



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

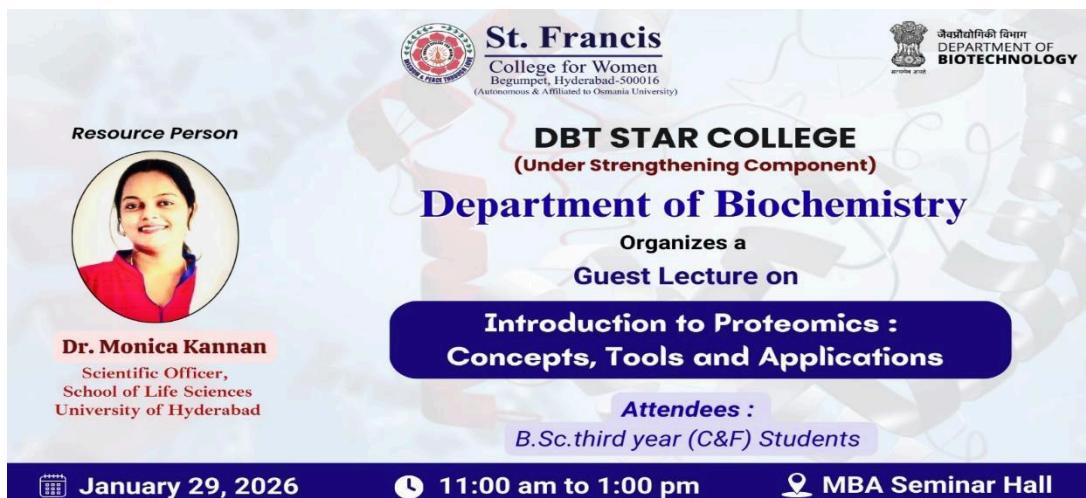
DEPARTMENT OF BIOCHEMISTRY

ACADEMIC YEAR 2025 – 2026

Report on guest lecture: Introduction to Proteomics: Concepts, Tools and Applications

Date: 29-01-2026

Time: 11:00 AM to 1:00 PM



Brochure of the Event

The Department of Biochemistry organized a guest lecture on Introduction to Proteomics: Concepts, Tools and Applications under DBT STAR COLLEGE (Strengthening Component) for the Final year students (IIIC & IIIF). Around 75 students and 3 faculty members participated during the guest lecture. The resource person for the guest lecture was Dr. Monica Kannan -Scientific Officer, University of Hyderabad.

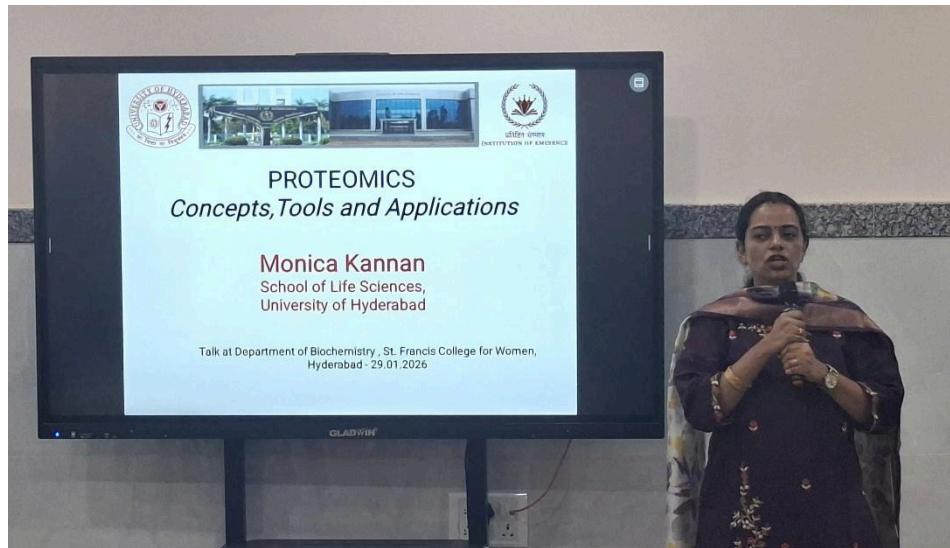
Objectives:

- Understand the basic concept of proteomics.
- Learn key proteomics tools and techniques.
- Explore real-world applications of proteomics.

Outcomes:

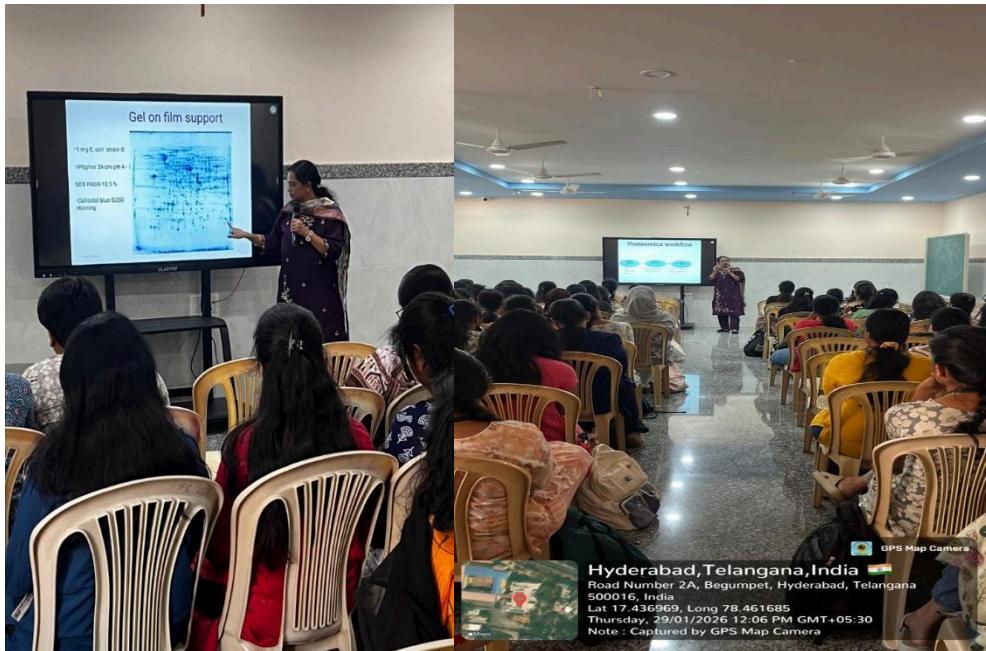
- Describe the basic principles of proteomics and explain how proteomics differs from genomics and transcriptomics.
- Recognize commonly used proteomics techniques and instruments, including protein extraction, separation methods, and mass spectrometry.
- Outline key applications of proteomics in healthcare, biotechnology, and biological research.

Pictures:



Guest lecture

delivered by Dr. Monica Kannan



Students engaged in the guest lecture



Students listening attentively to the guest lecture