

Report

Visit to Fertiliser Management Development Institute, IFFCO, Gurugram

Date: 23/01/2025

Venue: IFFCO, Gurugram

Event Type: Industrial visit

Mode of Activity: Offline

Target Group: B. Sc. (H) Ag. Students

Organized by: School of Agricultural Sciences

Convener: Dr. J.S Yadav

Faculty organizers: Dr. Rabiya Basri, Dr. Ambika Bhandari and Dr. Neha Sharma

Number of Participants: 38 Students

Report on the Visit to IFFCO

School of Agricultural Sciences has organized an industrial visit to Indian Farmers Fertilizer Cooperative Limited, Gurugram on 23rd January 2025 for the students of B. Sc. (H) Agriculture. The visit focused on gaining insights into the innovative solutions provided by IFFCO for sustainable agriculture, with a particular emphasis on **nanotechnology-based fertilizers** and organic inputs. Dr. Joginder Singh Yadav, Dean, SOAS and Agriculture fraternity of K. R. Mangalam University was warmly welcomed by the IFFCO team and provided an in-depth overview of their research and production facilities. Dr. R. P. S. Yadav, Director of Fertilizers and Marketing Development Institute has given valuable and insightful information regarding IFFCO's **Seaweed-Based Bio-Stimulants** which are derived from natural seaweed extracts. These products promote plant growth, enhance stress tolerance, and contribute to soil health and a sustainable solution for modern farming. He has discussed roles IFFCO's role in promoting sustainable and eco-friendly farming practices through advanced research and development. Also emphasized on the importance of reducing chemical inputs while improving crop yield and quality. Students were introduced to IFFCO's **Nano Urea**, a revolutionary fertilizer that enhances nutrient efficiency, reduces environmental impact, and minimizes the dependency on conventional urea. Mr. Shubham Bais highlighted its benefits, such as improved crop productivity, reduced application costs, and decreased soil and water contamination. Also

demonstrated the fully automated plant of IFFCO manufacturing Nano fertilizers at Kalol, Gujarat through a video.

The tour concluded with a Q&A session, where students interacted with the experts to clarify their doubts and discuss real-world applications of the technologies they had learned about. This visit was an enriching experience for the students, providing them with practical knowledge of innovative agricultural inputs and their role in sustainable farming.

This visit was organized by Dean SOAS and coordinated by Dr. Rabiya Basri, Dr. Ambika Bhandari and Dr. Jaynath Singh Patel.

School of Agricultural Sciences has organized an industrial visit to Indian Farmers Fertilizer Cooperative Limited, Gurugram on 23rd January 2025 for the students of B. Sc. (H) Agriculture. The visit focused on gaining insights about the innovative solutions provided by IFFCO for sustainable agriculture, with a particular emphasis on **nanotechnology-based fertilizers** and organic inputs. Agriculture fraternity of K. R. Mangalam University was warmly welcomed by the IFFCO team and provided an in-depth overview of their research and production facilities. Dr. R. P. S. Yadav, Director of Fertilizers and Marketing Development Institute has given valuable and insightful information regarding IFFCO's **Seaweed-Based Bio-Stimulants** which are derived from natural seaweed extracts. He has also discussed IFFCO's role in promoting sustainable and eco-friendly farming practices through advanced research and development with an exclusive emphasis on the importance of reducing chemical inputs while improving crop yield and quality. Students were introduced to IFFCO's **Nano Urea**, a revolutionary fertilizer that enhances nutrient efficiency, reduces environmental impact, and minimizes the dependency on conventional urea. Mr. Shubham Bais highlighted its benefits, such as improved crop productivity, reduced application costs, and decreased soil and water contamination. Also demonstrated the fully automated plant of IFFCO manufacturing Nano fertilizers at Kalol, Gujarat through a video.

The session was concluded with a Q&A session, where students interacted with the experts to clarify their doubts and discussed real-world applications of the technologies they had learned about. Students were also visited to the museum of IFFCO and gain knowledge about integrated nutrient and pest management,

watershed management with the help of different models. Over all it was an enriching experience for the students, providing them with practical knowledge of innovative agricultural inputs and their role in sustainable farming.

This visit was organized by Dr. Joginder Singh Yadav, Dean SOAS and coordinated by Dr. Rabiya Basri, Dr. Ambika Bhandari and Dr. Jaynath Singh Patel.



Dean SOAS, has shared the dais Dr. R. P. S. Yadav



Dr. R. P. S. Yadav addressing the audience and briefing about IFFCO



Students got the opportunity to discuss their queries with the expert



Mr. Shubham thrown light on the significance of Nano-urea and DAP through a presentation



Students are carefully listening to the views and knowledge shared by expert