Experiments in Biochemistry and Physiology

Instructor
Anjali A Karande (jointly with Deepak Saini)
Email: anjali@iisc.ac.in

Teaching Assistant
Instructors Padma Priya, Neha Bahl; TAs, Deepti and Sai Mata
Email: biopadmapriya@gmail.com, nehabahl@iisc.ac.in

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

Assignments
NA

Resources