and ensure energy security. This includes transitioning from fossil fuels to renewable energy sources like solar, wind, and hydro, improving energy efficiency, and adopting technologies such as electric vehicles, smart grids, and green hydrogen. Driven by the climate crisis, technological innovation, and international agreements like the Paris Agreement, the transformation aims to reduce greenhouse gas emissions, promote economic resilience, and support a just transition for all societies. Challenges include high transition costs, policy gaps, and ensuring equity across nations. The lecture was conducted for the students of 2<sup>nd</sup> semester Geology (H). It was an interactive session, during which students were also given assignments to complete, and any ensuing doubts in students were also addressed by the speaker.

- ❑ **EXPECTED OUTCOME:** To develop a holistic understanding of subject from such an eminent scientist. Engaging the students with real world climate and energy problems encourages critical thinking and practical solution-building.
- ❑ **GEO-TAGGED PHOTOS:** Geo tagged photos are attached here.





