



MB204 Aug 3:0

Molecular Spectroscopy and its Biological Applications

Instructor

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Department: Molecular Biophysics Unit

Course Time: Mon, Wed, Fri , 9-10 AM

Lecture venue: MBU Lecture Hall

Detailed Course Page:

Announcements

Brief description of the course

This course is intended to teach and train post-graduate students in interpretation of spectra of organic and biomolecules for structural analysis. Students with training in Chemical and Biological Sciences, who wish to perform structural characterisation of molecules may find the course useful.

Prerequisites

Basic organic chemistry and biochemistry.

Syllabus

NMR Spectroscopy, Mass Spectrometry, UV-Vis, Fluorescence, Circular Dichroism spectroscopy.

Course outcomes

Learn to interpret spectroscopic data for structural analysis.

Grading policy

50% Mid-term and 50% Final.

Assignments

Resources