



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: 17.02.23

Time: 10:00 am to 2:00 pm

Brochure

The brochure is a colorful poster for a workshop. It features the logos of St. Francis College for Women, the Department of Biotechnology, and Sustainable Development Goals. The text is in both English and Hindi. It mentions the DBT STAR COLLEGE (Under the Strengthening Component) and the Department of Botany. The resource person is Dr. Satya Narayana Reddy, Managing Director of IHG Farms Pvt. Ltd. The workshop is titled “Hydroponics: Basic Techniques and Scope of Soil less Farming” and is for students pursuing Botany B. Sc BZC and ANBC II year. The date is 17-02-2024, time is 9:30 am to 12:00 noon, and the venue is Gerosa hall & Green House.

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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.**

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

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.



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