

ZOOLOGICAL FIELD TRIP/ EXCURSION TO CHANDIPUR AND SIMLIPAL NATIONAL PARK, ORISSA, INDIA

YEAR: 2023

*(Undertaken by Post Graduate Department of Zoology, Darjeeling Government College,
Darjeeling)*

Introduction:

Zoological field study creates an opportunity for a dynamic and immersive approach to learning, and it plays a pivotal role in shaping the scientific minds of students. It involves venturing into the great outdoors to observe, study, and analyse living organisms within their natural habitats, understanding of animals and their life. The value zoological field study is in observing fauna, flora in its natural habitat and to study its role in nature.

Zoology provides knowledge about the structure, physiology, development, and classification of animals, enabling us to better understand animals, wildlife, our environment, and ourselves. Additionally, a sound background in zoology is essential for success in modern-day biological research, as it helps in understanding how molecular information fits into the bigger picture. Field studies in vertebrate zoology are also valuable for students as they allow direct observation of different species, documentation of physical evidence, and description of animal characteristics, leading to improved mastery of concepts.

Furthermore, zoos have important functions as scientific and cultural institutions, including education, data repositories, and breeding centers for endangered species. Overall, zoology is a diverse and vibrant discipline that blends natural history with modern technologies and applications, offering various career paths and contributing to environmental management, planning, and health sciences.

Objectives of Zoological Field Trip/Excursion:

1. To provides the student with the opportunity to study fauna and flora in its natural environment.
2. To promote and encourage students to explore the wonders of nature.
3. To learn about the importance of sustainable development and meaningful conservation.
4. To meet concerned people associated in the field of natural sciences and get benefitted from their knowledge and expertise in their field.

5. To visit National Parks, Wild Life Sanctuaries, Conservation units, Natural Museums, Institutions of repute related to biological sciences.
6. To collect and study samples and specimens found in ecological field site.

**SCHEDULE OF THE ZOOLOGICAL FIELD TRIP/ EXCURSION TO
CHANDIPUR AND SIMLIPAL NATIONAL PARK, ORISSA, INDIA
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TRAVEL LOG					
SL. NO.	DATE	PLACE		PURPOSE	REMARKS
		FROM	TO		
1	19.01.2023	Darjeeling Government College	NJP Railway Station, Siliguri		Field trip started from Darjeeling Government College Campus
2	19.01.2023	NJP Railway Station, Siliguri	Balasore Railway Station		Train Journey
3	20.01.2023	Balasore	Chandipur, Orissa	Quadrant study, sample collection in beach area	Bird watching in sea beach.
4	21.01.2023	Chandipur	Chandipur sea beach survey	Quadrant study, sample collection in beach area	Very few samples were collected from the beach area.
5	22.01.2023	Chandipur Sea beach	Shore area	Study of faunal diversity in sea beach area and shore area.	Students were taken for bird watching trip in the Chandipur area.
6	23.01.2023	Chandipur	Simlipal National Park (Tiger Reserve)	Study of fauna/ flora/ habitat/ Biodiversity study	Visit to Tiger Reserve at Simlipal National Park
7	24.01.2023	Chandipur Sea beach area	Chandipur Shore line, grass land and forest	Quadrant study, sample collection in beach area	Sample collection from jetty(fishing harbor) in Chandipur, Orissa
8	24.01.2023 (Evening)	Balasore Railway Station	NPJ Railway Station, Siliguri		Train Journey
9	25.01.2023	NPJ Railway Station, Siliguri	Darjeeling Government College		Field trip culminated at Darjeeling Government College Campus

Excursion Team:

Teacher Guide/Escort

- (1) Dr. Dawa Bhutia (WBES): Team Leader
- (2) Dr. Prantik Hazra (WBES): Team Leader
- (3) Ms. Priyanka Saha (WBES): Student Co-ordinator
- (4) Mr. Gulshan Chettri, Non-Teaching Staff: Support Staff

List of participating Students from M.Sc. 3rd Semester, 2023.

Girls:

- | | |
|------------------------|-----------------------|
| 1. Akansha Rasaily | 12. Prashiksha Gurung |
| 2. Alina Rai | 13. Pragati Subba |
| 3. Beny Gurung | 14. Praniksha Subba |
| 4. Joyeeta Das Gupta | 15. Prayyogya Rai |
| 5. Kriti Subba | 16. Roma SUBba |
| 6. Karuna Lepcha | 17. Subarna Sharma |
| 7. Mohana Thapa Mangar | 18. Tania Roy |
| 8. Neha Rai | 19. Ujjala Rai |
| 9. Ninumma Rai | 20. Yashvi Dewan |
| 10. Pariksha Chhetri | 21. Yoshna Mangar |
| 11. Passang Bhutia | |
| 22. Diksha Tamang | |

Boys:

1. KritanRai
2. Siddhant Gurung
3. Sourav Chaki
4. Somesh Rajak
5. Rajib Lala
6. Manoj Kumar Roy
7. Bigat Chhetri
8. Ashwin Tamang



Group photo of the Zoological Excursion Team at Chandipur Hotel, Orissa.



Group photo of the Zoological Excursion Team at Chandipur Sea beach, Orissa.

Discussion:

Zoological field study provides an opportunity to the students to explore the faunal diversity in its natural environment which immensely enhances and widens the spectrum of understanding zoology in a new light. The students had the opportunity to decipher and learn the practical aspects of the theoretical knowledge disseminated in the class room teaching. Under the supervision of the expert teacher guide, the students successfully completed various field studies relating to the ecological aspect and biodiversity study like quadrat study, habitat and ecosystem system study. The field trip has also provided the students opportunity to explore new places and witness the geographical, cultural, social, linguistic and food diversity.
