CD214 Aug. 3:0

Basic Mathematics

Instructor

Hanudatta S. Atreya and S. Yashonath
Email: hsatreya@iisc.ac.in

Teaching Assistant

NIL
Email: NIL

Department: Integrated Ph.D in Chemistry

Course Time: 8.30-10.0 am

Lecture venue: SSCU lecture hall

Detailed Course Page:

Announcements

Brief description of the course

The course deals with basic techniques in Mathematics useful for Chemists.

Prerequisites

Knowledge of Maths up to 12th Standard or B. Sc Level

Syllabus

Functions, Ordinary and Partial Differential Equations, Error Analysis, Linear Algebra, Laplace transform.

Fourier transform

Course outcomes

The students learn the basic mathematical tools required for analyzing their research data.

Grading policy

20% for assignments, 30% for Mid term examination and 50% for Final Examination

Assignments

Resources

Advanced Engineering Mathematics by Erwin Kreyszig