

MARIS STELLA COLLEGE (AUTONOMOUS)

Department of Chemistry

2018-2019

1. Organized a guest lecture on “**Career Guidance in Polymer Science**” on 30.08.2018 in the Auditorium for the students of III B.Sc and II B.Sc chemistry combination groups.

No. Of students participated is 220.

Resource persons:

Mr. V.Kiran Kumar
Director & Head Quality manager
CIPET, Vijayawada.



Career guidance by Mr.V.Kiran Kumar

Outcomes of the programme:

- It was an interactive and informative session.
- Mr V.Kiran Kumar and Mr Anjaneya Sharma have given the inputs about different courses in plastics technology, relevance of the courses with the growing needs of the society, their employability opportunities, Course offering institutions, different CIPET centres, mode of admissions etc.

2. Organized a guest lecture on ‘**Fundamental concepts of Isomerism in Chemistry**’ on 11-02-2018.

Resource person: Dr.P.V.V. Sathyanarayana, Retired Professor,
AcharyaNagarjuna University, Guntur.

Purpose of the programme:

To gain understand the fundamental concepts of Isomerism in Chemistry

Outcomes of the programme:

- It was an interactive and demonstrative guest lecture.

- Explained the basic concepts and terminology like Symmetry, Asymmetry, Dissymmetry, Enantiomers & Diastereomers, differences between d,l- forms & D,L- forms, Chiral carbon and E-Z isomerism etc.,.



Delivering lecture on Isomerism

3. Organized an industrial visit cum study tour to CIPET (Central Institute of Plastic Engineering and Technology) located at Enikepadu on 9.8.2018 for the students of III BSc – MPC, CBZ, BioTech. 92 students were taken to the visit and were accompanied by 5 degree faculty members.

Outcome of the programme:

- Mr D. Anjaneya Sharma, Sr Technical Officer at CIPET has coordinated the visit at CIPET.
- Mr K.P.Singh has given orientation about CIPET, PG-Diploma courses at CIPET and career opportunities in this field.
- Students were given inputs about different instruments used in two testing laboratories, mould designing lab and tool rooms.
- Then students were exposed to production unit which consists of recycling- equipment and different modes of moulding systems (injection moulding, compression moulding, film moulding, blow moulding etc.).
- Students were exposed to the production of jars, stools, folder clips etc.
- A live demo was given exclusively for students by preparing HDPE pipe holders with poly acrylo 1,3-butadiene by running an injection moulding system in the processing unit.
- Another live demonstration was also witnessed by our students in Tool room about metal cutting.



III MPC students and faculty at CIPET



III CBZ students and faculty at CIPET



III Bio Tech students and faculty with CIPET staff

- Organized an industrial visit cum study tour to GS Alloys located at Surampalli on 8.2.2018 for the students of II BSc – MPC, CBZ, BioTech. 91 students were taken to the visit and were accompanied by 5 degree faculty members.

Outcome of the programme:

- Mr.Kutty, HR Manager at Surampalli branch has coordinated the visit at GS Alloys.
- Students were given inputs about preparation of liquid iron, pumping of carbon dioxide, moulding, compression and quality test.
- Then students were exposed to production unit.



Interaction of students with personnel at GS Alloys