

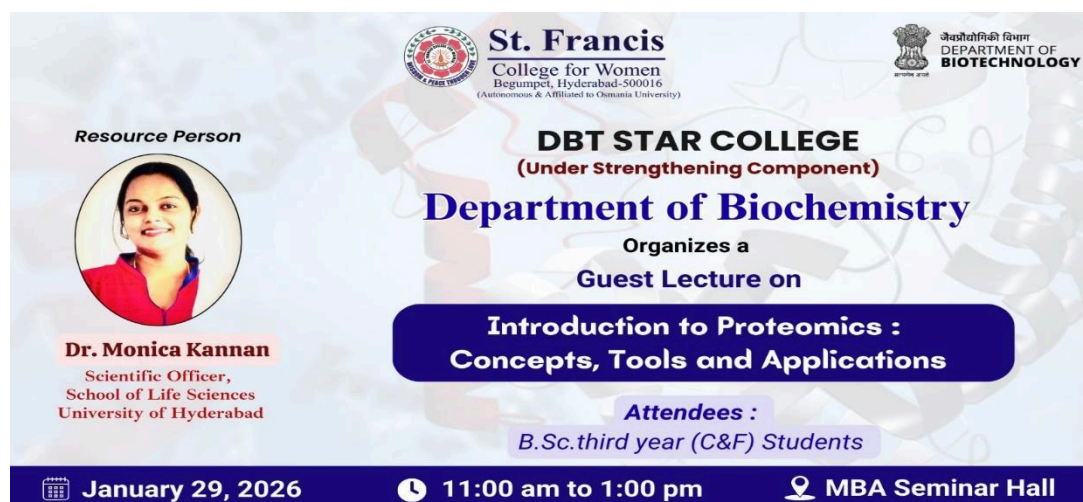
DEPARTMENT OF BIOCHEMISTRY

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



The brochure features a circular portrait of Dr. Monica Kannan on the left. The text on the right reads: 'DBT STAR COLLEGE (Under Strengthening Component) Department of Biochemistry Organizes a Guest Lecture on Introduction to Proteomics : Concepts, Tools and Applications'. Below this, it lists 'Attendees : B.Sc.third year (C&F) Students'. The bottom section contains the date 'January 29, 2026', time '11:00 am to 1:00 pm', and location 'MBA Seminar Hall'. Logos for St. Francis College and the Department of Biotechnology are at the top.

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.

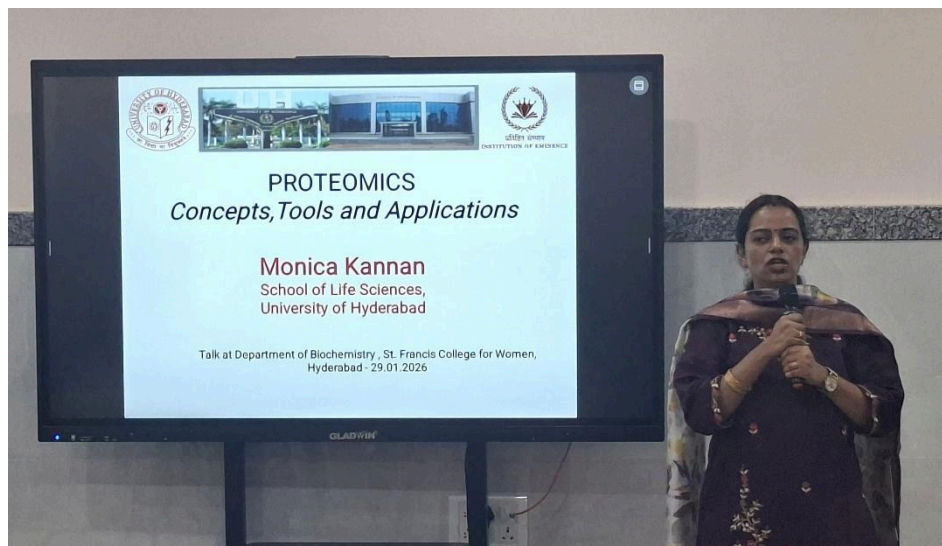
Objectives:

- 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