

KAZI NAZRUL UNIVERSITY

FIELD REPORT

Zoological Excursion:- 2022-“Dehradun”

B.Sc. zoology (Honours) Practical Examination



Registration No:-**KNU20113001577**

Roll No:-**1132004122043004**

Session:-**2020-2021**

Raniganj Girls' College

Course Name: **Behaviour and Chronobiology**

Course Code: **BSCHZOOC401**

A Field visit Report to **DEHRADUN**

Submitted by Semester-IV students (Academic Year 2021-22)

Name of the student	Registration Number
ANJALI KUMARI SINGH	KNU20113001238
ANKITA SINGHA	KNU20113001387
ANTARA MUKHERJEE	KNU20113001355
INDRANI DAS	KNU20113001577
SHREYA KHAN	KNU20113001740
SYEDA IMAMA KHATUN	KNU20113001378
TITLI SINGHA	KNU20113001384
URMI DEY	KNU20113001398

CERTIFICATE

This is to certify that this Field visit Report submitted by the students for the award of degree of B.Sc. Honours is a bonafide record of work carried out under our guidance and supervision.

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URMI DEY	KNU20113001398

Place: Raniganj

Date: 18.07.2022

Umesh Chandra Haldar *Buddhadeb Mallick*

Juhin Subhra Ghosh

Assistant Professor, Department of Zoology

Signature of the supervisor with designation and department

CERTIFICATE

This is certify that **INDRANI DAS**

Roll No:- **1132004122043004**

Registration No:- **KNU20113001577** of

2020-2021

Of our department took part in the excursion 2022 to Dehradun from **28/03/2022** to **01/04/2022** to fulfill the curriculum of B.Sc. Zoology Honours Pratical Examination.

Signature

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INTRODUCTION

Learning is a holistic experience and properly conducted excursions help students to learn in a much better way. It provides the students with first hand experience. Specially in Zoology it gives an insight into the habit and habitat, behavior and characteristics of animals due to a particular environment.

Aim of Excursion

To know the unknown and to see the unseen is the eternal curiosity of human beings. This curiosity is to be fulfilled by a pleasureable trip to the heart of nature.

At zoological excursions, travel and learning go hand. The world becomes our classroom and the lifeless black letters of our textbooks comes alive in front of our eyes. Excursion is an essential part of our education which increases and supplements our knowledge.

Our Expedition

The excursion team of Raniganj Girls' College from Department of Zoology consisting of 29 students and 6 professors started our journey toward Dehradun on 27.03.2022 in the afternoon. We boarded the kumbha express and reached our destination on 28.03.2022 in the evening accommodated ourselves at Hotel Embassy. We spent 3 days at Dehradun and returned on 02.04.2022.

PARTICIPANTS

TEACHERS

- **DR. Umesh Chandra Halder**
- **DR. Budhhadev Mallick**
- **DR. Sukanta Rana**
- **DR. Tuhin Subhra Ghosh**
- **Prof. Puja Sarkar**

Non-teaching staff

- **Mr. Shantiram Maji**

Students

1. **Anushka Chatterjee**
2. **Shreya Sadhu**
3. **Sudeshna Layek**
4. **Susuma Bhui**
5. **Sandipa Shit**
6. **Hena Parween**
7. **Ankita Singha**
8. **Antara Mukherjee**
9. **Anjali Kumari Singh**
10. **Anjali Modak**
11. **Indrani Das**
12. **Syeda Imama Khatun**
13. **Shreya Khan**
14. **Mushk Sanobar**
15. **Titli Dutta**
16. **Urmi Dey**
17. **Srijeeta Ghosh**
18. **Trisita Ghosh**
19. **Arpita Layek**
20. **Bidisa Mondal**
21. **Priyanka Maji**
22. **Chaiti Chatterjee**
23. **Puja Kumari**
24. **Sneha Biswakarma**
25. **Supriya Gope**
26. **Srabani Modak**

About The Site

Dehradun

Dehradun is the capital of the Indian state of Uttarakhand, near the Himalaya foothills. At its core is the 6-sides ghanta ghar clock tower.

Dehradun is a notable academic and research hub and is home to the Indian Military Academy, Forest Research Institute, Indra Gandhi National Forest Academy, The Doon School, Welham Boys School, Rashtriya Indian Military College, Uttarakhand Ayurveda University, Wadia Institute of Himalayan Geology and the Indian Institute of remote sensing.

Coordinates :-30.345°N78.029°E



Country	India
State	Uttarakhand
District	Dehradun
Founded	1817
Municipality	1867
Elevation	640m (2,100 ft)

Population⁽²⁾⁽⁴⁾⁽⁵⁾

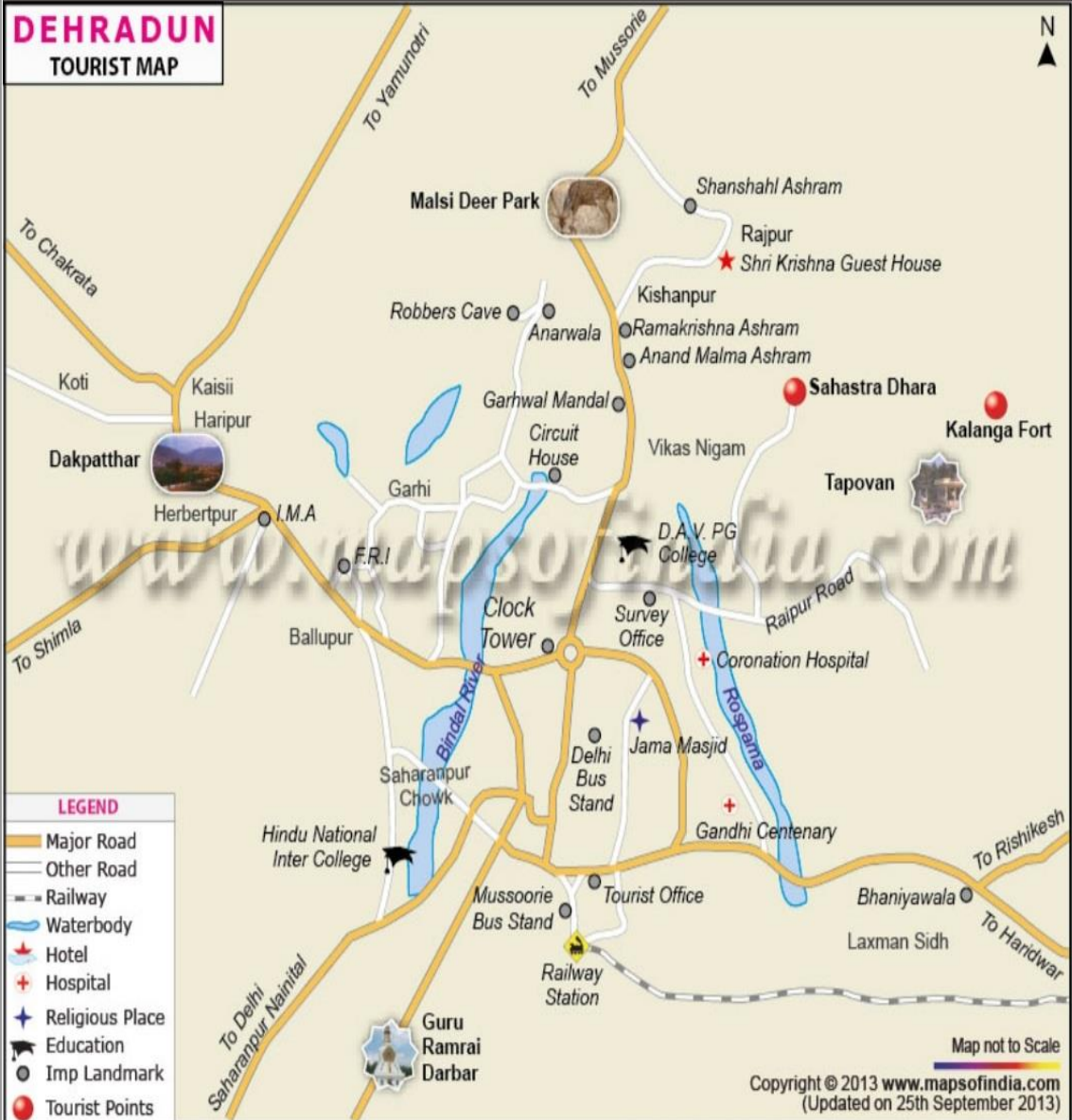
City	803983(2,018)
Rank	79 th

Languages

Official	Hindi ⁽⁷⁾
Additional	Sanskrit ⁽⁸⁾⁽⁹⁾
Regional	Garhwali,(10) Jaunsar ⁽¹¹⁾

- Time Zone UTC+5:30 (IST)

Dehradun Tourist Map



Details about the Excursion

29th march 2022:

visit to “Asan Barrage”

Description of the site :-



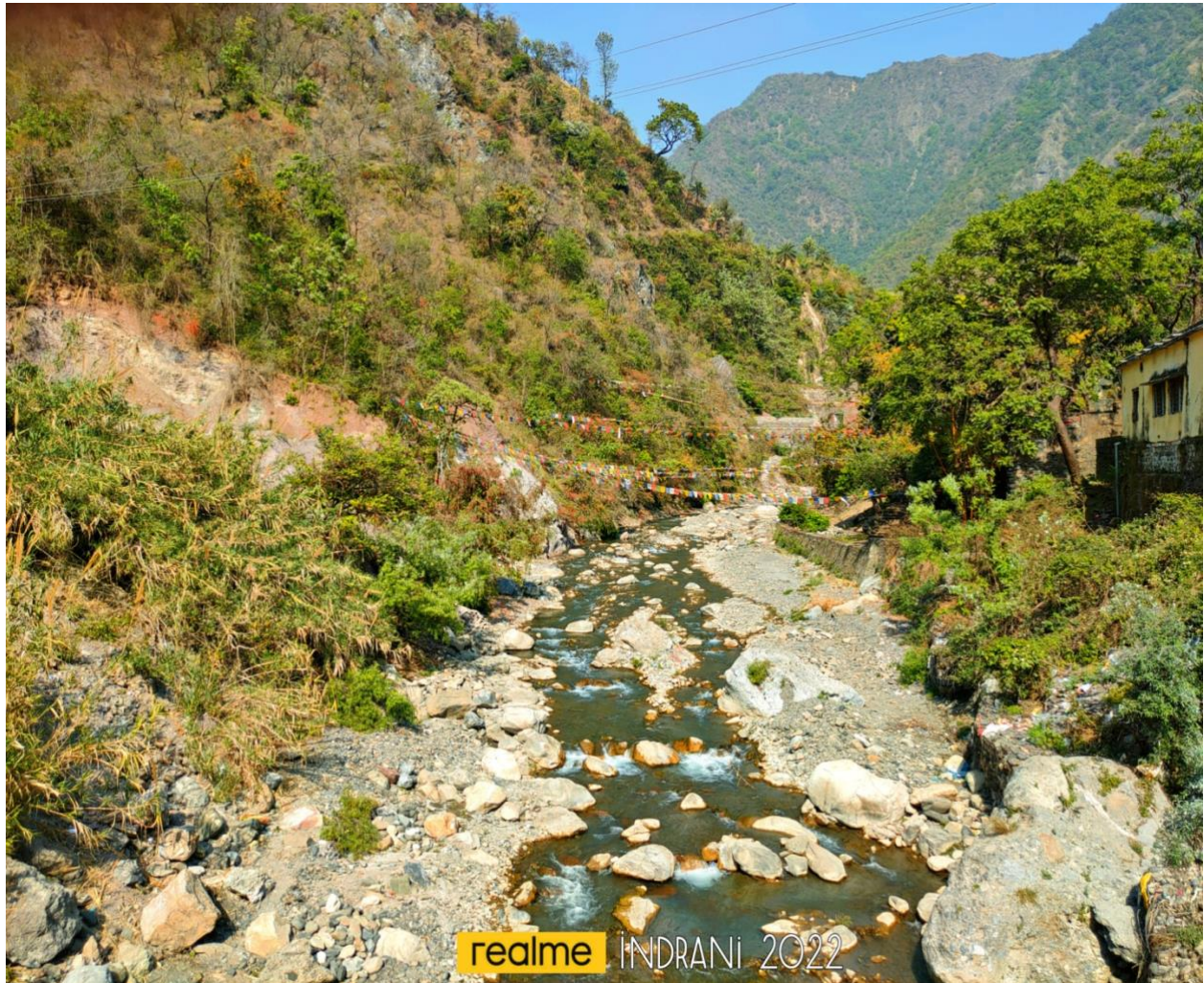
The Asan Barrage is the barrage in the Uttarakhand – Himachal Pradesh border region in Doon Valley (Dehradun district), northern India, situated at the confluence of the Eastern Yamuna canal and the Asan River, Northwest of Dehradun in Uttarakhand. The Barrage is 287.5m long and has water throughout the year which is fed from the river Asan and the discharge channel of the river Yamuna. Since 2020 it has been declared as Uttarakhand’s first Ramsar site.

On the morning of 29th march we commenced our journey towards Asan Barrage. It was a beautiful place with umpteen flora and fauna. The thing that attracted us the most at Asan Barrage was thousands of fruit bats (Megachiroptera). The other species that we saw there are mentioned later.

visit to “Sahasradhara”:

Description of the site :-

Sahasradhara, meaning thousand fold spring, is one of the most popular destination located in Dehradun in Uttarakhand state of India.



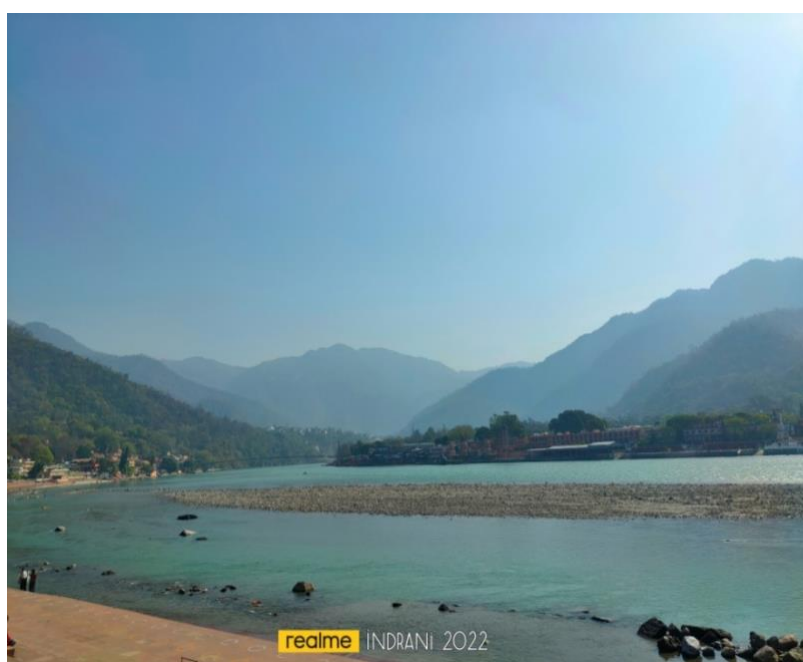
This is situated on the banks of small river, Kali Gad which a tributary of song River. The place has magnificent beauty of nature where water drips from the limestone stalactites, making the water abundand inn sulphur and thus the place is known for its sulphur springs. It is sulphur water spring of relatively lower temperature than its surroundings.

After visitringAsan Barrage we headed towards Sahastradhara, and saw beautiful Waterfalls and caves. The place is filled with notorious rhesus macaque. The other species found there are mentioned later.

30th march,2022

Visit to Rishikesh & Haridwar

Description of the site:



On the morning of March 30 we headed towards Rishikesh. We all were mesmerized by the beauty of the roads and hills. Rishikesh is about 44.4 km from Dehradun. We spent our entire morning at Rishikesh, enjoying the beautiful nature and the ghats of Ganga. We also observed few species of birds there and then in the afternoon we headed towards Haridwar. We spent the evening and returned after dusk. This was a peaceful day in the lap of nature.

31st march,2022

visit to “Forest Research Institute(FRI),Dehradun”



Description of the site :-

Forest Research Institute is a natural Resource Service Training institute of the Indian Council of Forestry Research and Education. It is located at Dehradun, Uttarakhand and is among the oldest institute of its kind. It was established in 1906 under the British Imperial Forestry Service. There are 6 sections in the museum of FRI: Pathology museum, Social Forestry museum, Silviculture museum, Timber museum, Non-wood forest products museum and Entomology museum. Our most significant visit

was conducted on the 3rd day of the trip and it was to Forest Research Institute Dehradun. While moving towards the main campus we saw diverse species of birds. Among the 6 museums, we were able to visit 3, which were –Pathology museum, Silviculture museum and Timber museum.

In the Pathology museum we saw various kinds of fungus and timber infected with various kinds of pathogens. Timber museum was loaded with various kinds of tree trunks and timber made products from old times. The word Silviculture was very new to us. But the moment we entered there we got the exact theme of the museum. The museum was filled with large 3-D models of various aspects and types of forests, biodiversity conservation, forest products etc.,

In FRI, we were very elated to meet Dr. Arun Pratap Singh Scientist-F under ICFRE. He has an expertise in forest entomology, Butterfly tourism, Butterfly trails ornithology, etc. He said that the entomology museum at FRI was one of the largest in Asia with great collection of Butterflies. But unfortunately we could not visit that due to renovation activities going on there. He also provided us with the information about his latest research work on “Biodiversity conservation and ecology with special reference to Lepidoptera and birds across Himalayan region”. Although we couldn’t visit entomology section but we saw the butterfly and various other arthropoda collection that was present in his chamber.

We left FRI at about 3p.m., came back to our hotel and packed our bags for return journey on 31st .

Bird Watching During Excursion



Name of the species[in clockwise direction]: Blue rock thrush,Rose-ringed parakeet,Indian grey hornbill,Painted stork,Greater spotted eagle,White browed wagtail,Indian flying fox,Blue whistling thrush,Little comorant



Name of the species [in clockwise direction]:Migratory sea gull,Indian shag,Yellow footed green pigeon,Brown-headed barbet,Spotted Dove,River lapwing,white wagtail,Hawk eagle

Scientific Names of observed species

COMMON NAME	SCIENTIFIC NAME
Indian flying fox	<i>Pteropus giganteus</i>
White wagtail	<i>Motacilla alba</i>
Hawk eagle	<i>Nisaetus sp.</i>
Painted stork	<i>Mycteria sp.</i>
Yellow footed green pigeon	<i>Treeron sp.</i>
Greater spotted eagle	<i>Clanga clanga</i>
White browed wagtail	<i>Motacilla maderaspatensis</i>
Grey wagtail	<i>Motacilla sp.</i>
Blue whistling thrush	<i>Myophonus sp.</i>
Blue rock thrush	<i>Monticola sp.</i>
Little Cormorant	<i>Microcarbo sp.</i>
River Lapwing	<i>Vanellus sp.</i>
Indian shag	<i>Phalacrocorax sp.</i>
Migratory sea gull	<i>Larus sp.</i>
Indian grey hornbill	<i>Ocyeros sp.</i>
Rose-ringed Parakeet	<i>Pssitacula sp.</i>
Spotted Dove	<i>Spilopelia sp.</i>
Brown-headed barbet	<i>Psilopogon sp.</i>

PHOTO GALLERY



Excursion team of Raniganj Girls' College at Dehradun rail station(Top),at Asan barrage(middle-left),with DR. Arun Pratap Singh(bottom).