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

ST. FRANCIS COLLEGE FOR WOMEN, HYDERABAD

ACADEMIC YEAR 2023 - 2024

DEPARTMENT OF PHYSICS

Report on "Hands on Training in Characterization Techniques for Magnetic Materials"

Date: February 06, 2024

Time: 9:00 AM -12:00 PM

Brochure:

The Department of Physics organized "Hands on Training in Characterization Techniques for Magnetic Materials" under DBT STAR COLLEGE (Strengthening Component) for the BSc. III year (MPCs, MPC). 60 students and 3 faculty members participated. The resource person for the event was S. Shiva Krishna, Texla Scientific Instruments, Hyderabad.

Objectives:

1. To enhance understanding and deepen student's comprehension of Magnetic materials and its applications in daily life.
2. To educate participants and provide them with practical training in characterizing magnetic materials and focus on understanding magnetic susceptibility.
3. To provide hands-on experience and offer participants a firsthand exploration on determining magnetic susceptibility of solid using Gouy's Method and enhance proficiency in measuring resistivity of semiconductor materials.

Outcomes:

1. Participants deepened their grasp of characterizing magnetic materials through hands-on training and enhancing their academic knowledge.
2. The workshop heightened participants' knowledge on understanding magnetic susceptibility, its various types and applications, enabling them to apply this knowledge in diverse fields.
3. The interactive sessions helped participants acquire skills in conducting experiments using Gouy's method and Four-Probe method.

Pictures:


GPS Map Camera
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St Francis College, H. No - 6-3-1218/6/2 (GR Floor Street # 6, Uma Nagar Landmark - Lane Before Lifestyle, Uma Nagar, Begumpet, Hyderabad, Telangana 500016, India
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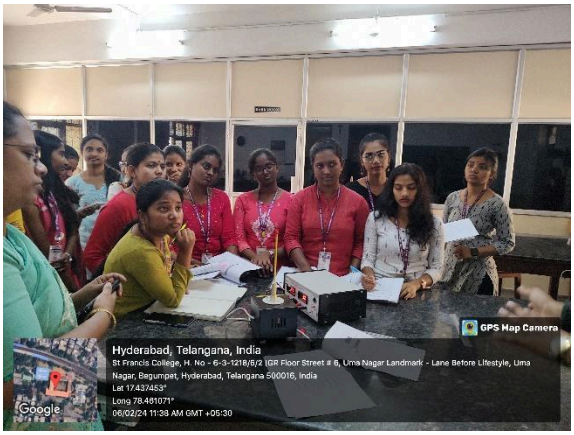
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