



ST. FRANCIS COLLEGE FOR WOMEN, HYDERABAD

ACADEMIC YEAR 2024 - 2025

DEPARTMENT OF BIOCHEMISTRY

STUDENT EXCHANGE PROGRAM (Under Cluster College Activity)

Colleges in collaboration are St. Francis College for Women, Begumpet with R.B.V.R.R. Women's College (Autonomous) Narayanaguda, Hyderabad

Report :

Title : Workshop on Molecular Techniques for final year UG students of RBVRR college for Women, Narayanaguda, Hyderabad

Date: 16th July 2024

Time: 9:30AM- 4:00PM

No. of students: 30

The activity was conducted to provide enriching learning experience to the students and to foster a spirit of collaboration among the institutions.

Objective:

- To provide students with hands-on experience in essential molecular biology techniques, Agarose gel electrophoresis and DNA isolation from rice leaves.
- To enhance practical skills, deepen understanding of molecular techniques.

Training included:

- An introduction to the principles and applications of Agarose gel electrophoresis.
- A step-by-step demonstration of DNA isolation from rice leaves.
- Hands-on practice sessions for students to perform the techniques themselves.
- Discussions on troubleshooting and interpreting results.

Outcome:

- Gain in-depth knowledge on Molecular biology techniques
- Hands-on training on Agarose gel electrophoresis & isolation of DNA and visualization of the isolated DNA
- Students learned how to prepare agarose gels, load DNA samples and had hands-on experience in separating DNA fragments based on size, followed by running the gel electrophoresis and visualizing bands under UV light.
- Students also performed DNA extraction from rice plant leaves tissues, following a standard protocol involving cell lysis, purification, and precipitation and they have



St. Francis

College for Women

Begumpet, Hyderabad-500016

(Autonomous & Affiliated to Osmania University)

NAAC Re-accredited with 'A' Grade 4th Cycle



सत्यमेव जयते

जैवप्रौद्योगिकी विभाग

DEPARTMENT OF

BIOTECHNOLOGY

successfully isolated high-quality DNA, which they quantified and assessed for purity. The event was highly successful in achieving its objectives, providing valuable educational experiences and fostering a spirit of collaboration and inquiry among the participants.

LIST OF STUDENTS

S.NO	HALL TICKET NO.	NAME OF THE STUDENTS	CLASS
1.	117222202001	G. NISHITHA	BSc- MZC III Yr.
2.	117222202002	P. THANVI	BSc- MZC III Yr.
3.	117222202003	SAI PRAVALLIKA	BSc- MZC III Yr.
4.	117222202005	B. ANUSHA	BSc- MZC III Yr.
5.	117222202010	S. ROSHINI REDDY	BSc- MZC III Yr.
6.	117222202012	K. SWOMYA	BSc- MZC III Yr.
7.	117222202014	PAAVANI	BSc- MZC III Yr.
8.	117222202026	P. YASHASWI	BSc- MZC III Yr.
9.	117222202019	B. SRAVANTHI	BSc- MZC III Yr.
10.	117222202023	ABEDA BEGUM	BSc- MZC III Yr.
11.	117222202024	K. PRAVALLIKA	BSc- MZC III Yr.
12.	117222202027	KEERTHI REDDY	BSc- MZC III Yr.
13.	117222202028	J. APARNA	BSc- MZC III Yr.
14.	117222202029	Y. RENUKA	BSc- MZC III Yr.
15.	117222202025	N. AISHWARYA	BSc- MZC III Yr.
16.	117222209031	AAMNA	BSc-MBtC III Yr.
17.	117222209003	PRATHIBHA SPOORTI	BSc-MBtC III Yr.
18.	117222209004	SPANDITHA REDDY	BSc-MBtC III Yr.
19.	117222209005	D. PRAVALLIKA	BSc-MBtC III Yr.
20.	117222209021	SAKSHI THAKUR	BSc-MBtC III Yr.
21.	117222209008	M. MANASVI	BSc-MBtC III Yr.
22.	117222209026	K. HANSIKA REDDY	BSc-MBtC III Yr.
23.	117222209002	DIVYA SREE A	BSc-MBtC III Yr.
24.	117222209029	SMITHI YADAV	BSc-MBtC III Yr.
25.	117222209015	JOSHNA B	BSc-MBtC III Yr.
26.	117222209006	DEBORA MELVINA	BSc-MBtC III Yr.
27.	117222209039	R. AKSHITA REDDY	BSc-MBtC III Yr.
28.	117222209040	T. SAI SREE	BSc-MBtC III Yr.
29.	117222209011	P. PRANITHA	BSc-MBtC III Yr.
30.	117222209047	G. PALLAVI	BSc-MBtC III Yr.
31.	117222209051	CH. DIVYA KUMARI	BSc-MBtC III Yr.



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


Participation Certificates Link:

https://drive.google.com/file/d/1Ts8P7qd9qIhBA5NsD9T2P3KqFtaTBxxu/view?usp=drive_link


Pictures:



St. Francis
College for Women
Begumpet, Hyderabad-500016
(Autonomous & Affiliated to Osmania University)



जैवप्रौद्योगिकी विभाग
DEPARTMENT OF
BIOTECHNOLOGY




**SUSTAINABLE
DEVELOPMENT
GOALS**
SFC supports SDG

Department of Biochemistry

Organizes

STUDENT EXCHANGE PROGRAM
(Under Cluster College Activity)


Resource Person



Mrs. Malathi Varma
Head, Department of Biochemistry
St. Francis College for women.

Workshop on
Molecular Techniques
Date : July 16th, 2024
St. Francis College for women, Begumpet

Resource Person



Dr. Pradyutha
Head, Department of Microbiology & MLT,
RBVRR College for women.

Haematology & Blood Banking
Date : June 28th, 2024
RBVRR College for women, Narayanguda



St. Francis
College for Women
Begumpet, Hyderabad-500016
(Autonomous & Affiliated to Osmania University)
NAAC Re-accredited with 'A' Grade 4th Cycle



सत्यमेव जयते

जैवप्रौद्योगिकी विभाग
DEPARTMENT OF
BIOTECHNOLOGY

