



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

The brochure is a colorful poster with a blue and green gradient background. It features the St. Francis College for Women logo on the top left and the Department of Biotechnology logo on the top right. The central text reads: '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.' A circular portrait of Dr. Satya Narayana Reddy is on the left. At the bottom, a red banner contains the date, time, and venue: 'Date : 17 - 02-2024 | Time : 9:30 am to 12:00 noon | Venue : Gerosa hall & Green House'. A 'Sustainable Development Goals' logo is also present on the right.

St. Francis
College for Women
Begumpet, Hyderabad-500016
(Autonomous & Affiliated to Osmania University)

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.

Resource Person

Dr. SatyaNarayana Reddy
M.Sc., Ph.D. Managing Director
IHG Farms Pvt.Ltd.

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

DEPARTMENT OF BIOTECHNOLOGY
जैवप्रौद्योगिकी विभाग

**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.



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

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.

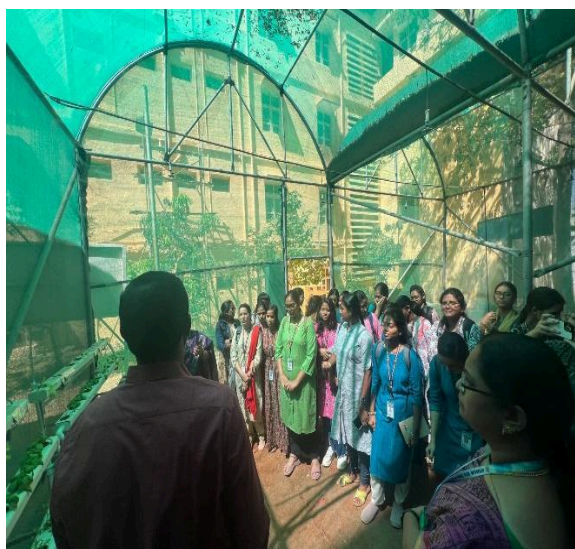
Relevant Photographs



Felicitation of the Guest Speaker



Students experiencing Hands-on session



Speaker interacting with Students in Green house

Group Photograph