



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

सत्यमेव जयते




DEPARTMENT OF BIOTECHNOLOGY

Report on National Seminar on Bridging the gap: Biotechnology Revolutionizing Medicine

Date: 25.01.2024

Time: 9:30 a.m. – 4:00 p.m.

Brochure:

<p>TO REGISTER</p> <p>CLICK HERE</p> <p>Kindly note there is no registration charges for the seminar</p> <p>FOR MORE DETAILS</p> <p>Contact Ms. T. Shouni Niveditha (HOD, Biotechnology) Email : biotech@sfc.ac.in</p>  	<p>Chief Patron Dr. Uma Joseph Principal</p> <p>Advisor Sr. Carmely Thaniath Correspondent</p> <p>Patrons Dr. Sr. Sujatha Yeruva Vice Principal, Administration</p> <p>Dr. Mallika Shetty Vice Principal, Academics</p> <p>Dr. M.Shailaja Raj Vice Principal (R&D)</p> <p>Convener Ms. T.Shouni Niveditha HOD, Dept. of Biotechnology</p> <p>Organizing Committee Dr. Deepa Switha Ms. Mini Fernandez Dr. A.S. Pooja Ms. Shruti Joshi</p>	<p>St. Francis College for Women Begumpet, Hyderabad-500016 (Autonomous & Affiliated to Osmania University)</p> <p>DBT STAR COLLEGE (Under the Strengthening Component)</p> <p>Department of Biotechnology Organizes a National Seminar on "BRIDGING THE GAP: BIOTECHNOLOGY REVOLUTIONIZING MEDICINE"</p> <p>25th January, 2024. from 9:30 am - 4:00 pm</p> 
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The Department of Biotechnology organized a national seminar titled 'Bridging the gap: Biotechnology Revolutionizing Medicine' under DBT STAR COLLEGE scheme (Strengthening Component) for the Biotechnology students of III-year A, C and F. Around 143 students and 2 faculty members from SFC and various other colleges in Hyderabad participated in the seminar.

Objectives:

To help students -

- Understand about the various applications of medical biotechnology
- To explore the areas of medical biotechnology and advancements like cancer research, genetic counselling and diabetes.



Outcomes

The students will encompass

- The Revolutions in Medical biotechnology like Cancer Research which includes tissue engineering, nanotechnology, machine learning and usage of technologies like genomics, transcriptomics and epigenomics
- The molecular tools used in Cancer Research and the different pathways that can cause colorectal cancer
- The potential clinical implications in diabetic patients and the specific pathways within growth hormone signaling cascade contributing to progression of kidney damage in diabetes
- The process of Genetic Counseling which is a method to understand and adapt to the medical, psychological and familial implications of genetic contributions to disease

Pictures





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Note : Captured by GPS Map Camera