



**St. Francis**  
**College for Women**  
Begumpet, Hyderabad-500016  
(Autonomous & Affiliated to Osmania University)  
NAAC Re-accredited with 'A' Grade 4<sup>th</sup> Cycle



जैवप्रौद्योगिकी विभाग  
**DEPARTMENT OF  
BIOTECHNOLOGY**

**ACADEMIC YEAR 2023 - 2024**  
**DEPARTMENT OF BOTANY**

**Report on Field Trip to Agri Biotech Foundation**

**Date: 05.02.2024**

**Time: 9:00 am to 4:00 pm**

**Brochure**

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**DBT STAR COLLEGE**  
(Under the Strengthening Component)  
**Department of Botany**  
organizes a  
**Field Trip to**  
**Agri Biotech Foundation**  
**Rajender Nagar, Hyderabad, Telangana**  
**For B.Sc. IIIA and IIIN Botany students**

**DEPARTMENT OF BIOTECHNOLOGY**

**SUSTAINABLE DEVELOPMENT GOALS**  
SFC supports SDG

**Date : 05- 02-2024 | Time : 09.30 A.M to 4.00 P.M | Venue : Rajender Nagar**

The Department of Botany organized a **Field Trip** to “**Agri Biotech Foundation**” under DBT STAR COLLEGE (Strengthening Component) for the Botany students of III-year BZC and ANBC. Around 37 students and 2 faculty members participated. The Director of Agri Biotech Foundation Dr. G. Pakki Reddy addressed the students and explained them about the institute, extension activities and the ongoing projects at ABF. Senior scientist Dr. S. Gopala Krishna gave brief presentation on the plant tissue culture techniques and micropropagation of banana & teak. In the afternoon session, Dr. T. Meenakshi (scientist, Microbiology division) at ABF explained about the importance of microorganisms in promoting the plant growth and development. Students also got the opportunity to visit Plant tissue culture lab, Microbiology lab, plant hardening unit and vermicomposting unit.



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## Objectives

1. To understand the importance of various Plant tissue culture techniques including micropropagation of banana and teak.
2. To recognize the role of various microbes in promoting the plant growth and development.

## Outcomes

Students understood

1. The importance of Plant tissue culture techniques and transgenics in crop improvement.
2. The role of various biofertilizers being prepared in ABF in maintaining the plant health.
3. The processing method of vermicompost and vermishash.

## Relevant Photographs



The Director of Agri Biotech Foundation Dr. G. Pakki  
Reddy addressing the students



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Plant Hardening chamber for  
tissue culture grown plants



Tissue culture grown Teak plants