

MTH 201
Multivariable Calculus & Differential Equations

Instructor: Dr. Saurabh Shrivastava

Office: 323, Second Floor, Academic Building-2, Bhauri Campus

Phone-2365, email:saurabhk@iiserb.ac.in

Tutors: Dr. Anandateertha Mangasuli and Dr. Sasmita Patnaik

Lectures: Venue: **L4** (LHC Bhauri campus)

Time: Mon 12-12.55 PM, Tue 9-9.55 AM, Wed 10-10.55 AM.

Tutorials: Venue:

Section 1 (Roll no. 12002-12040)-L4

Section 2 (Roll no. 12041-12080)-L10

Section 3 (Roll no. 12081-12121)-L11

Time: Fri 9-9.55 AM.

Office hours: Every Wednesday 5-6 PM. Students are encouraged to use office hours for their doubts and questions regarding the course.

Course website: <http://home.iiserb.ac.in/~saurabhk/mth201>

Homeworks and important information may be found here.

Textbooks:

1. G.B. Thomas & R.L. Finney, Calculus and Analytic Geometry
2. Marsden, Tromba, & Weinstein, Basic Multivariable Calculus

It is strongly advised that students **attend lectures and tutorials regularly.**

Examinations and grades distribution: There will be two major quizzes- one before mid-semester exam and the other one before end semester exam. Exact dates will be announced later.

- Attendance: Penalty if absent on more than 5 lectures and 2 tutorials.
- Quiz 1- 7%
- Quiz 2- 8%
- Homework- 10%
- Mid-semester exam- 25%
- End-semester exam- 50%

Homework: Homework sheet will be put up on course website every Monday and will be discussed in tutorial on Friday. Students are asked to submit solutions for selected problems (written '(HW)' against them) by the following Monday. Homeworks should be submitted in time. **Late submission is not allowed.**