



Women's  
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College

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# **ACADEMIC ACTIVITIES 2019 - 2020**

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**PG & RESEARCH DEPARTMENT OF BIOTECHNOLOGY**



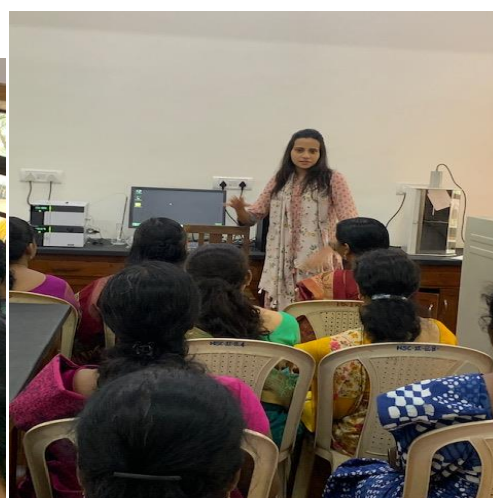
## POSTER COMPETITION 2019-2020

Poster competition on 'Environment' was organized by PG & Research Department of Biotechnology on 27.9.2019 in the RMS block ground floor between 10am to 3 pm. 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 the pollutions. The students from both UG and PG departments of WCC visited the exhibition. **Dr. Sherrie David** from Plant Biology & Plant Biotechnology was invited as a judge for the exhibition. Ms. Sheryl & Ms.Sylvia won the 1<sup>st</sup> & 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

Hands on workshop – HPLC was organized by PG & Research department of Biotechnology on 19.11.2019 (Tuesday) at Central instrumentation lab, Women's Christian College, Chennai collaborating with SPINCO BIOTECH PVT.Ltd, Chennai. A total number of 50 participants both Faculty and Research scholar from various department attended the workshop. Dr.Devasena , Application scientist from Spinco Biotech , elaborately explained the concepts and basis behind HPLC . Hands on training starting from sample preparation, moderating the equipment, handling errors etc., were practically taught to the participants.



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

The industrial visit to Eppendorf was scheduled on 21.1.2019, a total of 23 students accompanied by 2 staff members attended the visit. The students were briefed on the principles and working of various techniques such as PCR , Liquid handling, Centrifuges , CO<sub>2</sub> incubators and micromanipulators. A PowerPoint presentation on advanced future labs technology was explained to give the students the idea of sophisticated upcoming technologies that are currently used and yet to be explored at an industrial level . The students were benefited by the visit which helped them to have an idea about the industrial set up and the Good Laboratory practices followed in industries.



## A REPORT ON INDUSTRIAL VISIT TO VIZHAG

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

An industrial visit was organized to **VASUDHA PHARMA CHEM LIMITED, VISHAKHAPATNAM.**

**Date of the visit:** 11<sup>th</sup> March 2020

**Background of the company:** Vasudha Pharma Chem limited was incorporated in the year 1994 as a public limited company. It is involved in the manufacturing of Active pharmaceutical ingredients (APIs), drug intermediates for both domestic and international markets. There are a total of five manufacturing facilities that is 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 consisting of post graduate, M.Phil and Ph.D students. The group was lead by our **Head of the biotechnology department, Dr.Priya Iyer.**

We reached Vishakhapatnam from Chennai by train and then travelled one hour by bus to reach Vasudha Pharma that 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

