



# St. Francis

College for Women

Begumpet, Hyderabad-500016

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



जैवप्रौद्योगिकी विभाग

DEPARTMENT OF  
**BIOTECHNOLOGY**

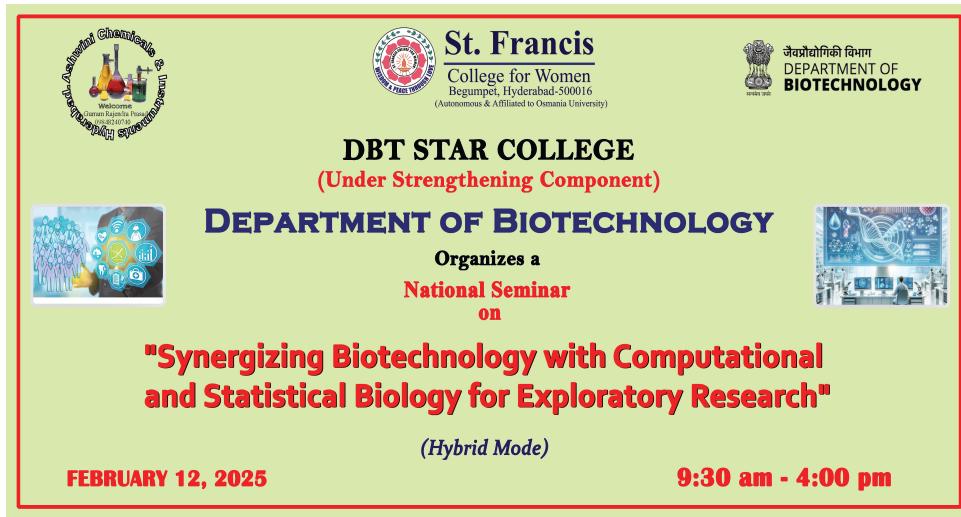
## DEPARTMENT OF BIOTECHNOLOGY

### Report on One day National seminar- “Synergizing Biotechnology with Computational and Statistical Biology for Exploratory Research.”

**Date:** 12<sup>th</sup> February, 2025

**Time:** 09:30am to 4:00pm

**Brochure:**



Under the **DBT STAR COLLEGE** Scheme (Strengthening Component), the Department of Biotechnology organised a one-day National seminar on “**Synergizing Biotechnology with Computational and Statistical Biology for Exploratory Research**” in Hybrid mode for BSc 2<sup>nd</sup> year Biotechnology students. The session was attended by 138 participants and 4 faculty members.



## Objectives:

To

- Assist students and researchers with valuable insights into integrative scientific inquiry.
- Effectively bridge theoretical knowledge with real-world applications, enhancing participants' research capabilities

## Outcomes

The students will

- Have a deeper understanding of bridging Biology and data: How Data and Computation are transforming Biotechnology Research.
- Gain knowledge in comprehending the role of Bioinformatics in drug discovery, forensics, crop enhancement, importance of programming skills in R, Python, Unix and Biostatistics for biological data analysis
- Inculcate aspiration towards a promising career in Bioinformatics & Biostatistics

## Pictures





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