

## Guest Lecture

Topic: "Spectroscopy -A bird's eye view"  
Venue: MBA Seminar Hall, Time: 2:00 pm

By

**Prof. PV.Anantha Lakshmi**  
BOS Chairperson, Dept. of Chemistry Osmania University





**Faculty interacting with Guest Speaker**



**Guest Speaker Presentation**



**Felicitation of Guest Speaker**



**Felicitation to the Guest Speaker by All Staff**

**Outcome:**

Madam has explained about the spectroscopy and types of Spectroscopies. Spectroscopy means the study of interaction with EMR and matter. She has explained all 4 types of

spectroscopies like UV, IR, NMR & Mass Spectroscopy. Madam explained about chromophore, auxochromes, amplitude & frequency ranges of various functional groups. In each spectroscopy, she explained various selection rules. In mass spectrometry she taught about structure determination of various compounds and calculations about spectral interpretation. In IR spectroscopy she has explained about various types of stretching frequencies and overtone bands. In NMR spectra she has explained about various chemical shift values of each compound. Madam had given brief explanation about every topic in spectroscopy. Madam explanation made convenient for all students to understand spectroscopy topic in a very simple and easy way.