

Session 2023-2024 (1<sup>st</sup> June, 2023 to 31<sup>st</sup> May, 2024)

### Excursion:

1. The Department of Botany organized an immersive experiential learning trip to **Jharkhali and its surrounding areas** from **June 30th to July 1st, 2023**. A group of 13 students from Semester IV, accompanied by 4 faculty members (Dr. Gautam Kumar Pahari, Dr. Ripon Chandra Das, Dr. Mitu De, Dr. Suptothita Choudhury), embarked on this enriching 2-day excursion, which was an integral part of their curriculum. The trip offered a unique blend of education, exploration, and cultural experiences. A thrilling launch ride through the serene mangrove forests provided students with a captivating glimpse into the rich biodiversity of the region. An early morning bird-watching session proved to be a highlight, as students marvelled at the beauty of local and migratory birds amidst the tranquil surroundings. The hands-on biology fieldwork allowed students to engage in population density and species frequency studies, bringing their lessons to life. This memorable excursion struck a perfect balance between learning and leisure, creating lifelong memories for the participants.

### Some glimpses of the tour





 GPS Map Camera

Birinchi Bari, West Bengal, India  
4M4F+6Q8, Jharkhali, Birinchi Bari, West Bengal 743312, India  
Lat 22.104226°  
Long 88.67394°  
01/07/23 04:25 PM GMT +05:30



 GPS Map Camera

Birinchi Bari, West Bengal, India  
4M4F+6Q8, Jharkhali, Birinchi Bari, West Bengal 743312, India  
Lat 22.104367°  
Long 88.673909°  
01/07/23 04:46 PM GMT +05:30



2. The Department of Botany organized an experiential learning trip to **Subhas Sarovar and its surrounding area** near Belegkata on **January 17, 2024**. Twenty-eight students from the 1<sup>st</sup> semester (Hons and Gen) CCF, participated in the trip, accompanied by three faculty members: Dr. Goutam Kumar Pahari, Prof. Monalisa Roy, and Dr. Moumita Bishai. During the visit, students gained hands-on experience exploring the diverse flora of the region, which showcased impressive biodiversity. They learned about various plant species, including trees, shrubs, and herbs, and their medicinal uses. The faculty members guided the students in identifying different plant species, their characteristics, and maintenance requirements. The trip allowed students to augment their theoretical knowledge gained in the classroom. They took geotagged photographs of plant species for future reference and developed a deeper appreciation for the importance of medicinal plants in traditional and modern medicine. The visit also highlighted the recreational value of plants and the need for conservation efforts. This experiential learning experience fostered curiosity and empathy among students towards plants and their surroundings. Such trips encourage students to adopt conservation practices and develop a deeper respect for the natural world.

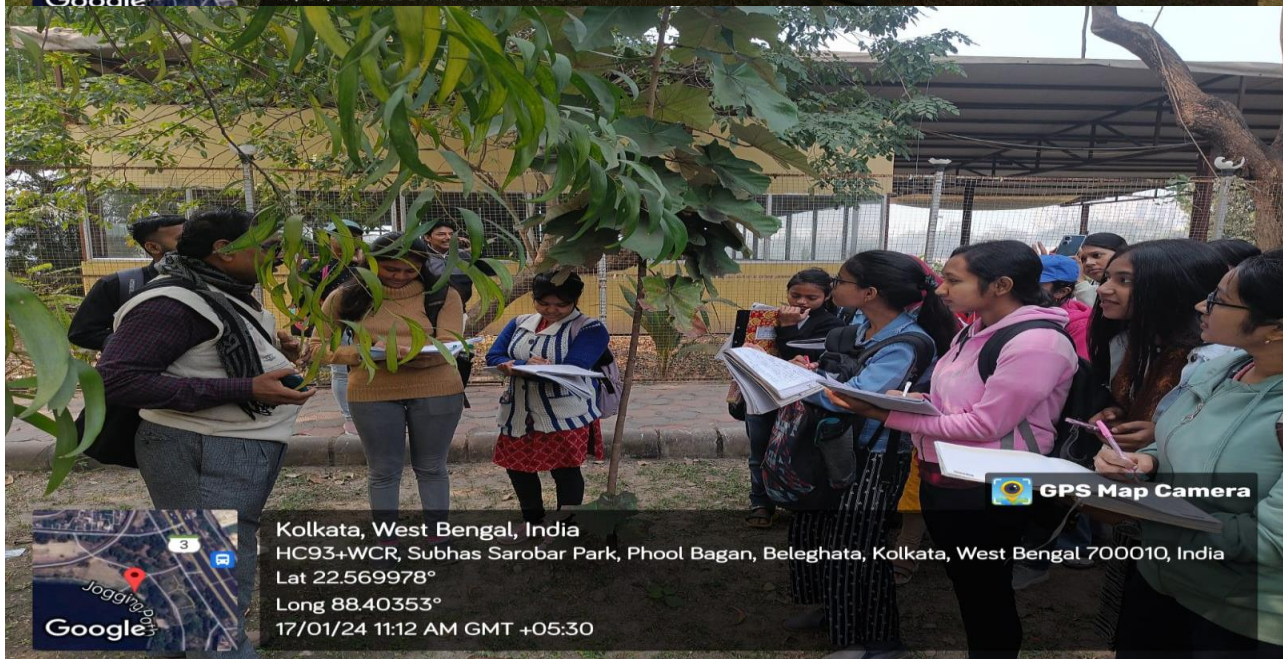
#### **Some Snapshot of the trip**



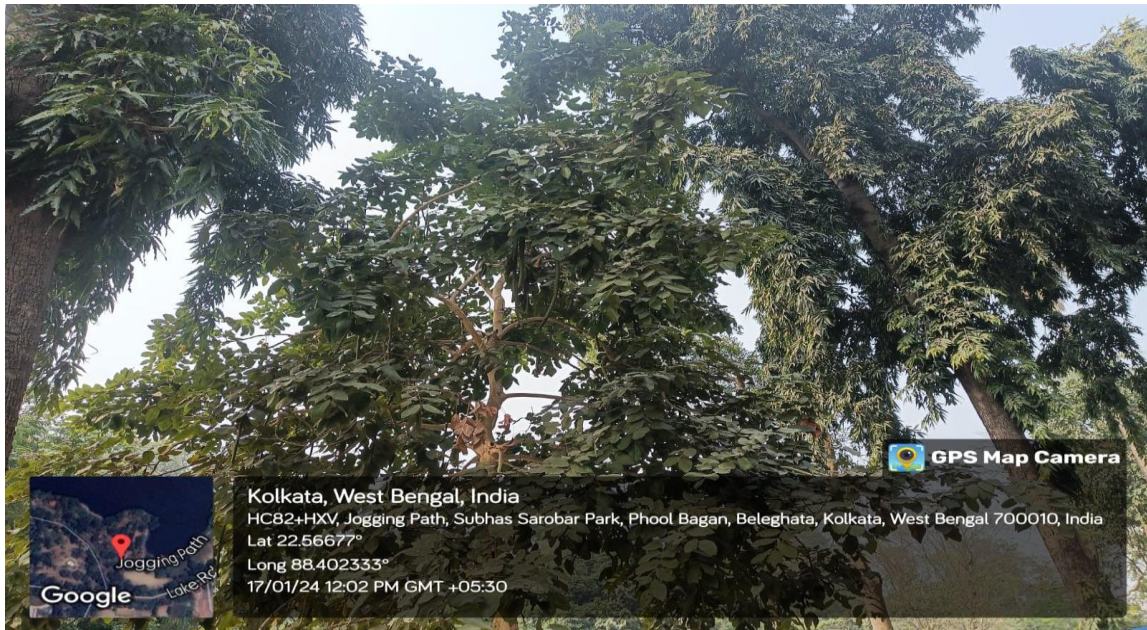
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Long 88.402395°  
17/01/24 11:59 AM GMT +05:30



Kolkata, West Bengal, India  
HC93+XCX, Lake Rd, Subhas Sarobar Park, Phool Bagan, Belegkata, Kolkata, West Bengal 700010, India  
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Long 88.40362°  
17/01/24 10:53 AM GMT +05:30



Kolkata, West Bengal, India  
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Long 88.40353°  
17/01/24 11:12 AM GMT +05:30



3. The Department of Botany organized an experiential educational learning trip for students of Semester IV and V (Hons.) CBCS, to **East Sikkim** from **April 6-11, 2024**. A total of 32 students and 5 teachers participated in the study tour. During the journey to Sillery Gaon, students analysed phyto-geographical variations in different vegetation types under the guidance of Dr. Goutam Kumar Pahari, Dr. Ripan Chandra Das, Dr. Mitu De, Prof. Monalisa Roy, and Dr. Moumita Bishai. Students of Semester IV collected plant specimens to prepare herbarium sheets and learn techniques of herbarium sheet preparation from the accompanying faculty members. Further performed a quadrat study to explore the local flora. This hands-on exercise enabled the students to apply theoretical concepts to real-world scenarios, gaining practical experience in botanical research methods. Under the guidance of their faculty members, the students carefully selected quadrat sites, collected and recorded data on plant species, and analysed the results to understand the diversity and distribution of plant species in the area. The group visited various locations, including Pedong, Delo Park, Kalingpong, Lava, and Lolegaon, to explore the local flora and their natural habitats. During the visit they also studies about medicinal plants present in the area. The trip also emphasized environmental conservation awareness. Students visited Silent Valley to explore medicinal plants like Cinchona and toured a monastery in Lava. During their return journey, the students group visited a tea garden in Siliguri, where experts explained the tea processing methods thoroughly each and every steps. In the tea garden there is an impressive and great exposure for the students. They collected lot of information and experience which allowed the students to integrate their theoretical knowledge with

practical understanding. Additionally, students collected soil samples for further testing upon their return to college.

### Photograph of the Trip









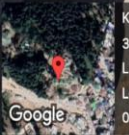
GPS Map Camera



Sillery Gaon, West Bengal, India  
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GPS Map Camera



Kalimpong, West Bengal, India  
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GPS Map Camera



Lava Forest, West Bengal, India  
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