



Report on One-Day Social Connectivity Camp

Topic: Organic Farming and Waste Management

Date: 04/12/2024

Venue: Akshayakalpa Farms and Foods Private Limited, Kodihalli Village, Chanarayapatna Taluk, Hassan District, Karnataka.

Organized by: Department of Artificial Intelligence and Machine Learning
Kalpataru Institute of Technology, Tiptur

Introduction

As part of the **VTU, Social Connect and Responsibility Subject**, the Department of Artificial Intelligence and Machine Learning organized a **One-Day Social Connectivity Camp** focusing on **Organic Farming and Waste Management**. The primary objective of the camp was to create awareness about sustainable practices, including organic farming and effective wet waste management, while fostering a deeper connection between students and the surrounding community.

Participants

The camp was led by **Dr. Raviprakash**, Head of the Department, Artificial Intelligence and Machine Learning, along with faculty members **Prof. Vinaykumar V N**, **Prof. Vidyashree M**, **Prof. Divya C B**, and **Prof. Yashaswini N L**. A total of **57 students** actively participated in the event.

Objectives of the Camp

1. To understand the principles and benefits of **organic farming**.
2. To explore **wet waste management** practices applicable to neighbouring villages.
3. To analyze how these practices can be implemented effectively on our campus.
4. To encourage students to take a proactive role in promoting sustainable development in rural and urban areas.

Visit to Akshayakalpa Organic Milk

Akshayakalpa Organic Milk, renowned for its pioneering practices in organic dairy farming, served as the perfect destination to understand sustainable agricultural practices. The students and faculty explored the following:

- **Organic Farming Techniques:** Insights into chemical-free farming, maintaining soil health, and producing high-quality organic milk.
- **Waste Management Systems:** A detailed explanation of how wet waste is converted into compost and biogas, emphasizing zero waste in production.
- **Sustainability Practices:** Implementation of solar power and rainwater harvesting to create an eco-friendly farming environment.
- **Community Impact:** The role of Akshayakalpa in empowering local farmers through organic farming and its positive impact on rural livelihoods.

Case Study and Interaction

The students had the opportunity to interact with the experts at Akshayakalpa to understand the challenges and opportunities in transitioning to organic farming and adopting sustainable waste management. This interaction was pivotal in bridging the gap between theoretical knowledge and practical application.

Report Compilation and Analysis

During the camp, students documented their observations and insights. Key takeaways included:

1. The importance of adopting organic farming for long-term environmental sustainability.
2. How effective wet waste management can significantly reduce environmental degradation.
3. The feasibility of implementing similar waste management systems on the campus of Kalpataru Institute of Technology.
4. Ideas for raising awareness about sustainability within local communities.

Outcomes of the Camp

- **Knowledge Enhancement:** Students gained hands-on experience and practical knowledge of organic farming and waste management.
- **Awareness Building:** Increased awareness of sustainable practices and their importance in environmental conservation.
- **Campus Implementation:** Plans were initiated to explore implementing waste management techniques on campus.
- **Community Impact:** Inspired students to actively contribute to spreading awareness about organic farming and waste management in their own communities.

Conclusion

The One-Day Social Connectivity Camp at Akshayakalpa Organic Milk was a resounding success. The visit provided valuable insights into sustainable practices, fostering a sense of responsibility among students towards environmental conservation and community development.

We extend our heartfelt gratitude to Akshayakalpa Organic Milk for their hospitality and detailed explanations, which made this event highly impactful.



