

**MET's Institute of Engineering  
Bhujbal Knowledge City, Adgaon, Nashik  
Department of First Year Engineering**

**Name of the program- " Industrial Visit"**

**Date:** 12/09/2024

**Time:** 10:00AM - 1:30PM

**Day:** Thursday

**Venue:** Sahyadri Farm

**Induction Coordinator-**Dr. R. S. Dhake

**Coordinator:** Dr. R. S. Dhake & Prof. R. D. Rajkuvar

**Objective of Visit-**

The main objectives of the visit -

- To learn about the business model of farmer-producer organizations (FPOs).
- To observe sustainable and innovative farming practices.
- To understand food processing, packaging, and export operations.
- To explore the role of technology in agriculture and value addition.

The visit to Sahyadri Farms was organized as part of an academic initiative to understand sustainable farming practices, agro-industrial operations, and the farmer-centric cooperative model. Sahyadri Farms is one of India's leading farmer-producer organizations (FPO), renowned for its innovative approach to agriculture, food processing, and value chain management. Sahyadri Farms, based in Nashik, Maharashtra, is a pioneering farmer-producer company established to empower small and marginal farmers. The organization focuses on integrating farming, processing, and marketing to ensure fair returns for farmers.

**Key Highlights:**

- **Specialization:** Horticulture, food processing, and exports (e.g., grapes, pomegranates, tomatoes).
- **Products:** Fresh fruits, processed products like jams, juices, and frozen vegetables.
- **Vision:** To make farming profitable and sustainable while addressing challenges faced by Indian farmers.
- **Innovations:** Use of technology in crop monitoring, post-harvest management, and value-added product development.

**Key Observations**

During the visit to Sahyadri Farms, the following observations were made:

1. **Farmer-Centric Model:**
  - Sahyadri Farms is a cooperative platform that aggregates produce from thousands of small farmers.
  - Farmers are co-owners and benefit directly from profits.
2. **Food Processing Unit:**
  - Observed the cleaning, grading, and packaging of fresh produce like grapes and tomatoes.
  - Insights into processing and packaging of value-added products like juices, purees, and frozen fruits.
3. **Sustainable Practices:**
  - Water management and drip irrigation techniques for efficient resource utilization.
  - Organic and residue-free farming methods for high-quality produce.
4. **Export Operations:**
  - Sophisticated cold storage facilities to maintain the freshness of export products.
  - Understanding of global quality standards and certifications.
5. **Technology and Innovation:**
  - Use of apps and software for real-time crop monitoring and farmer coordination.
  - Automated sorting and grading machinery for increased efficiency.

**Outcomes and Learning's**

- Gained a practical understanding of how FPOs can empower small farmers and improve profitability.
- Learned about the entire value chain from production to processing, packaging, and export.



- Observed the importance of sustainable and residue-free farming in modern agriculture.
- Acquired insights into the role of technology in optimizing agricultural processes.

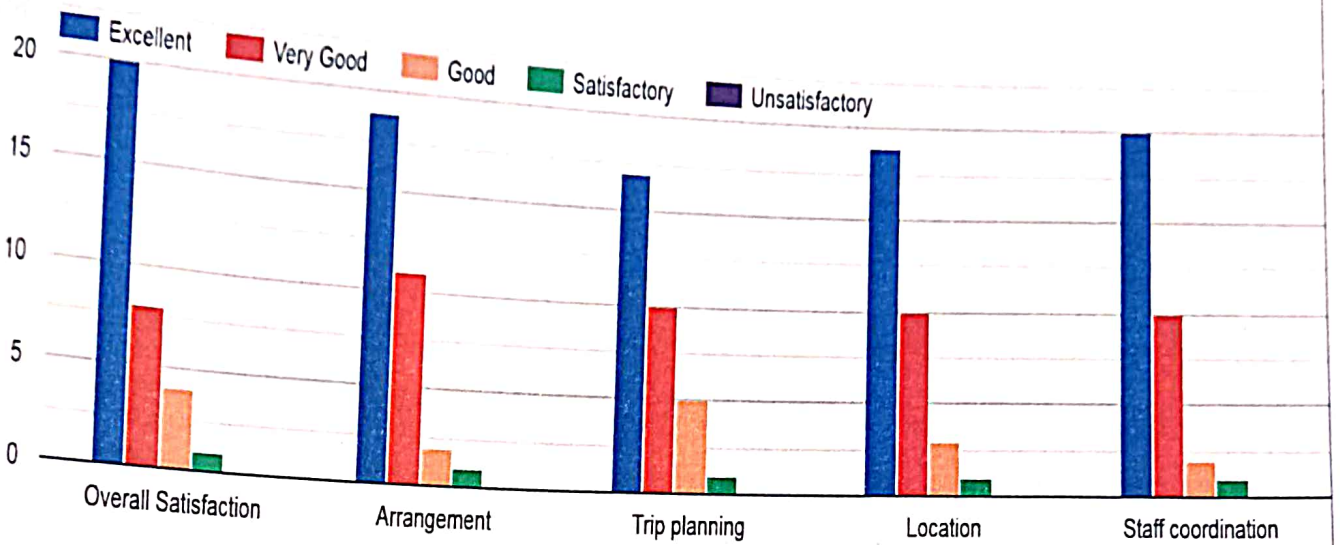
### Conclusion

The visit to Sahyadri Farms was an enriching experience that provided valuable insights into the functioning of a successful FPO. The exposure to sustainable farming practices, advanced processing technologies, and farmer empowerment initiatives demonstrated the potential of agriculture as a profitable and sustainable business model.



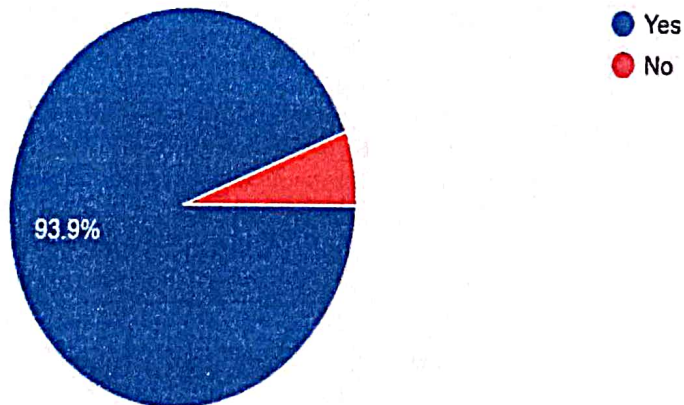


Please rate your experience



Would you be interested in attending a similar field visit in future?

33 responses



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