



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

ACADEMIC YEAR 2025 – 2026

Report on “College Teachers Training Program

Date: 29.01.2026

Time: 9.30 am to 3.30 pm

Brochure

The brochure is for a training program organized by the Department of Chemistry at St. Francis College for Women. It features the college's logo and name at the top left, and the Department of Biotechnology logo at the top right. The central text reads "DBT STAR COLLEGE (Under Strengthening Component) Department of Chemistry is Organising a College Teachers Training Program". The date and time are "29th January, 2026, 9.30 am - 3.30 pm". The location is "PG Chemistry Lab". Four resource persons are listed: Dr. Sarbani Pal (Spectral Interpretation), Dr. Sabiha Fatima (Green Chemistry), Dr. Shikha Chander (Nanotechnology), and Dr. M. Bhargavi (Chemdraw). At the bottom, it says "Coordinated by: Dr. Saritha Aduri, HOD - Chemistry" and "Dr. K. Susmitha, Assistant Professor, Department of Chemistry" with a contact number "9441202396". A pink banner at the bottom left says "Teachers from Colleges".

The Department of Chemistry conducted a **Training Program for College Teachers** on Spectral Interpretation, Green Chemistry, Nanotechnology, and ChemDraw under the DBT STAR College (Strengthening Component) on 29th January 2026. Dr. Sarbani Pal, Associate Professor and Head of the Department of Chemistry at MNR PG College, along with Dr. Sabiha Fatima, Dr. Shikha Chander, and Dr. M. Bhargavi, Assistant Professors at St. Francis College for Women, served as the resource persons for the program. The active participation of 18 attendees made the programme interactive and fruitful. Overall, the training programme significantly contributed to updating knowledge, improving technical skills, and promoting innovative approaches in chemical sciences, thereby fulfilling the objectives.

Objectives

- **To enhance conceptual understanding of spectral interpretation**

Equip college teachers with advanced knowledge and practical approaches to interpret UV, IR, NMR, and Mass spectra effectively for teaching and research purposes.



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- **To promote Green Chemistry principles**

Create awareness about sustainable chemical practices and encourage the integration of environmentally friendly methodologies into undergraduate laboratory curricula.

- **To introduce recent advancements in Nanotechnology**

Provide foundational knowledge and emerging applications of nanomaterials in chemistry and allied sciences.

- **To develop proficiency in ChemDraw software**

Train participants in using ChemDraw for drawing chemical structures, reaction mechanisms, and preparing scientific documents and publications

Outcomes of the Training Program:

- Enhanced understanding of spectral interpretation techniques among college teachers for effective teaching and research applications.
- Improved awareness and implementation of Green Chemistry principles in laboratory practices.
- Gained insights into recent advancements in Nanotechnology and its academic relevance.
- Developed practical skills in using ChemDraw software for chemical structure representation and scientific documentation.
- Strengthened academic collaboration and knowledge exchange under the DBT STAR COLLEGE initiative.





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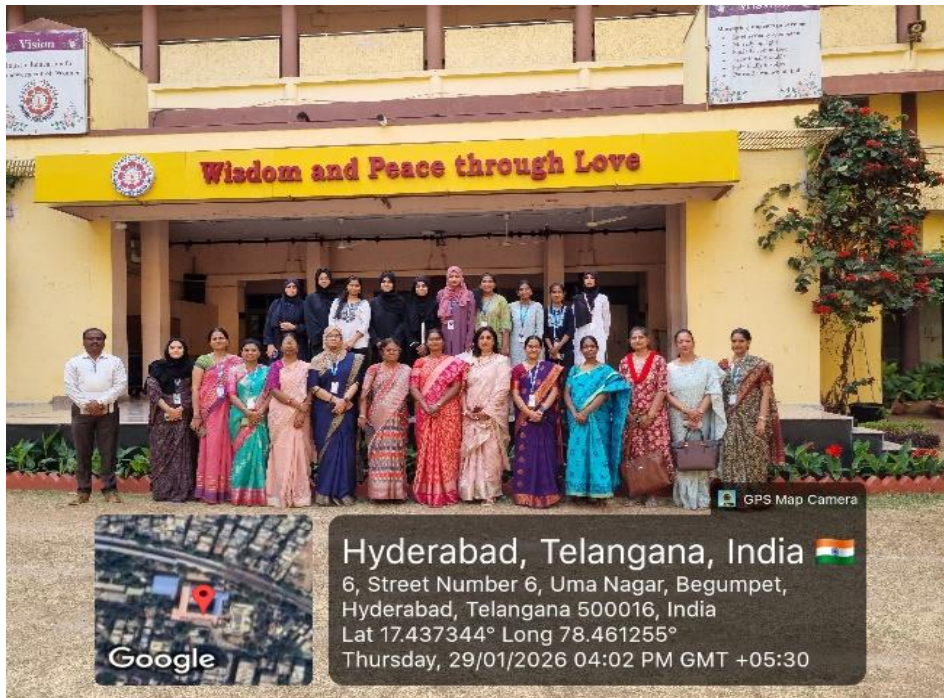
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DEPARTMENT OF BIOTECHNOLOGY



Hyderabad, Telangana, India
Street 5, Begumpet, Hyderabad, Telangana 500016, India
Lat 17.437267, Long 78.461138
Thursday, 29/01/2026 10:19 AM GMT+05:30
Note: Captured by GPS Map Camera



Hyderabad, Telangana, India
Street 5, Begumpet, Hyderabad, Telangana 500016, India
Lat 17.437181, Long 78.461173
Thursday, 29/01/2026 02:25 PM GMT+05:30
Note: Captured by GPS Map Camera



Hyderabad, Telangana, India
6, Street Number 6, Uma Nagar, Begumpet,
Hyderabad, Telangana 500016, India
Lat 17.437344° Long 78.461255°
Thursday, 29/01/2026 04:02 PM GMT +05:30

M. [Signature]

DBT Coordinator

Dept. of Chemistry, SFC