



## Goa University

### School of Biological Sciences and Biotechnology

#### Report on Field trip to Bhagwan Mahavir Wildlife Sanctuary

21<sup>st</sup> September 2024

1. Title of the Event/Activity/program	Field trip to Bhagwan Mahavir Wildlife Sanctuary and Biodiversity Park, Mollem
2. Date and Time	21 <sup>st</sup> September 2024
3. Mode of conduct (Physical/Online)	Physical
4. School/ Directorate/ Section	School of Biological Sciences and Biotechnology, Zoology
5. Collaborating Agency/School/Directorate	—
6. Detail of the Resource Person (Brief biodata)	—
7. Number of Faculty attended/participated	3 faculty and 1 MTS
8. Number of Student attended / participated	37 students of M.Sc. Zoology
9. No. of external students/faculty/other participants	--
10. The objectives of the Program/activity/event	<ul style="list-style-type: none"><li>● To gain hands on field experience in the course ZOO-506 Field Work I, which includes site-based introduction to fields of Herpetology, Entomology, Mammalogy, Arachnology and Ecotourism where the learners are exposed to flora and fauna within protected areas.</li><li>● To explore/ observe the faunal diversity of the selected area.</li><li>● To examine and implement different practical field methodologies.</li><li>● To inspire students to engage with biology in a novel learning environment and foster a deeper appreciation for the environment.</li></ul>

#### 11. Description of the Program/activity/event

A field trip for the MSc Semester I students of Zoology discipline was conducted on the 21st September, 2024 based on the course ZOO-506, Field Work I. 37 students of Semester I, M.Sc. Zoology, accompanied by Dr. Nitin Sawant, Dr. Preeti Pereira, Ms. Gandhita Kundaikar and Ms. Manisha Shirvoikar visited the Bhagwan Mahavir Wildlife Sanctuary and Biodiversity Park in Mollem. Mr. Vaibhav, a Forest Range Officer (RFO) escorted the students during the 2.5 km walk through the site. The trek ended at Vasant Bandhara point in the sanctuary.

The participants were exposed to a variety of faunal and floral species present within the Sanctuary. During the trek, Dr. Nitin explained the students about the diverse fauna in the sanctuary and also emphasized the importance of the surrounding flora in sustaining the wildlife. A large number of butterflies were visible attributing to peak breeding season some of which included Blue Mormon, Chocolate Pansy, Common Baron, Rustic and Common Crow. The notable reptiles observed included hump-nosed pit viper, Brahminy blind snake and *Hemidactylus Prashadi*, a gecko endemic to the Western Ghats. The other fauna spotted in the sanctuary included frogs, spiders, smaller insects, moths, Purple Rock crab, lizards and geckos. Several pugmarks and hoof marks were also observed during the trek indicating the walking path of the animal. The Crocodile Bark Tree, also known as Matti and designated as the state tree of Goa, was prevalent throughout the sanctuary.

**12. Benefit/Key outcomes of the Program/activity/event**

Through the field trip, the students observed several species of animals as well as certain important species of flora. The students also gained an insight of pug mark analysis which serves as important indirect evidence of the presence of an animal. The field work also helped observe animal behaviors in their natural habitat, thus enhancing the understanding of species interaction and social structures. Additionally, the impact of human activities and ecotourism on the sanctuary's ecosystem was highlighted during the field work. The trek also provided an understanding of the challenges faced by conservationists. The students learner about the importance of documentation of fauna and flora that is observed. Overall, the trek made the students recognize the significance of wildlife sanctuary and the associated ecosystem as well its influence on human well-being.

**13. Enclosures with report**


Geo-tag photos attached.

Signature: 

Name of coordinator Dr. Nitin Sawant

Designation: Assistant professor

Date: 23/09/24

Signature 

Dean/Director/Head  
+1c

Seal of the School/Directorate/University



Field trip to Bhagwan Mahavir Wildlife Sanctuary and Biodiversity Park, Mollem  
September 21<sup>st</sup> 2024  
Attendance

Sr. No.	Name	Signature
1.	Aaron vales	
2.	Anisha Arliza De Souza	
3.	Ashira Fernandes	
4.	Braydon Sirius Dias	
5.	Pallavi Gaonkar	
6.	Geeta Babu Angadi	
7.	Harshad Pethkar Vaingankar	
8.	Ramyashree Shantiprasad	
9.	Rhea Cassandra Martins	
10.	Saloni Santosh Paingankar	
11.	Samaa Manoj Sapre	
12.	Sanjona Nath	
13.	Shivam Shivanand Raut	
14.	Shreyas Vinod Borkar	
15.	Tabssum Bepari	
16.	Tanvi Sudesh Amonkar	
17.	Uzma Fatima Shaikh	
18.	Vidhi Virendra Dessai	
19.	Teja Chodankar Vinod	
20.	Crazia Senita Luis	
21.	Mangesh Gaonkar	
22.	Shailesh Gaonkar	
23.	Himanshu Kerkar	
24.	Linoshka Maria Dias	
25.	Manali Gokuldas Pethker	
26.	Meona Jonquilla Gomes	
27.	Prabhat Sangappa Hatti	
28.	Rupesh Doifode	
29.	Sahil Fondu Velip	
30.	Shahana Kabir Ahammed	
31.	Shefali Sandip Vaingankar	
32.	Shradha Pethker	
33.	Shreya Prashant Borkar	
34.	Vas Profila	
35.	Velika Delilah De sa	
36.	Samrudhi Sharad Phadte	
37.	Chaitri Ramdas Sudir	
38.	Dr. Nitin Sawant	
39.	Ms. Gandhita Kundaikar	
40.	Dr. Preeti Pereira	
41.	Ms. Manisha Shirvoikar	