



Uka Tarsadiya University
Kishorbhai Institute of Agricultural Sciences
and
Research Centre
Report on Student Orientation Program
(Batch 2024-25)

Day 4: Industrial Visit (KRIBHCO)

Date: 25th July 2024

Venue: Hazira (Surat)

Time: 9:00 AM to 3:00 PM

Total Number of Participants: 16 (Sixteen)

Name of the Expert (Outside UTU expert):

1) S. T. Makwana 2) A. Ravichandran 3) Ajay Patel

Event Coordinator: Dr. Kalpesh Raval, Dr. Nikunj Sohaliya, Ms. Snaa Mistry, Dr. Ankit Chaudhary, Dr. Rajdip Vaja and Dr. Sonali Chaudhari

Program objective: To enhance students understanding and familiarity with industry associated with agriculture and farmer's prosperity.

Program outline:

The KRIBHCO plant visit program begins with a welcome briefing, which provides an overview of the tour's objectives and introduces the significance of the fertilizer production technology in India and overseas. Following this, participants receive an in-depth introduction to fertilizer production technologies, covering the principles of energy production, urea production, neemcoating of urea and its storage and transportation. The core of the visit is a guided tour of the facility, highlighting key stages such as Urea plant, DAP Plant and the systems for ammonia, water collection and utilization and fertilizer transport system. The program concludes with a Q&A session, where participants can inquire about the biogas production process and a discussion on the benefits of fertilizers, production and the overall advantages of fertilizer production technology.

R. Kishore

Program outcomes:

- Enhanced understanding of fertilizer production
- Practical insights into energy production and utilization
- Awareness of environmental benefits
- Understanding of difficult mechanism of working fertilizer plant
- Exposure to industrial practices
- Critical thinking and problem-solving skills
- Inspiration for future careers

Schedule of Event:

Time	Activity
09:00 am	Departure from University campus
10:30 am	Arrival at Glow Green company
10:30 am to 2:30 pm	KRIBHCO plant visit
03:00 pm	Return to University campus

List of Participants:

Name of Participant	Stream	Name of Program
Vasava Parthkumar A.	Agriculture	B.Sc. (Hons.) Agriculture
Vankar Dev	Agriculture	B.Sc. (Hons.) Agriculture
Chaudhari Meet J.	Agriculture	B.Sc. (Hons.) Agriculture
Chaudhari Pritiben P.	Agriculture	B.Sc. (Hons.) Agriculture
Chaudhari Nidhikumari R.	Agriculture	B.Sc. (Hons.) Agriculture
Patel Harshit C.	Agriculture	B.Sc. (Hons.) Agriculture
Chaudhary Aditya R.	Agriculture	B.Sc. (Hons.) Agriculture
Harsh J. Chauhan	Agriculture	B.Sc. (Hons.) Agriculture
Pavish Dixit	Agriculture	B.Sc. (Hons.) Agriculture
Gamit Shahilkumar V.	Agriculture	B.Sc. (Hons.) Agriculture
Jalondhra Vishal M.	Agriculture	B.Sc. (Hons.) Agriculture
Patel Ankur S.	Agriculture	B.Sc. (Hons.) Agriculture
Patel Mihir P.	Agriculture	B.Sc. (Hons.) Agriculture
Patel Dhruvikumari R.	Agriculture	B.Sc. (Hons.) Agriculture
Patel Shikha D.	Agriculture	B.Sc. (Hons.) Agriculture
Bhavsar vaidehi N.	Agriculture	B.Sc. (Hons.) Agriculture

Introduction

KRIBHCO was one of the first Plants to come up in Hazira Area in the State of

Gujarat, on the bank of river Tapti, 15 km from Surat is a leading Fertilizer player in the Cooperative Sector.

KRIBHCO was incorporated as a national level Multi State Cooperative Society to implement first gas based "state-of-the-art" high capacity Fertilizer Complex consisting of 2 x 1350 MTPD Ammonia plants and 4 x 1100 MTPD Urea plants each with annual installed capacity of 8.91 Lakh MT of Ammonia and 14.52 Lakh MT of Urea

Objectives:

1. Urea Production
2. Water Management
3. Zero wastage
4. Farmers welfare
5. Economic Benefits

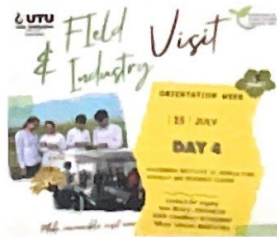
Key highlights:

The key highlight of the KRIBHCO plant is its ability to produce million tonnes of Urea and ammonia-based fertilizers and heavy water.

Summary:

In summary, the key highlights of a KRIBHCO plant include its role in fertilizer production, effective energy management, zero wastage, the generation of heavy water and overall resource efficiency. These aspects underscore the plant's contribution to sustainable development and environmental management.

Day 4 Highlights: Photos





Concluding Remarks:

A visit to a KRIBHCO plant provides a comprehensive understanding of how fertilizers are imported, produced, managed, and exported, highlighting its importance in sustainable growth of Indian farmer and community. In conclusion the entire program aligns with NAAC criteria 5, focusing on students- oriented activities.

Report prepared by: Dr. Raval Kalpesh

Date: 7th August, 2024


Sign of the Director



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