

**Prof Incharge: Prof. Edamana Prasad, IITM**

**Relevant Dept: Chemistry**

**Course Name: Engineering Chemistry**

**Topic Name: Spectroscopy & applications**

**Pre requisite:**

The students should be able to explain the basic features of electromagnetic radiation, and structure of atoms.

**Topic Outline:**

Spectroscopy Fundamentals- 1 class 2 hours

Spectroscopy Applications: water purification + controlling air pollution - 1 class 2 hours

Spectroscopy Characterization: Materials and Nanosystem-1 class 2 hours