



Institution's Innovation Council Saurashtra University Rajkot

Visit to Waghai Botanical Garden

4th to 9th January 2024

At

Waghai Botanical Garden, Ambapada, Gujarat

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Saurashtra University – IIC

The university is dedicated to instruction, research, and extending knowledge to the public (public service). Ministry of Education (MoE), Govt. of India has established 'MoE's Innovation Cell (MIC)' to systematically foster the culture of Innovation among all Higher Education Institutions (HEIs). The primary mandate of MIC is to encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes while they are informative years. Saurashtra University is one the Organization that have constituted the IIC to foster the vision of MoE and be a part for the promotion and development of innovation ecosystem.

Event Schedule

4th January 2024	Travel from Rajkot to Waghai Kilad campsite
5th January 2024	Activities at Waghai Botanical Garden & Dang Forest <ol style="list-style-type: none">1. Reduce stage fear and increase confidence2. Awareness to Save nature3. Plant identification
6th January 2024	Activities at Dang Forest & Kilad Camp site <ol style="list-style-type: none">1. Raft Making and river rafting2. Logical thinking and reasoning activity3. Promoting the concept of best out of waste
7th January 2024	Activities at Waghai Botanical Garden & Dang Forest <ol style="list-style-type: none">1. Handicrafts making from plants2. improving sensing abilities3. recipes from wild plants
8th January 2024	Activities at Waghai Botanical Garden <ol style="list-style-type: none">1. Phyto hunt2. Use of plants in self-defense
9th January 2024	Travel from Waghai Kilad campsite to Rajkot

Event Registration Link

bit.ly/SUSEC-FIT

Brief about Event

The Department of Biosciences, in collaboration with IIC Saurashtra University and SUSEC, is organized field visit to Waghai Botanical Garden, Ambapada, Gujarat on 4th to 9th January 2024. Students from 4th semester of Botany, along with faculty member Dr. Jigna G. Tank participated in the tour. This educational tour was organized as per the academic course in syllabus of M.Sc. This journey was started on 4th January 2024 from Rajkot Railway Station by train at 2:45 am to 5:30 pm we were reached Waghai Kilad campsite. We observed the various plants and surroundings of the Kilad campsite.

2nd day all students and faculty member participated in few activities; first type of activity is confidence building activities. The first step to building confidence is to create a space for communication. The talks held for Waghai Botanical Garden and Dang Vansda are special and active venues, which give students perspective on vocabulary and communication skills. As an important part of communication, library safaris provide students with a variety of readings and information. This activity gives a good idea to improve literacy and can help them in a better direction for their future. Afterwards Awareness to save nature activity held. The students participated in a special program for nature study and awareness in the premises of Waghai Botanical Garden and Dang Vansda.

Through these programs students are successfully taught the importance of conservation and protection of nature. Educational exhibitions for knowledge, and nature are linked to students to learn about nature in a more comprehensive way. And third activity was Identification of plants. Students had the opportunity to reflect on the plant section. A chance to classify plants through interactive studies, arrangements and discussions of the skill plant department. In the process of finding plants, guides from Waghai Botanical Garden and Dang Vansda play an important part in assisting. Inventors are given an introduction to the signature direction and further instructions.

Students learned Making bamboo rafts in the premises of Dang Jungle and Kilad Camp Site, using bamboo, students had an opportunity to make bamboo rafts. The skillful bamboo got a chance to produce results as a living artist and through that raft the students did river rafting. Then understood Making good things out of forest waste. A kind of active traditional program of making things from forest waste is organized in the premises of Dang Jungle and Kilad Camp Site. Students got a chance to participate in this program. The program helps to recycle items and provides opportunities to approach students from a well-rounded cultural and scientific perspective in a conversational setting. Students did those activities at 3rd day.

4th day student's known about Crafts made from plants. At Waghai Botanical Garden and Dang Forest, plant handicraft activities are organized. Students get an opportunity to explore, engage in arts and cultural enrichment. After that they did Improvement of sensory abilities At Waghai Botanical Garden and Dang Forest, activities are organized to improve the sensory abilities of students. The students participated in these activities.

At 5th day learned how to make recipe from wild plants. In the premises of the jungle and Kilad camps, hobby and art programs are organized from wild plants. Students got a chance to participate in these activities and prepare recipes from wild plants. The procedures provided allow students to learn independently and through hands-on experience. Then they know about use of plants in self-defense. In the premises of Waghai Botanical Garden and Dang Forest, plants are used in self-defense. Captive plants are mainly used in parks, gardens, and nature reserves. The pristine vitality of plants, wildlife, and communities is a wonderful medium to act as a facilitator of communication and transmission. The self-defense of plants contributes well to the health and healthy life of a person. At 2:10 pm we left for Rajkot from railway station and We reached Rajkot on January 9, 2024 at 1:30 am.

Key Points

During the session, below mentioned points were discussed:

- Plant identification activity
- Nature awareness activities
- Campsite and observations
- Bamboo rafting and forest waste utilization
- Crafts from plants and sensory abilities
- Wild plant recipes and self-defense
- FAQs related to Waghai Botanical Garden?

Outcome

The field visit's diverse activities not only facilitated academic growth but also instilled a deep appreciation for conservation and protection of nature. The journey encompassed diverse activities, including confidence-building exercises, communication-enhancing talks, literacy-improving library safaris, and nature awareness programs at Waghai Botanical Garden and Dang Vansda. The exploration continued with plant identification, bamboo raft-making, utilization of forest waste, plant handicrafts, sensory abilities improvement, and the crafting of recipes from wild plants. The students also gained insights into the use of plants in self-defense, emphasizing their role in parks, gardens, and nature reserves. This holistic approach, combining cultural and scientific perspectives, fostered an environment for hands-on learning and comprehensive understanding. The trip culminated in a well-rounded educational experience, empowering students with a holistic understanding of botanical sciences and fostering a sense of responsibility towards the environment.





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