



ST. FRANCIS COLLEGE FOR WOMEN, HYDERABAD

ACADEMIC YEAR 2023 - 2024

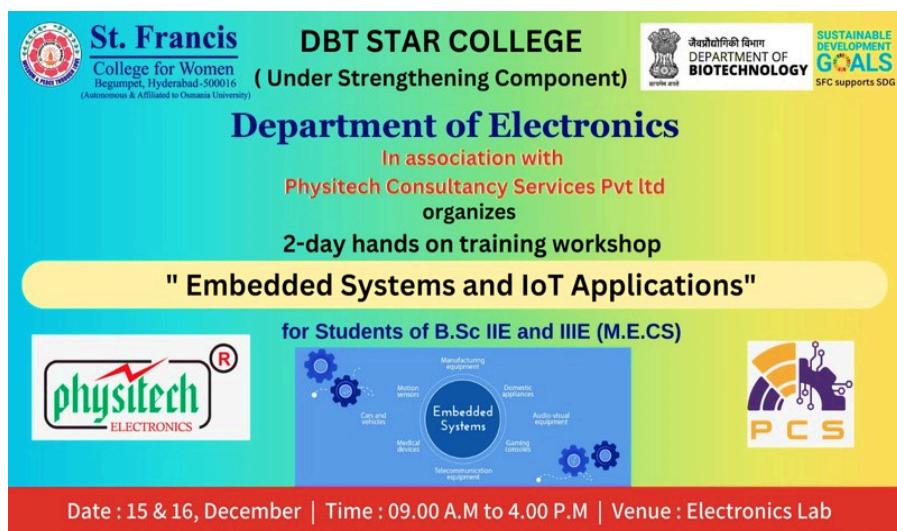
DEPARTMENT OF ELECTRONICS

Report on Guest Workshop on “Embedded Systems and IoT Applications”

Date: 15th & 16th December, 2023

Time: 9.00 a.m to 4.00 p.m

Brochure



The Department of Electronics organized a 2-day hands on training workshop on “Embedded Systems and IoT Applications” under DBT STAR COLLEGE, Strengthening Component, for the B.Sc students of II/III year (M.E.CS). Around 60 students and 2 faculty members participated. The resource person for the event was Mr. Shareef, from Physitech Consultancy Services Pvt Ltd.

Objectives:

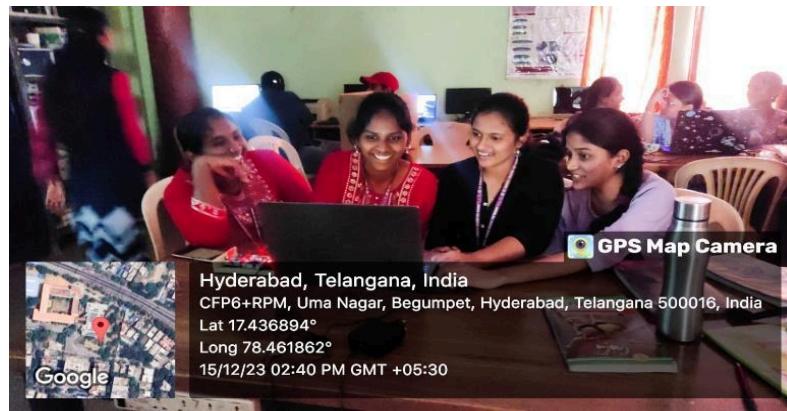
- The primary objective of the session was to enhance the students' knowledge in electronic skills and embedded systems.
- Apply the knowledge in the IoT field which will help the students to pursue a career as embedded engineer or an IoT professional with this hands-on training 2 day workshop.



Outcomes: The students learned about :

- Basic programming in ESP 32 Micro controller including GPIO manipulation.
- Soil moisture Sensor ,LDR Sensor, OLED DISPLAY, IP address Sensor, Ultrasonic Sensor using Arduino with this system.
- Comprehensive understanding of real-life applications and conducted an in-depth study of core components like micro controllers.

Pictures





St. Francis

College for Women

Begumpet, Hyderabad-500016

(Autonomous & Affiliated to Osmania University)

NAAC Re-accredited with 'A' Grade 4th Cycle



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DEPARTMENT OF
BIOTECHNOLOGY

