

DEPARTMENT OF BOTANY

{Field Trip-1 to Prakruthivanam on 10.10.2023}

Scope :-

The main scope of the botany field trip is to allow students to directly observe and study plants in their natural habitats, providing a hands-on learning experience that encompasses identifying plant species, understanding their adaptations to different environments, exploring plant morphology, analyzing plant communities, and gaining practical knowledge about plant taxonomy, ecology, and conservation, all while connecting theoretical concepts learned in the classroom to real-world applications

Objectives :-

The Field trip enable hands-on observation of plants in their natural habitats, reinforce classroom learning by experiencing diverse flora firsthand, develop plant identification skills, understand ecosystem dynamics, and cultivate an appreciation for biodiversity and conservation practices; essentially, bridging the gap between theoretical knowledge and real-world application of botanical concepts.

Procedure :-

The following is the procedure of the students visited field trip place.

Nature and Organic Products:

- Prakruthi Vanam is associated with natural and organic products, including edible oils, millets, and other food items.
- They emphasize providing wholesome, natural foods.
- They produce items like Lemon Grass Oil, and various organic food products.

Location:

- It's located in Pulikallu, Madanapalle, Chittoor district, specifically in Gudisivaripalle.
- It is located a few kilometers outside of Madanapalle.

Focus on Health:

- Information from video sources indicates that the owners of Prakruthi Vanam, such as Mr. Prasad, share knowledge about healthy living.

Business:

- It functions as a business providing organic products.
- It is possible to purchase their products through online stores.



1. Pic at the entrance of the field trip place, Prakruthivanam



2. Explaining about the rain water harvesting system. Which was very famous in that place of visit.



**3. pic during the visit
of the Green House**

Some more picks of the visited place(Prakruthivanam)





The guide explains about the manuring types

Outcomes of visiting field trip :-

Understanding of Natural Farming:

- Students can gain firsthand knowledge of natural farming practices, including techniques like the "five-layer model," which promotes biodiversity and soil health.
- They can learn about the importance of reducing or eliminating chemical pesticides and fertilizers.

Awareness of Organic Products and Healthy Eating:

- Students can learn about the benefits of consuming organic foods, such as millets and cold-pressed oils.
- They can gain insight into the connection between diet and health.

Environmental Education:

- Visits can provide opportunities to learn about rainwater harvesting and other sustainable water management practices.
- Students can develop a greater appreciation for the natural environment.

Practical Knowledge:

- They can see how natural products like shampoos, oils, and cleaning agents are made using traditional methods.

- This can spark an interest in traditional knowledge and local industries.

Inspiration for Sustainable Living:

- Seeing individuals like Mr. Prasad and Mr. Guna Sekhar Reddy, who have dedicated themselves to natural living, can inspire students to adopt more sustainable lifestyles.
- They can learn about people who have made big life changes to live in closer connection to nature.

Educational reinforcement:

- For students learning about biology, environmental science, or agricultural science, a visit to this type of location can greatly enhance the learning they are receiving in the classroom.