



# 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 workshop on NMR Spectroscopy: A Key to Unlocking Molecular Structure

Date: 30.07.2025

Time: 9.30 am to 11.30 am

Brochure



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### DBT STAR COLLEGE

(Under Strengthening Component)

## Department of Chemistry

Organizes a

Workshop on

**NMR Spectroscopy : A Key to unlocking  
molecular Structure**

Resource Person



**Dr. Sarbani Pal**

Associate Professor,  
HOD - Chemistry,  
MNR PG College



July 30, 2025



9:30 am to 11:30 am



Capitanio Hall

*For B.Sc. III A, B, C, F & N Students*

The Department of Chemistry organized a workshop on the “NMR Spectroscopy: A Key to Unlocking Molecular Structure” for the 3<sup>rd</sup> year UG A, B, C, F and N students. The total number of students attended were 230. The workshop was solely address on the topic “NMR Spectroscopy: A Key to Unlocking Molecular Structure ” was delivered by Dr. Sarbani Pal, Associate Professor, HOD chemistry, MNR PG College, Hyderabad. She has given a vivid description on NMR Spectroscopy and elucidation of Structure by using NMR spectroscopy.

#### Objectives:

- To equip participants with a comprehensive understanding of the latest advancements and applications in NMR spectroscopy.
- To foster collaboration and networking among participants, facilitating the exchange of ideas and promoting deeper engagement with the chemical principles underlying NMR spectroscopy.



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### Outcomes:

- The workshop proved to be immensely enriching, offering participants valuable insights into various aspects of NMR spectroscopy, including proton positioning, signal multiplicity, coupling constants, and the behaviour of labile hydrogens.

### Relevant Photographs





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## DEPARTMENT OF BIOTECHNOLOGY



M. [Signature]

DBT Coordinator

Dept. of Chemistry, SFC