



# Little Flower Degree College

(Affiliated to Osmania University)

Uppal, Hyderabad

Managed by Brothers of St. Gabriel Educational Society

**LEAD TO ILLUMINATE**



# CHEMISTRY

## 2023-24



# Little Flower Degree College

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## DEPARTMENT OF LIFESCIENCE

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## FIELD TRIP TO CDFD REPORT

**Event name: Field trip to CDFD**

**Date :7 /08/2023**

**Venue: CDFD (Centre for DNA Fingerprinting and Diagnostics), Uppal**

**No. of Participants:81**

The Faculty of Chemistry, Department of Lifesciences organised a field trip to CDFD, Nagole, for all students of BSc Life Sciences on 7 August, 2023, in order to enlighten students on a cardinal topic called DNA fingerprinting. Dr. Varsha (a forensic scientist and resource person) presented a vivid explanation on the topic by citing various live cases that have been solved by CDFD since their establishment. The examples included many issues related to paternal cases of finding a lost child and many criminal cases where the court has given its verdict based on the unequivocal proof given by the experts on CDFD staff. The students by attending this field trip enriched their knowledge related to DNA.



DR. Varsha, who has sparkled students with knowledge



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The experts of CDFD explain the detailed processes to the young aspirants





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## ONE WEEK NUTRITION MONTH CELEBRATION REPORT

**Event name: ONE WEEK NUTRITION MONTH CELEBRATION**

**Date: 22-29/09/2023**

**Venue: P23, chemistry lecture hall**

**No. of participants: BSc, chemistry students**

The Faculty of Chemistry, Department of Lifesciences organised various competitions for a week as a part of the "Nutrition Month Celebration." The programmes were conducted for the students of LIFE SCIENCES in P23, chemistry lecture hall, from 22 to 29 September, 2023. The theme of Nutrition Month 2023 is "Healthy Diet Going Affordable for All." This theme was chosen to highlight the importance of ensuring that everyone has access to nutritious food, regardless of their income level. On the first day, an E-POSTER presentation was conducted on "Diseases caused by poor eating habits". On the second day, a group discussion on homemade food was held. On the third day, there was the nutrition quiz. On the fourth day, the food expo day, students brought traditional foods of high nutritional value. The fifth day was a video presentation on "Healthy Diet Going Affordable for all" On the sixth day, a guest lecture was organised. Mrs. Jharna Puppala, Assistant Professor from NIN-ICMR, Hyderabad, was the resource person. She spoke about "nutrition for a healthy life." She interacted with students and answered their questions. The students enthusiastically participated in the competitions.





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Competitions for participating in video presentation

BTMIC -3, SANDEEPTHI PREDENTIN HER VIDEO



Students are actively participating in group discussion.

Student of 2nd BTMIC presenting his E-poster.



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Judgement time for food expo



Student receiving certificate from guest speaker  
Dr. Jharna Puppala



Guest speaker Dr. Jharna Puppala from NIN-ICMR, delivering the lecture on nutrition for healthy life.





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## Attended Two-day National conference on emerging trends in Chemical synthesis Report





**Event name:** National conference on emerging trends in chemical synthesis.

**Date:** 6 to 7/10/ 2023

**Venue:** Chaitanya (Deemed to be university), Hyderabad.

**No. of participants:** 01

On October 6 and 7, 2023, MS. Rama, Faculty of Chemistry, Department of Lifesciences attended a National Conference on Emerging Trends in Chemical Synthesis, which was arranged by Chaitanya (deemed to be university). The primary topic of discussion at this conference was the state of research on medicinal substances that are synthetic or semi synthetic and how process chemistry affects human economics and health. There was a keynote address, four lead speeches, two oral sessions, and a poster display during the course of these two days. Every session was really interactive and educational. Everyone took an active part in every session and got their questions and doubts answered. In oral sessions, almost forty researchers presented their findings. The other participants and experts questioned these researchers. Experts also offered a variety of recommendations for improving performance.

<h3>About the University</h3> <p>Chaitanya (Deemed to be University), Hanamakonda, Telangana State (earlier it was known as Chaitanya Group of Colleges) sponsored by Viswa Bharati Educational Society was established in 1991 and is located in the heart of tri-cities Kazipet, Hanamakonda and Warangal. The University has been marching ahead with the sole objective of maintaining high academic standards by providing quality education.</p> <p>The College has been accredited by NAAC with highest Grade 'A' for three cycles, and the UGC and Kakatiya University autonomous status for three cycles consequently and conferred "College with Potential for Excellence (CPE)" and "Star College Status" to seven departments. Institution was identified by AICTE for the Best Practices, JKC Award and Microsoft Awards were awarded for its outstanding performance for delivering professional education in this region. The University offers various professional and non-professional courses at UG, PG and Doctoral levels. It also offers Academic Interface Programs with TCS and IBM certificate courses. Now the Campus is shifted to the vicinity of Hyderabad.</p> 	<h3>About Department</h3> <p>The Department of Chemistry at UG level was started during 1991-92, M.Sc. level in 2003-04 and it was recognized as a Research Centre in 2010. The Department is well-equipped and well-furnished with spacious laboratories and adequate research facilities which assist the students and research scholars to carry out the work in various areas of Chemistry such as organic and organo metallic synthesis, catalysis, medicinal chemistry and nanochemistry, etc. The faculty encourages and motivates the students and research scholars to put in their greatest efforts in their fields and guides them in all other academic activities like seminars, projects and workshops. Currently, 92 research scholars are working for their PhD program in the Department of Chemistry under the guidance of twelve recognized supervisors. Integrated students undertake projects in national level research laboratories. Our alumni are well settled in India and abroad.</p> <h3>Theme of the Seminar</h3> <p>Our future is based on the results of chemical science research, which plays a key role in the development of economic growth and the quality of our lives. Chemical science helps us to provide solutions to our society's primary concerns, such as establishing and securing energy and food sources, enhancing and maintaining accessible health, and making various pharmaceuticals, materials and other important tiny molecules.</p> <p>Hence, this Conference covers a broad range of research advances in chemical syntheses which include increasing the desire to target improvements in the quality of life of humankind, new materials and product specificity. The Conference also covers the award-winning contributions of emerging areas in organic chemistry, asymmetric and organo catalytic in chemical syntheses.</p> <p>Discovery and development of new natural or synthetic organic compounds of biomedical utility is a critical component of medicinal chemical research. Organic synthesis occupies a central role in any pharmaceutical development endeavor. Hence, this Conference focus on current developments in the synthetic or semisynthetic pharmaceutical compounds, leading to the role of process chemistry in the human's economy and healthy life.</p> <p>This Conference covers the role of Intellectual properties in Chemical Science research filed.</p>	<div><b>CHAITANYA</b> (Deemed to be University)</div> <p>Declared u/s. 3 of UGC Act, 1956 by MHRD, Govt. of India 6-100'S, Huseershegar Village, Mahabub Nandla, Rang Reddy District, Hyderabad</p> <h3>Two day National Conference on "EMERGING TRENDS IN CHEMICAL SYNTHESIS"</h3> <p>on 06 &amp; 07 October, 2023</p>  <p>Organised by Department of Chemistry Chaitanya (Deemed to be University)</p>
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## CALL FOR ABSTRACTS

- Contributing research work in the form of abstracts and posters are invited in this seminar.
- Researches can send their abstracts to the email: [etcs2023@chaitanya.edu.in](mailto:etcs2023@chaitanya.edu.in)
- The abstract should be in MS-word format with Times New Roman and 12 font size and The main headings should be in 14 font size and bold.
- The posters should be in MS-PPT with at least 50 centimeters in length and breadth.
- Last date for abstracts submission: 31-09-2023.

## Registrations

Registration should be done through google forms

## Fees

Students – Rs. 300  
Research scholars – Rs. 500  
Faculty /Industry participant – Rs. 700  
Payment can be made through GPay / PhonePe (7396264954)



Scan the above code for Registration & Payment

- In case of online registrations, share your fee details along with abstracts to email: [etcs2023@chaitanya.edu.in](mailto:etcs2023@chaitanya.edu.in)

## Contact details

Prof. B. Srinivas

Mobile : +91 7396264954

email : [etcs2023@chaitanya.edu.in](mailto:etcs2023@chaitanya.edu.in)

Location : Chaitanya (Deemed to be University),  
6-100/5, Himayathnagar Village, Moinabad Mandal, Rangareddy District, Hyderabad

For Seminar updates follow us on @cdu\_official



## Chief Patron

Dr. Ch. V. Purushotham Reddy  
Founder & Chancellor,  
Chaitanya (Deemed to be University)

## Patron

Mr. E. Vikram Reddy  
Vice President, Viswa Bharati Education Society  
Dr. Ch. Sathvika Reddy  
Chief Administrative officer

## Co-Patrons

Prof. G. Damodar  
Vice-Chancellor  
Prof. M. Ravinder  
Registrar

## Covener

Prof. S. Kavitha  
Dean, Administration

## Organizing Secretary

Prof. B. Srinivas  
Head, Department of Chemistry

## Organizing Committee

Prof. E. Jagadeesh Kumar  
Prof. T. Narasimha Swamy  
Prof. S. Narsimha  
Prof. N. Sateesh Kumar  
Prof. J. Kumara Swamy  
L.t Dr. P. Kavitha  
Dr. V. Amarnath  
Dr. B. Satheesh  
Dr. J. Bhaskar  
Mr. S. Srinivas  
Mrs. P. Kavitha  
Mr. G. Madan Kumar  
Mrs. G. Kalpana

## University Details

Contact: +91 8367764444

website : [www.chaitanya.edu.in](http://www.chaitanya.edu.in)

email: [chaitanya@cdu.ac.in](mailto:chaitanya@cdu.ac.in)

## KEYNOTE ADDRESS



Prof. D. B. Rama Chary  
School of Chemistry  
University of Hyderabad  
Hyderabad, India

## INVITED TALK



Dr. Ravindar Kontham  
Division of Organic Chemistry  
CSIR - National Chemical Laboratory  
Pune, India.



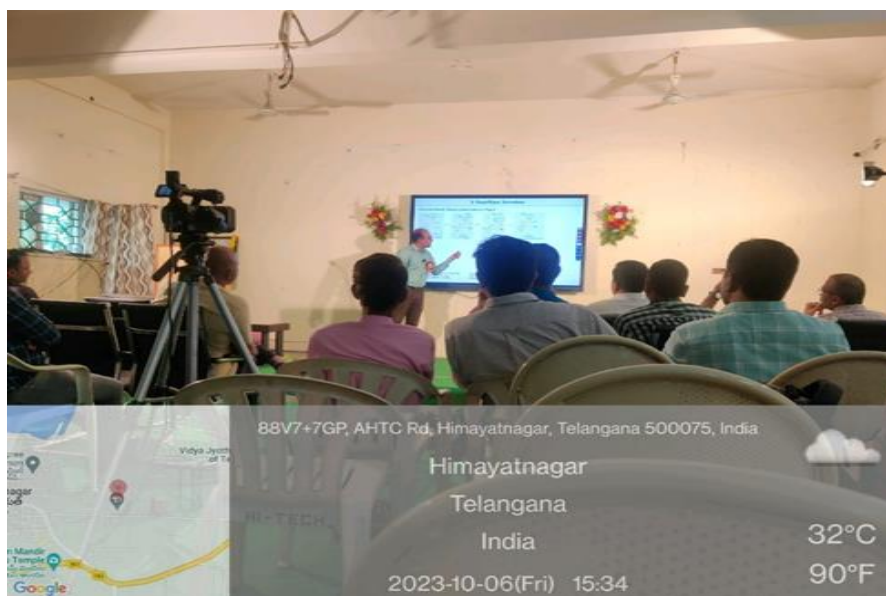
Dr. Maddi Sridhar Reddy  
Principal Scientist  
CSIR - IICT  
Hyderabad, India.



Dr. Nagendra Babu Bathini  
Principal Scientist  
CSIR - IICT  
Hyderabad, India.



Dr. T. Pavan Kumar  
Senior Scientist  
CSIT - Institute of Minerals and  
Materials Technology  
CSIR, DSIR  
Bhubaneswar, Odisha, India



Professor explaining about his research findings at the conference.



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MS. Rama, Head, faculty of Chemistry at the National Conference organised by Chaitanya  
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## INTRA COLLEGE COMPETITIONS REPORT

**Event name: INTRA COLLEGE COMPETITIONS**

**Date: 9/10/2023**

**Venue: P-23**

**No. of participants:48**

Faculty of Chemistry, Department of life sciences has organised intra college competition, chem-quiz on 9-10-2023, which helped the students to improve their knowledge in chemistry.48 students from various groups have registered and participated, there were 4 rounds first 3 were elimination rounds and last round is the final round. Students participated enthusiastically and showcased their knowledge by answering the questions in a quick time.

Adithya Ram (BTMIC-3), LOKESHWAR(BTMIC-1) RUDRA RAI(MZC-1) WON THE 1 ST PLACE AND SREEKAR(BZC-3), Ajay Bhushan (BA-PSYCHOLOGY-2) SOWMIYA NIVASINI MZC-1\_ WON THE 2 ND PLACE.



Student organisers giving the instructions to the students for quiz





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Participants of chem quiz attentive in observing the displayed pictures on the screen to answer



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### 'WORLD SCIENCE DAY '- ONLINE QUIZ REPORT

**Event name: "WORLD SCIENCE DAY "- ONLINE QUIZ**

**Date: 10 /11/2023**

**Venue: online, google form**

**No. of participants:31**

On the occasion of world science Day i.e. 10.11.2023, Faculty of Chemistry, Department of Lifesciences organised an online quiz competition. The theme of the world science day for peace and development was "BUILDING TRUST IN SCIENCE". World Science Day for Peace and Development aims to inform citizens regarding scientific achievements by getting science closer to society. Furthermore, it highlights the importance of scientists in increasing one's understanding of the amazing and special planet and making one's communities more sustainable. Positive feedback was provided by the registered and participants from various groups.





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## LITTLE FLOWER DEGREE & PG COLLEGE

Uppal, Hyderabad-500039, Telangana

“WORLD SCIENCE DAY”

### CERTIFICATE

*of Participation*

*This certificate is certify that*

---

*has participated in the online quiz competition  
organized by Department of Chemistry on occasion of "WORLD SCIENCE DAY"  
on 10th November 2023 at Little Flower Degree & PG College, Uppal*

**HOD  
DEPT. OF CHEMISTRY**



**PRINCIPAL**





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## UGC-MALAVIYA MISSION TEACHER TRAINING CENTER

**NEP-Orientation and Sensitization programme report.**

**EVENT NAME: UGC-NEP-Orientation and Sensitization programme.**

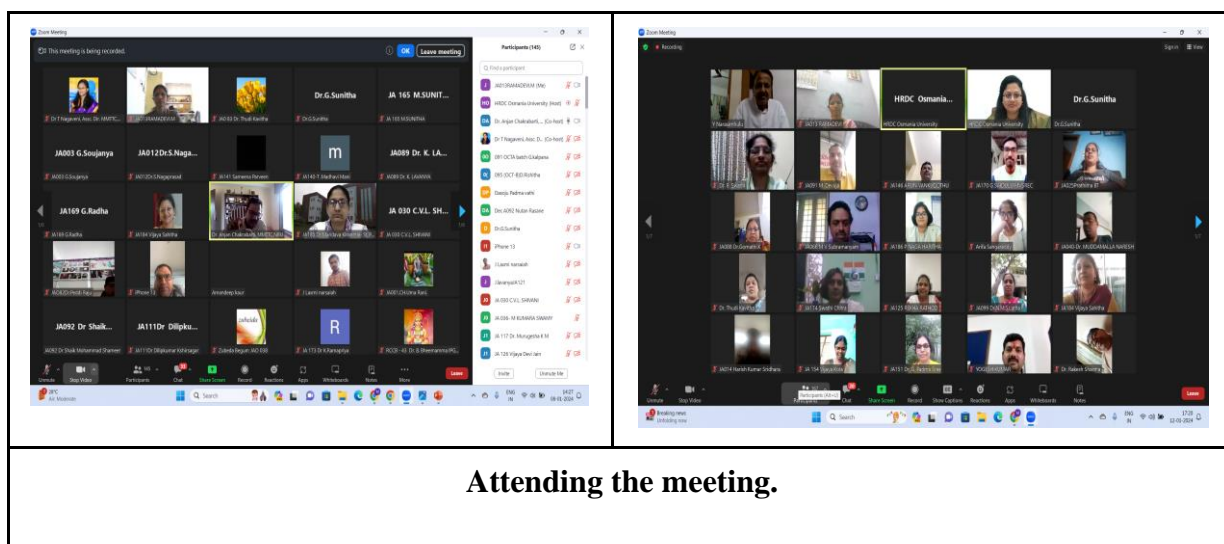
**Date: 04<sup>th</sup> to 12<sup>th</sup> January, 2024**

**Time: 2:00pm-3:30pm & 3:40pm to 5:10pm**

**Venue: Online**

**No of participants:01**

Osmania University, Hyderabad has organised an online NEP orientation programme for the faculty. Ms M. Ramadevi Chemistry Faculty, LFDC has attended this program from 4th January 2024 to 12th January 2024 for 10 days with a duration of 3 hours every day from 2 PM to 5 PM. The program was to throw light on the topics like student diversity and inclusive education, Academic leadership governance and management, practical skills for use of ICT in teaching and research, skill development, research development, Indian knowledge System, holistic and multidisciplinary education, higher education and society.



Attending the meeting.



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## FIELD TRIP TO IICT REPORT

**Event name: Field trip to IICT**

**Date: 22/02/2024**

**Venue: IICT, Habsiguda.**

**NO OF PARTICIPANTS:60**

The Faculty of Chemistry, Department of Lifesciences organised a trip to IICT-Tarnaka Hyderabad on 22nd February 2024 for Final year students of BtMiC, BZC & MPC and first year students of BtMiC & MZC. IICT is a constituent laboratory of Council of Scientific and Industrial Research (CSIR). With its expertise in chemistry and chemical technology, it provides solutions to challenges faced by industries and government departments through basic and applied researches. It was hosted by Sri N. Ramesh. A total of 60 students along with two faculty were taken for a complete tour of the institute. The students had an opportunity to look at the museum, followed by the NMR Mass and Synthetic organic lab. Students could interact with scientists and various research scholars. They were extremely motivated and felt proud of the work done by our eminent scientists.



GROUP PHOTO OF STUDENTS AT IICT



STUDENTS AT NMR SPECTROSCOPY