

Educational Field Visit to Panchalingeshwar-Kuldiha, Odisha, India.

- **TITLE OF PROGRAMME:** Educational Field Visit
- **DATE:** 12.01.2025-15.01.2025
- **VENUE:** Panchalingeshwar-Kuldiha, Odisha, India
- **OBJECTIVE/ PURPOSE:** The objective of the Field visit was to study the biodiversity of birds, insets and plants in Kuldiha-Panchalingeshwar area of Odisha, India.
- **PARTICIPANTS:**

Sl. No.	Name	Designation
1	Ankan Halder	PG semester 1 student
2	Md. Kaif Mollah	PG semester 1 student
3	Sk. Fatima Zhara	PG semester 1 student
4	Shruti Kumari	PG semester 1 student
5	Sudeepa Moyra	PG semester 1 student
6	Shreya Biswas	PG semester 1 student
7	Sabana Khatun	PG semester 1 student
8	Urjaswee Bhowmik	PG semester 1 student
9	Kritika Suji	PG semester 1 student
10	Sampurna Das	PG semester 1 student
11	Sohini Mnadal	PG semester 1 student
12	Dr. Shramana Roy Barman	Faculty
13	Dr. Arijit Chatterjee	Faculty
14	Dr. Santanu Chowdhury	Faculty

- **BRIEF REPORT ABOUT THE EVENT/ PROGRAMME:**

The field began on 12.01.2025 as all students and faculty members arrived at Shalimar Station and started for Panchalingeshwar, Odisha. Over the next 3 days the students visited the nearby forested areas of Panchalingeshwar and Kuldiha to study the plant, insect and bird biodiversity. Various field techniques such as transects for bird study, quadrats for vegetation study, tree architecture study, pit fall and light trap for insect study were taught. A comparative analysis of biodiversity of the two locations, i.e Panchalingeshwar and Kuldiha was also done. Students were taught the use of field manuals and binoculars for identification of birds and plants. The basic concepts of sampling techniques were also clarified with practical applications. The

education trip was wrapped up on 15.01.2025 and the students culminated the study into a report as their final submission.

➤ **EXPECTED OUTCOME:**

The field experience is an essential part of the course curriculum of Environmental Science as it equips students with first hand understanding of the methodologies used in an ecological study. Students learn to identify, document, and classify various species, analyze patterns of species distribution and abundance along with understanding the effect of human intervention into these communities. This hands-on experience is aimed to enhance the skills in field data collection, species identification, ecological observation, and the use of biodiversity assessment tools. Overall, this field study was aimed to strengthen students' research capabilities in the field of ecology.

➤ **GEO-TAGGED PHOTOGRAPHS:**

