



**Goa University**  
**Discipline of Environmental Science,**  
**School of Earth, Ocean and Atmospheric Sciences**

**Report on field trips for Environmental Science students**

<b>1. Title of the Event/Activity/program</b>	<b>Field trips for Environmental Science students</b>
<b>2. Date and Time</b>	13-14 <sup>th</sup> October 2023
<b>3. Mode of conduct (Physical/Online)</b>	Physical
<b>4. School/ Directorate/ Section</b>	School of Earth, Ocean and Atmospheric Sciences
<b>5. Collaborating Agency/School/Directorate</b>	NA
<b>6. Detail of the Resource Person</b>	NA
<b>7. Number of Faculty attended/participated</b>	2
<b>8. Number of Student attended / participated</b>	14
<b>9. No. of external students/faculty/other participants</b>	Nil
<b>10. The objectives of the Program/activity/event</b>	To visit mangrove conservation site as part of curriculum of ENV 522 Mangrove ecology and ENV 523 Mangrove restoration and conservation
<b>11. Description of the Program/activity/event</b>	<p>A field trip was conducted on 13-14<sup>th</sup> October 2023 for 14 students of M.Sc. Environmental Science (Part I) to Honnavar mangroves in Karnataka.</p> <p>Dr Chanda Berde and Dr. Sheryl Fernandes along with 14 students visited the Honnavar mangrove walk followed by visit to a hatchery. The boardwalk allows visitors to explore the dense mangrove forest and witness the intricate network of roots that support these vital ecosystems. Has various aquatic creatures such as crabs, mudskipper, fish, shellfish, etc. The walkway is designed to offer visitors a</p>

	<p>close-up view of the vibrant ecosystem without disturbing the fragile balance of the mangroves.</p> <p>Next visit was to India's First Marine Hatchery Canares Aquaculture LLP, In Holanagadde Kumta Karnataka (Appendix 2). Mr. Kaushik Alike, Partner of the firm, introduced the students to the facilities and processes involved in the Hatchery and Nursery of Sea bass fish, culturing of algae (phytoplankton), artemia (Brine shrimp), copepods in the lab which are used as live feed for sea bass.</p>
<b>12. Benefit/Key outcomes of the Program/activity/event</b>	<ol style="list-style-type: none"> <li>1. Students explored and studied the mangrove ecosystem, types of mangroves, associated mangroves and fauna.</li> <li>2. They witnessed the use of ecotourism as a means to create awareness and promote conservation.</li> </ol>
<b>13. Enclosures with report</b>	Geo-tag photos, Attendance, report are attached.

*Chanda*  
**Dr. Chanda Berde**  
 Coordinator

*B. M. U.*  
**Dean** 20.10.2023  
**SEOAS**




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**Discipline of Environmental Science,**  
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To visit mangrove conservation site as part of curriculum of ENV 522 Mangrove ecology and ENV 523 Mangrove restoration and conservation.

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**Dr. Chanda Berde**  
**Coordinator**

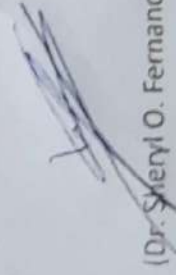
  
**Dean** 20.10.2023  
**SEOAS**



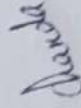
GOA UNIVERSITY  
SCHOOL OF EARTH, OCEAN AND ATMOSPHERIC SCIENCES  
M.Sc./M.A ENVIRONMENTAL SCIENCE PART I (ATTENDANCE)

Field Trip to Kumta, Karnataka 13th - 14th October 2023

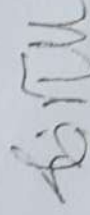
SR.NO	NAMES OF THE STUDENT	SIGNATURE	
		13-10-2023	14-10-2023
1	Ganaraj Prakash Gawas	Absent	Absent
2	Vishaya Sadanand Gaude	Gaude	Gaude
3	Lakshan Ravindra Naik	Naik	Naik
4	Mithil Dhananjay Desai	Desai	Desai
5	Dessai Gautami Mangaldas	Desai	Desai
6	Shravani Uttam Naik	Naik	Naik
7	Aishwarya Gurudas Gaude	Gaude	Gaude
8	Sneha Mullur	Mullur	Mullur
9	Karina Mariah Pinto Do Rosario	Rosario	Rosario
10	Malwankar Manthan Uday	Manthan	Manthan
11	Prathamesh Premanand Majik	Majik	Majik
12	Khushboo Narvekar	Narvekar	Narvekar
13	Sanica S. Ghadiwadar	Ghadiwadar	Ghadiwadar
14	Shukila Crishnanath Dessai	Dessai	Dessai
15	Dipti Shekhar Surabhi	Surabhi	Surabhi



(Dr. Sheryl O. Fernandes)  
Programme Director,  
M.Sc. Environmental Science



(Dr. Chanda V. Berde)  
Assistant Professor  
M.Sc. Marine Microbiology



(Senior Prof. C. U. RIVONKER)  
Dean, SEOAS







Kasarkoda, Karnataka, India  
7C6P+MQX, Kasarkoda, Karnataka 581342, India  
Lat 14.262563°  
Long 74.438014°  
14/10/23 10:55 AM GMT +05:30



Kasarkoda, Karnataka, India  
7C6P+MQX, Kasarkoda, Karnataka 581342, India  
Lat 14.262596°  
Long 74.438022°  
14/10/23 10:55 AM GMT +05:30



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7C6P+MQX, Kasarkoda, Karnataka 581342, India  
Lat 14.262596°  
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Gudeangadi, Karnataka, India  
F96H+95R, Gudekoppa Rd, Gudeangadi, Karnataka 581351, India  
Lat 14.46044°  
Long 74.376741°  
13/10/23 04:49 PM GMT +05:30



Gudeangadi, Karnataka, India  
F96H+95R, Gudekoppa Rd, Gudeangadi, Karnataka 581351, India  
Lat 14.460053°  
Long 74.376882°  
13/10/23 03:48 PM GMT +05:30

GPS Map Camera