

**MARIS STELLA COLLEGE (AUTONOMOUS)**  
**Department of Chemistry**  
**2016-2017**

1. Organized a guest lecture ‘Theoretical and Experimental demonstration of Chromatographic techniques’ on 05.08.2016 for III B.Sc – Chemistry combination students.

**Resource persons:** Dr.G.Jyothi garu and Dr.V.Nagalakshmi garu, Dept of Chemistry,  
St. Theresa’s college for women, Eluru.

**Outcomes of the programme:**

Students are enlightened with the basic concepts of Chromatography like

- Types of Chromatography
- Principle used in Chromatographic techniques
- Experimental procedures and uses of chromatographic techniques [Paper, Column, HPLC and TLC]



Delivering Lecture on Chromatography techniques



### Demonstration Paper and column chromatography

2. Organized an extension activity 'Sharing lab resources to intermediate students of other colleges with no/min lab facilities' on 18.1.2017.

#### **Outcomes of the programme:**

- Students of III B.Sc and II BSc – chemistry served as mentors for the programme.
- UG students have trained 73 students of senior intermediate from other colleges in intermediate chemistry practicals by guiding them in salt analysis, volumetric analysis, sol preparations and chromatography experiments.
- This activity helps in enhancing the practical skills of other college students and is a means of developing confidence, teaching skills, organizing skills and deep understanding of the concepts in our UG students by their role of mentors.

