A Report on Industrial Visit to
"Prakruthi Vanam"
Organized by Department of Computer Science & Technology
on 04.11.2024

Report Submitted by Ms. Lakshmi B, Assistant Professor, Department of Computer Science & Technology and Mr. Suresh D, Assistant Professor, Department of Computer Science & Technology.
Participants: III Year & II Year CST Students
Attendance: 45 Students
Mode of Conduct: Offline
Report Received on 20.11.2024

Department of Computer science & Technology has organized a one-day industrial visit to **Prakruthi Vanam** on 04.11.2024 (Monday). The Organization has permitted only 45 students.

Objective:

The aim of this visit is to familiarize students with the environment and working culture at Prakruthi Vanam, to raise awareness about the opportunities available in the field of environmental sustainability, and to prepare students to meet the demands of the growing green sector. Through this visit, students will gain insights into eco-friendly practices and sustainable business models, enhancing their understanding of the industry's future trends and opportunities.

Schedule:
The travel started exactly at 9:10am from our college campus with one college bus accompanying 45students, after a traditional puja. The students were coordinated by **Ms. Lakshmi B** and **Mr. Suresh D** from CST department, were ached the organization around 10:00 AM and proceeded to registration to avail the pass. The industrial visit ended around4:00 PM and started back and reached college campus by 4:40 PM.

Prakruthi Vanam – Campus Engagement Program:

Prakruthi Vanam hosted a Campus Engagement Program focused on sustainable agriculture, with a session led by Mr. Shiva,Employee at Prakruthi Vanam.welcomed the students and managed the event logistics.

The one-hour session covered essential topics such as **seedling care**, **water management**, and **crop systems**. Mr. Shiva emphasized the importance of quality seedlings for healthy crops and sustainable farming. he also discussed efficient **water management** techniques like drip irrigation and rainwater harvesting, crucial for conserving water resources.

Additionally, the session highlighted the **filtering of pulses** to ensure clean, high-quality products. Prakruthi Vanam is committed to fostering sustainable agricultural practices through innovative technologies and eco-friendly solutions.

Questionnaire Session:

The resource person ended the session by taking the feedback and questions from the students. The answers from the experts for the feedback of students are;

1. Experts encouraged students to explore sustainable farming technologies, such as water management systems and data management tools, to enhance agricultural efficiency

2. The importance of using AI and IoT to monitor crops, manage soil health, and protect farms from threats like pests and climate change was discussed.

3. The session emphasized the need to safeguard agricultural identities, like unique crop varieties, from external threats to ensure long-term sustainability.

Takeaway from the Visit:

1. Students understood the importance of **sustainable farming practices** and the expectations in the field of agriculture.

2. Students observed the hands-on **farming methods** and enjoyed the natural, eco-friendly infrastructure at Prakruthi Vanam.

3. Students learned how to prepare themselves for careers in **sustainable agriculture**, focusing on practical skills and environmental stewardship.

Ms. Lakshmi B and **Mr. Suresh D** expressed his/her thanks to **Ms. Shiva** and his team of Prakruthi Vanam for providing this wonderful opportunity and discussed about campus hiring, and workshops etc.