

Report on Field Visit to Purbo GurGuria

Date: 27th July 2024

Organized By: Department of Botany, Raidighi College

In Association With: Lokomata Rani Rashmoni Mission, Nimpith

Accompanied By: Dr. Madhumita Majumder & Mr. Asim Panda

Participants: 6 students from Semester IV & Semester II

Introduction:

As part of the syllabus for Semester IV (CC8 & CC9), the Department of Botany, in collaboration with Lokomata Rani Rashmoni Mission, Nimpith, organized a field visit to Purbo GurGuria on 27th July 2024. This visit coincided with the observance of *World Mangrove Day*, which is celebrated on 26th July each year. The visit aimed to enhance students' understanding of mangrove ecosystems, man-animal conflicts, and the livelihood of local communities.

Objectives:

1. To observe and understand the unique habitat of the Sundarbans mangrove ecosystem.
2. To study the adaptations of flora and fauna in mangrove habitats.
3. To analyze the impact of human activities on the environment.
4. To create awareness regarding man-animal conflicts in the region.
5. To gain insights into the sustainable livelihood of the local populace.

Field Visit Activities:

- **Mangrove Habitat Observation:** Students explored the mangrove forests, identifying various species of mangroves and their ecological importance in coastal protection.
- **Biodiversity Study:** An interactive session was conducted to discuss the rich biodiversity of the region, including species endemic to the Sundarbans.
- **Man-Animal Conflict Awareness:** The field visit highlighted the issues of human-wildlife interactions, particularly concerning the Royal Bengal Tiger, crocodiles, and other species.
- **Interaction with Local Communities:** Students engaged with local residents to understand their means of sustenance, including fishing, honey collection, and sustainable resource use.
- **Conservation Awareness:** Emphasis was placed on the necessity of conservation efforts and the role of mangroves in climate change mitigation.

Conclusion:

The field visit provided an invaluable opportunity for students to gain first-hand knowledge of mangrove ecosystems and the challenges faced by local communities. The Department of Botany successfully integrated academic learning with practical exposure, reinforcing the importance of ecological conservation. The visit concluded with a discussion on the need for collective efforts to protect the Sundarbans, ensuring its sustainability for future generations.





