



# Little Flower Degree College

(Affiliated to Osmania University)

Uppal, Hyderabad

Managed by Brothers of St. Gabriel Educational Society

**LEAD TO ILLUMINATE**



**CHEMISTRY**

**2022-23**



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## DEPARTMENT OF LIFESCIENCE

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### One Day National Seminar on "Ascent of Microbiome Research for Nutrition and Health" Report

**Event Name: One Day National Seminar on "Ascent of Microbiome Research for Nutrition and Health"**

**Date: 27/06/ 2022**

**Time: 09:00 am to 04:00 pm**

**Venue: Auditorium, PGRRCDE, Osmania University, Hyderabad**

**No. of participants:01**

On the Occasion of World Microbiome Day June 27th, 2022, the Department of Microbiology, Osmania University, Hyderabad organised a Day National Seminar on "Ascent of Microbiome Research for Nutrition and Health" and the venue is Auditorium, PGRRCDE, Osmania University, Hyderabad. **Ms. Rama Devi**, Assistant Prof, Faculty of Chemistry participated and presented a video presentation on the topic of Microbiome – Fermented Food.



**Department of Lifesciences group photo at seminar**





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## “World Ozone Day” Report

**Event name: “World Ozone Day”**

**Date: 16/09/2022**

**Venue: P-23 CHEMISTRY LECTURE HALL**

**No. of participants: -All years of BSc chemistry students.**

The faculty of chemistry organised a drawing competition on the occasion of “World Ozone Day” to II and III years of BTMIC, BZC and MPC. The competition was conducted on 16<sup>th</sup> September 2022. The theme of the competition was 'Global cooperation for protecting life on Earth'. The competition is to bring awareness on how to protect the ozone layer and environment for survival of life on Earth. Students participated actively in bringing up their creative skills in drawing. Overall, it was a great success.



Students busy in their drawing



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## INTERNSHIP REPORT

**Event: INTERNSHIP**

**Duration: 05/09/2022 to 09/03/2023**

**Venue: Synocule lab, Nacharam, Hyderabad**

**No. of students attended: 08**

Faculty of chemistry, Little Flower Degree college, Uppal, Hyderabad, organised INTERNSHIP to final year students of BTMIC & BZC. to "synocule lab" An internship gives a student the opportunity for career exploration and development, and to learn new skills. It offers the students the opportunity to bring new ideas and energy into the workplace, develop talent and potentially build a pipeline for future full-time employees. The intent of the internship course is to enable Chemistry students to obtain industrial experience in using chemical techniques, procedures and equipment while solving real problems. During this time, they worked in the local synocule laboratory. During the internship, they got the opportunity to participate in various research activities such as synthesis, purification, characterization, and analysis of new chemical compounds. They are also involved in experimental design, data analysis, and interpretation of results. As a part of their internship, they successfully synthesised two compounds, namely 3,6 DCP and 2,6 bis(chloromethyl)pyridine.



Participants at their workplace.



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## STUDENT EXCHANGE PROGRAM REPORT

**Event: Student exchange program**

**Date: 14/11/2022 to 18 /11/ 2022**

**Venue: ST. ANN'S DEGREE COLLEGE FOR WOMEN, MEHDIPATNAM**

**No of participants:13**

Faculty of chemistry, Little Flower Degree College, Uppal in collaboration with St. Ann's Degree College, Mehdipatnam conducted a five-day student exchange program on the topic: recent trends in chemistry and green chemistry at St. Ann's degree college for women from 14<sup>th</sup>- 18<sup>th</sup> November, 2022.

**St. Ann's College for Women (Autonomous)** & **Little Flower Degree College**  
Affiliated To Osmania University, Accredited 'A+' Grade by NAAC (3rd Cycle)  
CPE by UGC, ISO Certified ISO 9001:2015 & ISO 14001:2015  
Mehdipatnam, Hyderabad, Telangana.

**Department of Chemistry**  
Jointly Organizes

**Five- Day Student Exchange Program**  
From 14<sup>th</sup> to 18<sup>th</sup> November 2022

14/ 11- Nobel Prize 2022  
15/ 11- Chemistry of mmm.. & ymm ..  
16/ 11- Recent Trends in Development of Chemistry  
17/ 11- Green Chemistry - Sustainable Development

18/ 11 Title: Chemistry- Resolving Mystery  
**Guest Speaker**  
**Dr. T. Sowmya**  
M.Sc. PhD  
Assistant Professor, Osmania University

Venue- A.V. Room

Flyer of Student Exchange Program



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Our students with St. Ann's faculty





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## INTRA COLLEGE COMPETITION “CHEM-O-WHISPER” REPORT

**Event name:** Intra college competition “CHEM-O-WHISPER”

**Date:** 04 /11/2022

**Venue:** P-23, chemistry lecture hall

**No of participants:** 56

On 4<sup>th</sup> of November, the Faculty of chemistry conducted an intra collegiate competition on Chem-O-Whisper in which students in a team of two were asked to play, one member of the team will be given headphones with high volume and other members should be given a list of names of chemistry molecules and named reactions to enact. It was memory Play which encourages imagination and creativity. It also Enhances non-verbal communication skills. Overall, it was a successful event.



Students tested their non-verbal communication skills at chem-o-whisper.



Students busy preparing the names of the molecules to be enacted





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## CERTIFICATE COURSE REPORT

**Event name: certificate course**

**Date: 24/02/2023 to 28 /02/2023**

**Venue: P-23 chemistry lecture hall**

**No. of participants:46**

The faculty of chemistry conducted a certificate course for first years of all groups of life science students on the topic ‘‘Chromatography and basic Techniques in molecular biology’’. in collaboration with 'Make Intern E-Cell (IIT Kharagpur)'. The program was conducted from 24<sup>th</sup> to 28th FEBRUARY 2023. Dr. AKASH was the Resource person of the programme. Mrs. M. Rama devi coordinated the entire programme.



Mrs. Ramadevi introducing the contents of the certificate course programme.



Selected students to IIT-Kharagpur along with vice-principal ma'am, Resource persons and co-ordinators of the programme.



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## OSMANIA UNIVERSITY OPEN DAY REPORT

**Event Name: Osmania University open day report**

**Date: 24/04/ 2023**

**venue: Department of chemistry, Osmania university**

**No. of participants: 30**

Faculty of Chemistry, LFDC attended an Open Day in the Department of Chemistry, Osmania University on April 24, 2023. The event offered insights into academic programs, research projects, and facilities. Attendees interacted with faculty, explored ongoing research, and learned about recent advancements in chemistry. The Open Day aimed to foster community engagement, knowledge sharing, and collaboration opportunities for prospective students, researchers, and industry partners. Overall, it was a successful initiative in promoting chemistry at Osmania University.



Students at UV spectroscopy



Students at PH metre



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## ATTENDED A SHORT-TERM TRAINING PROGRAM (STTP) REPORT

**Event Name:** Recent developments in medicinal chemistry and material Science.

**Venue:** on-line.

**Date:** 24 -28/04/ 2023

**No. of Participants:**01

The Department of Humanities & Sciences at Vardhaman College of Engineering, Hyderabad, hosted an online STTP from April 24 - 28, 2023. This event aims to facilitate interaction with scientific communities and explore various aspects of materials and medicinal chemistry research through invited lectures. Researchers from diverse backgrounds gained insights into characterization methods and their applications, fostering the development of cutting-edge applications in chemical and material research. The program focused on building fundamental concepts and discussing research directions. Key objectives include transferring advanced knowledge, enhancing research proficiency, and fostering exchange of innovative ideas among faculty, research scholars, and industry delegates.





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## FACULTY EXCHANGE PROGRAMME REPORT

**Event name:** Faculty exchange programme

**Date :** 28 & 29/04/2023

**Venue:** chemistry lecture hall, P23

**No. participants:** students of LFDC & CARMEL COLLEGE.

Faculty of Chemistry, Little Flower Degree college, Uppal in collaboration with Carmel college (AUTONOMOUS) Mala, Kerala. conducted a two-day Faculty exchange program on the topic: 'Medicinal Chemistry. from 28<sup>th</sup>- 29<sup>th</sup> April, 2023. It is an online programme. This program facilitated the exchange of knowledge, research, and best practices in medicinal chemistry.

Sandeepthi btmic-2 introducing the speaker	Session at progress