

SYLLABUS :-

Prerequisite : CY41003 Introduction to theory of spectroscopy: Interaction of radiation with matter; Absorption, Emission. Magnetic Resonance spectroscopy and spin chemistry. Introduction to ultrafast spectroscopy and imaging. Books: Methods of molecular quantum mechanics, by P. W. Atkins; Molecular spectroscopy by J. D. Graybeal. Introduction To Magnetic Resonance by H. Günther; Fluorescence Imaging Spectroscopy and Microscopy by X. F. Wang and B. Herman (Eds.).