



# 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**

## ST. FRANCIS COLLEGE FOR WOMEN, HYDERABAD

ACADEMIC YEAR 2023 - 2024

### DEPARTMENT OF ZOOLOGY

**Report on Training Programme:** One Day Hands on Training for School teachers in Biology Experiments

**Date:** December 14, 2023

**Time:** 9.00 am - 4.00pm

#### Brochure:

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

**DBT STAR COLLEGE**  
(Under the Strengthening component)

**ONE DAY HANDS ON TRAINING FOR SCHOOL  
TEACHERS IN BIOLOGY EXPERIMENTS**

**December 14<sup>th</sup>, 2023**

**ORGANIZED BY**  
**DEPARTMENT OF ZOOLOGY**

**Time : 9.00 am - 4.00pm**

**EXPERIMENTS COVERED:**

- Study of Taxis behavior in animals using Earthworms.
- Estimation of consumption of Dissolved Oxygen using Crabs.
- Estimation of water salinity.
- Preparation of Vermicompost.
- Preparation of Organic liquid compost.
- Identification of Blood groups
- Estimation of Haemoglobin.
- Test for color blindness.
- Identification of Carbohydrates, Proteins and Lipids in food resources.
- Dissection and display of mouthparts of Cockroach.

**OBJECTIVE:**

The workshop aims at giving hands-on training to comprehend, to examine, demonstrate and to analyze the basic biological experiments to the teachers, who can inculcate scientific temperament in young minds aspiring in the field of biological sciences.

**LEARNING OUTCOME:**

The teachers will be able to conduct biological experiments which can impart scientific aptitude amongst students at High School Education.

**Registration:** [Click here to Register](#)  
Limited to 20 N only

Reach us at:  
Email: [zoology@sfc.ac.in](mailto:zoology@sfc.ac.in)

**Organizing Team :**  
Dr. Jyothi Rani, HoD - 9866519424  
Dr. Vidya Jayaram, Senior Faculty - 9985395889  
Ms. S.Sravanti- 7799238049  
Ms. X.Sheila Merlin- 9989288921

**Note:**  
No Registration fee.  
Lunch and Resource material will be provided.

The Department of Zoology organized a One Day Training Programme under DBT STAR COLLEGE (Strengthening Component) for School teachers in Biology Experiments. Around 15 faculty members participated. The resource persons for the event were

1. Dr. Jyothi Rani Head, Department of Zoology, St Francis College for Women
2. Dr. Vidya Jayaram Faculty Member, Department of Zoology, St Francis College for Women

3. Ms. S. Sravanthi Faculty Member, Department of Zoology, St Francis College for Women
4. Ms. X. Sheila Merlin Faculty Member, Department of Zoology, St Francis College for Women

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### **Pictures**





