

REPORT ON BOTANICAL EXCURSIONS

2024-25

- 1. Short field trip to Samsing, Malbazar (20.11.2024)
- 2. Long excursion to Todey-Tangta, Kalimpong (26.03.25 to 28.03.25)

DEPARTMENT OF BOTANY

Enlistment of plants observed in the field and submission of field note, with field photography and preservation

Ananda Chandra College Jalpaiguri B.Sc in Botany Introduction: Excursions, fieldwork, field courses and other field elements are fundamental components of education in biology. The field education aims at offering students the opportunity to apply theoretical knowledge, methods and techniques, get knowledge of current research, develop observation skills, practicing both individual work and team work, experience unfamiliar places, make new discoveries, get new impressions, perspectives and ideas. - Experience is very powerful source of knowledge. It can be gain by interacting any livingornon-livingobjects.Theextensionofknowledgeisexpandingdaytodayinthe present era. Teaching is a form of interaction between two or more than two person for transmitting information by different ways. The way of transmitting information by the interaction between two or more people in a disciplined manner is known as teaching method. Excursion method is an impressive and important teaching method which can be used in many disciplines like as Botany, Geography, History, Physics, Chemistry, Culture, Political Science, Archaeology, Geophysics, Genetics, Literature, Music, Fine arts, etc. Specially, this method is used in behavioral sciences. The word 'excursion' means a journey, trip, tour planned for social studies students in which the students actually visit places or site and has the first hand experience which excursion results in easy, interesting and effective learning.

Rationale: The Excursion is part of Syllabus for Undergraduate course under University of North Bengal for:

SEM2: Botany Major (under FYUGP)-Paper Microbiology (Major 3)

SEM 4 Botany Major (under FYUGP) – Paper Pteridology, Gymnology and Palaeobotany (Major 6) and Taxonomy of Angiosperms (Major 8)

SEM6 Honours (under CBCS)-Paper Research Methodoloy (DSE4)

Excursions in the Academic Session 2024-25:

In this academic session the department organized two educational excursions for the students as per the requirement of the syllabus. One local field trip (one day) was arranged at Samsing, Jalpaiguri and another two day trip was conducted in Todey-Tangta, Kalimpong near the borders of Bhutan. Samsing is a small hill village in the Malbazar subdivision of Jalpaiguri district, situated at an elevation of 3000 ft in the foothills in between Jalpaiguri and Darjeeling district borders. It is known for its beautiful landscape with green tea gardens, hills and forests. Within 18 kms is the Neora Valley National Park. Its climate is noted for fog and cool breezes and a high rainfall. Some beautiful spots are Lali Guras, Rocky Island, Suntaley Khola etc. The students studied the ecology and vegetation of the area, collected plant specimens for their herbarium sheets and also took photographs for digital documentation. Our second destination was Todey-Tangta, Kalimpong near the borders of Bhutan. Todey and Tangta are two small villages in Gorubathan block in Kalimpong Sadar Subdivision. Situated at an elevation of 4307.4 ft the area is famous for Black Cardamom production. The area is also known for medicinal plants. Due to its geographical proximity to Bhutan, the region has evolved into a melting pot of Bhutanese and Indian cultures. The place was selected keeping in mind the vegetational change the students may encounter at higher altitudes. Todey- Tangta is a pristine eco-friendly village bounded by the Bhutan hills. The students studied the ecology and vegetation of the area, collected plant specimens for their herbarium sheets and also took photographs for digital documentation. They also gained knowledge about organic farming through terraced cultivation.

Members:

- i) Faculty: Mr. S. Sen (HOD); Dr. P.Ray; Dr. K Majhi ; Ms. A. Biswas .
- ii) Students: A group of 34 students of B.Sc Botany Honours and Major of 2nd, 4th & 6th Semesters participated in the local trip to Samsing. 14 students participated in the long trip to Todey-Tangta.

PHOTOGALLERY:































