



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

ST. FRANCIS COLLEGE FOR WOMEN, HYDERABAD

ACADEMIC YEAR 2025 – 2026

DEPARTMENT OF BIOCHEMISTRY

Hands-on workshop on Molecular Docking:

Computational Modelling of Protein Ligand Interactions

Date: 31-01-2026

Time: 9:00 AM to 12:30 PM

Brochure:

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Resource Person

Dr. Monika Kallubai
Assistant Professor of
Biotechnology
Rayalaseema University,
Kurnool

DBT STAR COLLEGE
(Under Strengthening Component)

Department of Biochemistry

Organizes a
Hands-on Workshop on

**Molecular Docking : Computational Modelling
of Protein ligand Interactions**

For B.Sc final year (3F and 3C) Biochemistry Students

Date : 31st January, 2026 Time : 9:00 am to 12:30 pm Venue : Computer Lab 1

The Department of Biochemistry organized a Hands-on Workshop on Molecular Docking: Computational Modelling of Protein Ligand Interaction under DBT STAR COLLEGE (Strengthening Component) for the Final year students (IIIC & IIIF). Around 54 students and 3 faculty members participated during the workshop. The resource person for the hands-on workshop was Dr. Monika Kallubai -Assistant Professor of Biotechnology, Rayalaseema University, Kurnool.

Objectives:

- Introduce the fundamental concepts of molecular docking.
- Provide hands-on training to students in molecular docking workflows.
- Train students to use molecular docking software and tools.

Outcomes:

- Students prepared protein and ligand structures for docking studies.
- Students performed molecular docking using computational tools.
- Analyze and interpret docking results.

Pictures:



Students engaged in the workshop



Participants receiving certificates



Resource person during the session