



St. Francis

College for Women

Begumpet, Hyderabad-500016

(Autonomous & Affiliated to Osmania University)
NAAC Re-accredited with 'A' Grade 4th Cycle



जैवप्रौद्योगिकी विभाग
DEPARTMENT OF
BIOTECHNOLOGY

ACADEMIC YEAR 2023 - 2024

DEPARTMENT OF BOTANY

Report on Workshop on “Hydroponics: Basic techniques and scope of soil less farming”

Date: 17.02.24

Time: 10:00 am to 2:00 pm

Brochure

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DBT STAR COLLEGE
(Under the Strengthening Component)

Department of Botany

organizes a
Workshop on

**“Hydroponics: Basic Techniques
and Scope of Soil less Farming”**

**For Students pursuing Botany
B. Sc BZC and ANBC II year.**

Date : 17 - 02-2024 | Time : 9:30 am to 12:00 noon | Venue : Gerosa hall & Green House

**SUSTAINABLE
DEVELOPMENT
GOALS**
SFC supports SDG

The Department of Botany organized a workshop on **“Hydroponics: Basic techniques and scope of soil less farming”**. under DBT STAR COLLEGE (Strengthening Component) for the Botany students of II-year BZC and ANBC. Around 30 students and 3 faculty members participated. The resource person for the event was Dr. Satya Narayana Reddy, Managing Director, IHG Farms Pvt. Ltd.

Objectives

- Providing an overview of growing plants in hydroponic system and its advantages.
- Understanding the nutritional requirement of plants grown hydroponically and how to manage nutrient solution.
- Providing practical demonstration to involve students in having hands-on experience.



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Outcomes

- The session was interactive and helped students to understand the advantages of soil less farming in agriculture, commercial production and research applications.
- Students learned the methods for maintain hydroponic system, including monitoring TDS and pH levels and nutrient concentrations.
- During the Q&A session, students interacted with speaker on the various aspects regarding the plants that are suitable for growing using hydroponic system and the basic requirements necessary for setting up a hydroponic system in their houses.

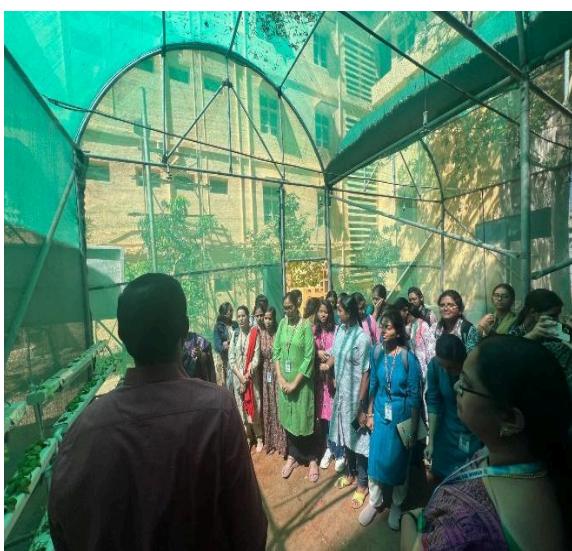
Relevant Photographs



Felicitation of the Guest Speaker



Students experiencing Hands-on session



Speaker interacting with Students in Green house

Group Photograph