

Industrial Outreach Programme to Trinita Fructa Limited on 11th April 2025

An industrial outreach programme was conducted by the Department of Botany, North Gauhati College on 11th April 2025 for the 6th Semester Honours students as part of their curriculum under the Microbiology paper. The visit was organized to provide students with first-hand exposure to the industrial fermentation process, one of the key topics in the microbiology syllabus.

The visit took place at Trinita Fructa Limited, a well-known food processing and fermentation industry specializing in the production of fruit-based beverages and fermented products. The objective of the visit was to bridge the gap between theoretical knowledge and practical applications of microbial processes in industrial settings.

Upon arrival, the students and faculty members were welcomed by the company's technical team. The session began with a brief presentation on the company's history, product range, and manufacturing technologies. This was followed by a guided tour of the production facility where students observed:

1. **Fermentation tanks and bioreactors** used in large-scale microbial fermentation.
2. **Quality control laboratories** where microbial cultures and product samples are tested.
3. **Packaging and bottling units** showcasing automation in food processing.
4. **Waste management systems** for by-product utilization and environmental safety.

The technical team explained the role of different microorganisms in fermentation, sterilization techniques, and quality assurance measures employed during the production process. Students had the opportunity to interact with industry professionals, ask questions, and gain insights into career prospects in microbiology and biotechnology.

The visit was coordinated by Dr. Ruby Doley and Dr. Ipsita Bhattacharjee, and was well appreciated by the students for its informative and interactive nature. It served as an excellent learning experience that enriched their understanding of applied microbiology beyond the classroom.

WORLD FOOD INDIA 2024
PRIME MINISTER'S VIRTUAL INAUGURATION
VIRTUAL INAUGURATION OF
FOOD PROCESSING INDUSTRY
ESTABLISHED UNDER PAMCY SCHEME
TRINITY FRUCTA PRIVATE LIMITED UNIT III
TOTAL COMMITTED INVESTMENT RS. 110 CR
19TH SEPTEMBER, 2024

TRINITY FRUCTA PVT. LTD. UNIT III
(A UNIT OF TRINITY FRUCTA PRIVATE LIMITED)
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Consent to Establish (CTE)	No. : 48/T/22/12/03/21-22/03/2019 Date of Issue: 22/03/2019
Consent to Operate (CTO)	No. : 49/T/22/12/03/21-22/03/2019 Date of validity: 31/03/2028
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