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
सत्यमेव जयते

ACADEMIC YEAR 2023 - 2024

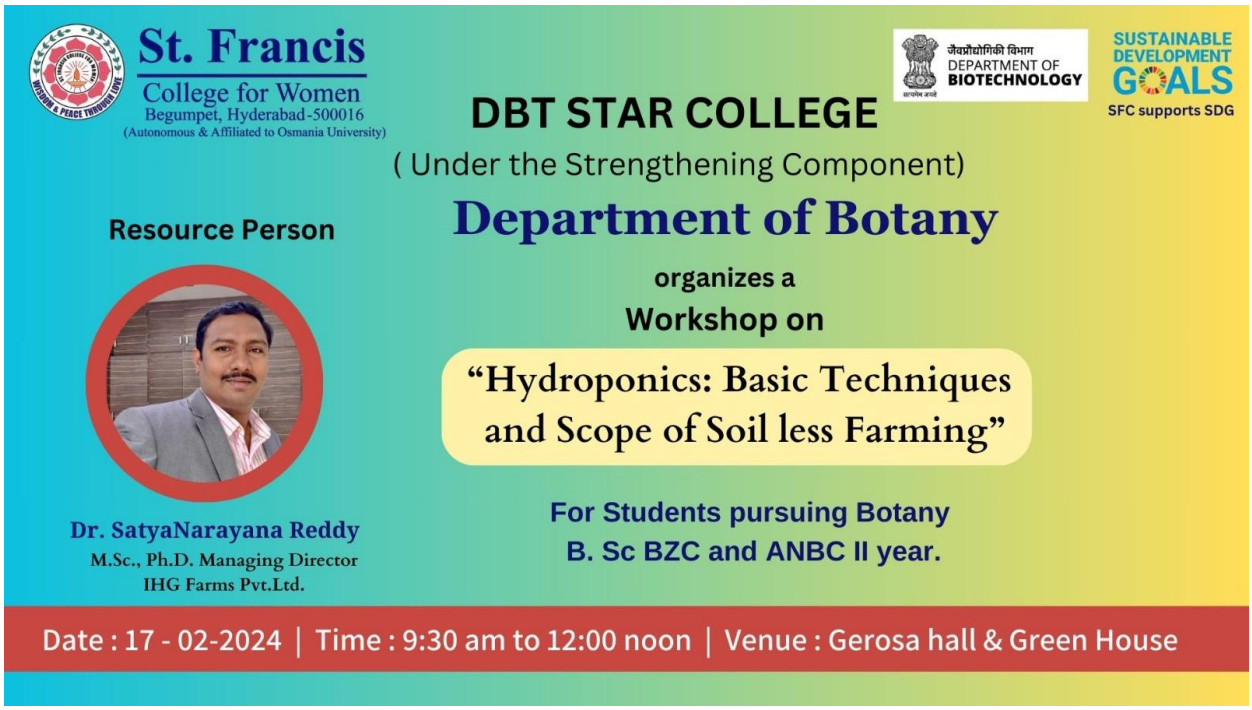
DEPARTMENT OF BOTANY

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 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