



# St. Francis

## College for Women

Begumpet, Hyderabad-500016

(Autonomous & Affiliated to Osmania University)  
NAAC Re-accredited with 'A' Grade 4<sup>th</sup> Cycle



सत्यमेव जयते

जैवप्रौद्योगिकी विभाग  
DEPARTMENT OF  
**BIOTECHNOLOGY**


ACADEMIC YEAR 2025 – 2026


Report on field visit to YMC School of Chromatography

Date: 30.08.2025

Time: 9:00 am to 4:00 pm

Brochure

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DEPARTMENT OF  
**BIOTECHNOLOGY**


**DBT STAR COLLEGE**  
(Under Strengthening Component)


**DEPARTMENT OF CHEMISTRY**

Organizes a  
Field Trip to

**YMC SCHOOL OF CHROMATOGRAPHY**  
Hyderabad

Attendees :  
UG Chemistry Students

 August 30, 2025

 9:00 am to 4:00 pm



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The Department of Chemistry, St Francis College for Women organised an educational visit to YMC School of Chromatography, Jeedimetla, Hyderabad on 30<sup>th</sup> August 2025. The visit was scheduled for a total of 29 students from B Sc. Final year. Dr. Saritha Aduri, Head of the Department, the faculty members Dr. K. Sushmitha, and Dr. Sabiha Fatima accompanied the students.

### Objectives

- To introduce the fundamental principles of chromatography and the role of stationary and mobile phases in separation.
- To familiarize students with different chromatographic techniques, including TLC, GC, HPLC, UHPLC, and SFC.
- To provide practical exposure to advanced chromatographic instrumentation and method development strategies.
- To enhance understanding of chromatographic applications in peptide synthesis, purification, and large-scale industrial processes.

### Outcomes

- Students will be able to select the appropriate chromatographic method for a given analytical or preparative application.
- Students will be able to differentiate between various chromatographic techniques, including TLC, HPLC, UHPLC, and Preparative HPLC, based on their principles, applications, and performance.



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## Relevant Photographs



*M. [Signature]*

DBT Coordinator

Dept. of Chemistry, SFC