

MARIS STELLA COLLEGE (AUTONOMOUS)

Department of Chemistry

2019-2020

1. Organized a guest lecture on “**Chemistry: Career opportunities in research**” on 26.7.2019 in the Auditorium in association with Andhra Pradesh Academy of Sciences (APAS).

Resource person:

Prof.M.V.Basaveswara Rao,
Krishna University

Purpose of the programme:

- To motivate students towards higher education and research in inchemistry.
- To bring awareness on career opportunities through research in chemicalsciences

Outcomes of the programme:

- It was an interactive session
- Explained different sources to get into higher education and research
- Discussed about integrated Ph.D courses.



2. Organized an industrial visit cum study tour to CIPET (Central Institute of Plastic Engineering and Technology) located at Surampally on 13.1.2020 for the students of II BSc – MPC, MCCs, CBZ, BioTech, FMC. 75 students were taken to the visit and were accompanied by 4 degree faculty members. Visit to CIPET is coordinated by Dr.S.Vani Latha, Head, Department of Chemistry.

Outcome of the programme:

- Mr D. Anjaneya Sharma, Sr Technical Officer at CIPET has coordinated the visit at CIPET.
- MrK.P.Singh has given orientation about CIPET, PG-Diploma courses atCIPET and career opportunities in this field.
- Students were given inputs about different instruments used in two testinglaboratories, 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.).

- A live demo was given exclusively for students in testing department.



Students at testing unit of CIPET



Recycling unit at CIPET



Students and Faculty at CIPET

3. Organized an extension activity namely 'Lab To Schools' programme on **4.2.2020** at MPUP School in Kuntamukkala village, which does not have lab facility at all. This event would motivate the young minds to exercise social responsibility in empowering the unprivileged students to visualize the concepts experimentally and make their learning effective.

All the faculty members from the department are involved in designing the concept based live experiments for classes V to VIII.

Number of students participated (as Demonstrators) – 10
Number of faculty accompanied – 2

Number of faculty coordinated - 8

Basic chemical science concepts from V to VIII class were taken for live Experimental demonstrations and shown class wise with good explanation by our students.

To inculcate social responsibility, at the end of the event, in each class, our students brought awareness on water consumption and management strategies to be followed to face one of the global problems 'Water Scarcity'.



Live demonstrations of concept based experiments at Lab to Schools programme



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