



Women's  
Christian  
College

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# **ACADEMIC ACTIVITIES 2019 - 2020**

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**PG & RESEARCH DEPARTMENT OF BIOTECHNOLOGY**



## POSTER COMPETITION 2019-2020

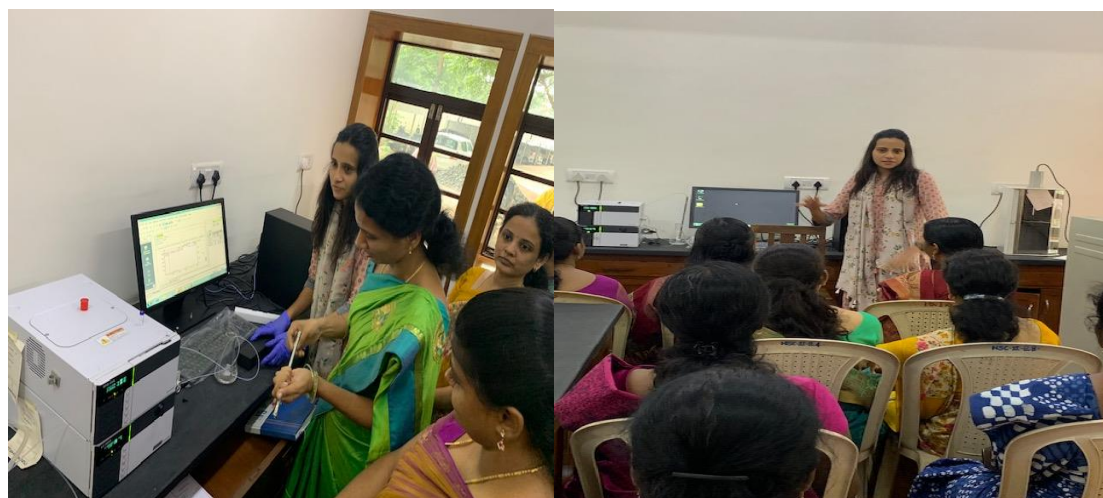
A poster competition on 'Environment' was organized by the PG and Research Department of Biotechnology on September 27, 2019 in the RMS block ground floor between 10 a.m. and 3 p.m. The students of II M.Sc. Biotechnology exhibited various posters and models on current environmental issues and highlighted the applications of recent biotechnological approaches to remediate pollution. The students from both the UG and PG departments of WCC visited the exhibition. **Dr. Sherrie David** from Plant Biology and Plant Biotechnology was invited as a judge for the exhibition. Ms. Sheryl and Ms. Sylvia won the 1<sup>st</sup> and 2<sup>nd</sup> prizes for their posters. The exhibition put forth by the students created awareness among the student community about various environmental issues around the globe.



## REPORT OF HPLC WORKSHOP

A hands-on workshop (HPLC) was organized by the PG and Research Department of Biotechnology on November 19, 2019 (Tuesday) at the Central Instrumentation Lab, Women's Christian College, Chennai, collaborating with SPINCO BIOTECH PVT. LTD. Chennai. A total of 50 participants, both faculty and research scholars from various departments, attended the workshop. Dr. Devasena, an application scientist from Spinco

Biotech, elaborately explained the concepts and basis behind HPLC. Hands-on training, starting with sample preparation, moderating the equipment, handling errors, etc., was given to the participants.



### **REPORT ON INDUSTRIAL VIST TO EPPENDROF ON 21.1.2019**

On September 21, 2019, 23 students and two staff members attended an industrial visit to Eppendroff. They learned about various techniques like PCR, liquid handling, centrifuges, CO2 incubators, and micromanipulators. A PowerPoint presentation on advanced lab technology was given, providing insight into current technologies yet to be explored at an industrial level. The visit benefited students by showcasing industrial setups and good laboratory practices.



## **A REPORT ON INDUSTRIAL VISIT TO VIZHAG**

The main aim of an industrial visit is to give students exposure to and awareness of practical working environments and industrial practices. This is a very good opportunity provided to the students to understand the working methods and employment practices.

An industrial visit to VASUDHA PHARMA CHEM LIMITED, VISHAKHAPATNAM, was scheduled on March 11, 2020.

- Background of the company: Vasudha Pharmachem Limited was incorporated in 1994 as a public limited company. It is involved in the manufacturing of active pharmaceutical ingredients (APIs) and drug intermediates for both domestic and international markets. There are a total of five manufacturing facilities that are set up across Telangana State and Andhra Pradesh. Some of their products include:
- Piperidone and piperidine derivatives

- Cinnarizine (anti-histamine)
- Donepezil HCL (Alzheimer)
- Telmisartan (Anti-hypertensive)
- Itraconazole (Anti-fungal)

The biotechnology department of our college planned this industrial visit tour with a group of 46 postgraduate, M.Phil., and Ph.D. students. The group was led by our head of the biotechnology department, Dr. Priya Iyer.

We reached Vishakhapatnam from Chennai by train and then traveled one hour by bus to reach Vasudha Pharma, which is located in the Parawada suburb of Vishakhapatnam. The students were divided into groups and guided to visit the three sectors of the company:

- Raw material storage
- Production
- Quality control

