

REPORT ON SPECIAL LECTURE

- TITLE OF PROGRAMME: **Dynamicity of lowland rivers: Spatio-temporal alterations in hydrology and morphology of the river Bhagirathi-Hugli, India**
- THEME OF THE EVENT/ PROGRAMME: **Special Lecture**
- ACADEMIC SESSION: **2025-2026**
- DATE: **17th December, 2025**
- VENUE: **Offline Mode: GIS Lab, 4th floor, Asutosh College**
- OBJECTIVE/ PURPOSE: **To familiar the students of graduation, post-graduation and research scholar with the advanced geomorphological research using remote sensing and AI**
- SPEAKER/S / RESOURCE PERSON/S: **Prof. Sujit Mandal, Department of Geography, Diamond Harbour Women's University, India**
- TARGET AUDIENCE/ PARTICIPANTS: **UG, PG students and research scholars of the department**
- ATTENDANCE SHEET: Attached below

Special Lecture on
DYNAMICITY OF LOWLAND RIVERS:
Spatio-Temporal Alterations in Hydrology and Morphology of the River Bhagirathi-Hugli, India
 Organized by
 Department of Geography
 In collaboration with
 Research & Development Cell and IQAC, Asutosh College

Speaker: Dr. Sujit Mandal, Professor, Diamond Harbour Women's University

Date: 17.12.2025

Sl no	Name	Sem	Signature with date
1.	Soumyadeep Saha	UG 5 th	Soumyadeep Saha 17.12.2025
2.	Subhodip Das	UG-5 th	Subhodip Das 17.12.2025
3.	Tirthankar Bal.	UG-5 th	Tirthankar Bal. 17.12.2025
4.	Tiasha Pal	PG 3 rd	Tiasha Pal 17.12.2025
5.	Sarbani Chakrabarty	PG 3 rd	Sarbani Chakrabarty 17/12/2025
6.	Writi Seth	PG 3 rd	Writi Seth. 17/12/2025
7.	Suchetana Mukherjee	PG 3 rd	Suchetana Mukherjee 17/12/2025
8.	Akash Singh	PG 3 rd	Akash Singh - 17/12/2025
9.	Shreyasi Baidya	PG 3 rd	Shreyasi Baidya 17/12/25
10.	Debangana Pal	PG 3 rd	Debangana Pal 17.12.25
11.	Sreeranjani Ghosh	PG 3 rd	Sreeranjani Ghosh 17/12/25
12.	Deepshikha Karjee	PG 3 rd	Deepshikha Karjee 17.12.25
13.	Arnabi Bhattacharjee	PG 3 rd	Arnabi Bhattacharjee. 17.12.25
14.	Rimon Ghosh	PG 3 rd	Rimon Ghosh 17/12/25
15.	Sourav Pradhan	PG 3 rd	Sourav Pradhan 17/12/25
16.	Priya Dijarc	PG 3 rd	Priya Dijarc 17/12/25
17.	TUHIN SARDAR	PG 3 rd	Tuhin Sardar 17/12/25
18.	Sankalpa Karan	PG 1 st	Sankalpa Karan 17.12.25
19.	SNAHANSU BISWAS	PG 1 st	Snahansu Biswas 17.12.25
20.	AYAN BISWAS	PG 1 st	Ayan Biswas 17/12/25
21.	PIYUSH SHAW	PG 1 st	Piyush Shaw 17/10/25
22.	Palash Chakrabarty	PG 1 st	Palash Chakrabarty 17/12/2025

Sl no	Name	Sem	Signature with date
23.	Bidipta Biswas	PG 1st	Bidipta Biswas 17.12.25
24.	Amisha Parveen	PG 1st	Amisha Parveen 17.12.25
25.	Sudipa Sanphui	PG 1st	Sudipa Sanphui 17.12.25
26.	Swarika Senby	PG 1st	Swarika Senby 17.12.25
27.	Raima Mukherjee	PG 1st	Raima Mukherjee 17.12.25
28.	Dipannita Das.	PG 1st	Dipannita Das. 17/12/2025
29.	Pawani Sondan	PG 3rd	Pawani Sondan 17/12/2025
30.	Rajashree Saha	PG 1st	Rajashree Saha 17/12/2025
31.	Bonisha Gupta	PG 1st	Bonisha Gupta 17.12.2025
32.	Anwesha Chakraborty	PG 1st	Anwesha Chakraborty 17/12/25
33.	Sanjana Sultana	PG 1st	Sanjana Sultana 17/12/25
34.	Anushka Saha	PG 1st	Anushka Saha 17.12.25
35.	Bidipta Maity	PG 3rd	Bidipta Maity 17.12.25
36.	Prarthita Das	PG 3rd	Prarthita Das 17/12/25
37.	Sohini Tati	PG 3rd	Sohini Tati 17/12/25
38.	Jayanta Dey	PG 3rd	Jayanta Dey 17/12/25
39.	Saheli Paul	PG 8 th	Saheli Paul 17/12/25
40.	SARTHAK MALLICK	UG SEM-IV	Sarthak Mallick [17th Dec., 2025]
41.	SIDDHARTHA SAHA	UG SEM-IV	Siddharta Saha 17/12/2025
42.	Shramasambhab Saha	UG SEM-I	Shramasambhab Saha 17/12/25
43.	Jishnu Bhattacharyya	UG SEM-I	Jishnu Bhattacharyya 17/12/25
44.	Anumita Das	UG SEM-V	Anumita Das 17/12/2025
45.	Fiza Mistri	UG SEM-V	Fiza Mistri 17/12/25
46.	Snulha Halden	UG SEM-V	Snulha Halden 17/12/25
47.	Antika Mondal	UG SEM-V	Antika Mondal 17/12/25
48.	Nupur Das	UG SEM-V	Nupur Das 17/12/25
49.	Joty Halden	PG SEM-I	Joty Halden 17/12/25
50.	Pooja Nayak	PG SEM-I	Pooja Nayak 17/12/25

Sl no	Name	Sem	Signature with date
51.	Tiyasa Mukherjee	UGI SEM-IV	Tiyasa Mukherjee, 17/12/2025
52.	Tithi Das	UGI Sem-IV	Tithi Das 17/12/2025
53.	Simrin Rejak	UGI Sem-IV	Simrin Rejak 17/12/2025
54.	Disha Ghosh	UGI Sem-IV	Disha Ghosh 17/12/2025
55.	Swayer Sekhari Dang	UGI Sem-V	<i>S. Dang</i> 17/12/2025
56.	Prodhom Soren	UGI sem-IV	Prodhom Soren 17/12/25
57.	Umanas Pal	UGI Sem-IV	Umanas Pal 17/12/25
58.	Abhayadeep Guha	UGI Sem-IV	Abhayadeep Guha 17/12/25
59.	Sweety Mondal (1419)	UGI Sem-IV	Sweety Mondal 17/12/25
60.	Sneha Maity (Roll: 549)	UGI Sem-V	Sneha Maity 17/12/25
61.	Soumyaishree Sinha	Pg ISt	Soumyaishree Sinha 17/12/25
62.	Sirina Khatun	UGI Sem-IV	Sirina Khatun 17/12/25
63.	TANWEE GHOSH	UGI Sem-IV	Tanwee Ghosh 17/12/25
64.	Susneta Majumder	UGI -I	Susneta Majumder 17/12/25
65.	Ayan Biswas	Pg II	Ayan Biswas 17/12/25
66.	Sumana Saur	Pg -III	Sumana Saur 17/12/25
67.			

➤ BRIEF REPORT ABOUT THE EVENT/ PROGRAMME:

The Department of Geography, Asutosh College, successfully hosted a special lecture by Prof. Sujit Mandal (Department of Geography, Diamond Harbour Women's University) on "Dynamicity of Lowland Rivers: Spatio-Temporal Alterations in Hydrology and morphology of the River Bhagirathi-Hugli, India." The session aimed to introduce advanced geomorphological methodologies like use of remote sensing, artificial intelligence, use of advanced instruments for field survey for geomorphological research. This event was scheduled to take place on Wednesday, 17th December 2025, at 12:30 P.M. at GIS Lab (4th Floor), department of Geography, Asutosh college. The lecture was truly inspiring and thought-provoking, leaving both faculty members and students enriched with new insights and perspectives. It was a complete package lecture, seamlessly integrating extensive field surveys using sophisticated instruments, the application of advanced statistical models, and the effective use of Remote Sensing, GIS, and AI-based approaches in river hydrology research. Prof. Mandal's lucid explanation, rich empirical evidence, and methodological depth made the session highly engaging and academically stimulating. Participants thoroughly enjoyed the lecture and learned several valuable concepts relevant to contemporary geographical research and practice. This session attracted a large number of UG, PG students and research Scholar. Through this initiative, the Department of Geography aimed to inspire attendees, encourage academic innovation, and broaden perspectives on how geography as a discipline adapts to the demands of a rapidly changing world.

➤ EXPECTED OUTCOME:

Participants will gain insights into the advancements and transitions in geographical research and methodologies. The lecture aims to enhance academic understanding, stimulate critical thinking, and inspire innovative approaches in geographical studies among students and researchers.

➤ **GEO-TAGGED PHOTOGRAPHS:**

