



UG206L January 0:2

Experiments in Biochemistry and Physiology

Instructor

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Teaching Assistant

Instructors Padma Priya, Neha Bahl; TAs, Deepti and Sai Mata

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Department: Undergraduate Program

Course Time: 2 to 5 PM

Lecture venue: Biology laboratory, Old Physics Building

Detailed Course Page: NA

Announcements

Brief description of the course

The course is designed to impart hands-on experience to second year Biology Major UG students in basic experiments in Biochemistry and Physiology

Prerequisites

Students who have selected to do Major in Biology and are in the 4th semester of the UG program.

Syllabus

Expression and purification of proteins, quantification and characterization of proteins by Biochemical and Immunological assays, cell viability assays, drug sensitivity

Course outcomes

Students are expected to become well versed with the basic techniques and understand the principles of each technique to be able to carry out research projects in laboratories thereon.

Grading policy

35 % for mid term and 35 % for final exam, 70 % for record keeping

Assignments

NA

Resources

Protocols in Biochemistry