

Math 201 (Probability and Statistics Sec A) - Winter 2025

Instructor: Sneha Chaubey

Email: sneha@iiitd.ac.in

Time: 3:00-4:30 Tue, Thu.

Classroom: C101 (Lecture Hall Complex, First floor)

Office Hours: 11:00-12:00 Wednesday or by appointment.

Office Hours' Location: B-308 (R&D Block, Third floor)

Course TAs:

1. Madhav Krishan Garg (madhav21333) - Tut Sec A
2. Warade Atharva Abhijit (warade22582) - Tut Sec B
3. Syed Yasser Ali (syed22530) - Tut Sec C
4. Aditya Amitabh Gupta (aditya21443)- Tut Sec D
5. Karav Yadav (karan22234)- Tut Sec E
6. Aniket Dwivedi (aniket24208) - Tut Sec F
7. Sourav Das (souravd)- Tut Sec G
8. Shobhit Pandey (shobhit21287) - Tut Sec H
9. Anmol Gupta (anmol21233) - Tut Sec I
10. Debamalya Adhya (debamalya24029) - Tut Sec J
11. Alkesh Pratap (alkesh 24010)- Tut Sec K
12. Meka Siva Surya Teja (meka24053)-Tut Sec L
13. Ananya Sachdeva (ananya22069) - Tut Sec M

Course Head TAs: Anupam Singh (anupams), Nitesh Sharma (niteshs)

Tutorials: 8:30-9:30 M (rooms to be allotted and updated on classroom)

References: There are several possible references for this course. Below is a list of a few that I draw upon for my lectures although I will not follow any book verbatim. Although, I must add that the lecture notes cover everything that is in the course. If you do want a text to refer to then the most suitable ones are

Sheldon Ross, "Introduction to Probability and statistics for Scientists and Engineers".

Roy Yates and David Goodman, "Probability and Stochastic Processes".

William Feller, "An introduction to probability theory and its applications".

Course Policies:

Homework: Practice Problem sets may be assigned approximately every two-three weeks. You should feel free to work on these questions with your classmates and these will not be evaluated.

Tutorials: The tutorials will consist of in class worksheets, regular quizzes, discussion of doubts and practice problems. The discussion of worksheets will take place in class groups.

Worksheet and quizzes: There will be worksheets assigned every week and quizzes every 2-3 weeks in tutorials. Both quizzes and worksheets will be graded.

Course Policies:

Overall grading: Your course grade breakdown is as follows:

Worksheets 20%

Quizzes 20%

Midterm 25%

Final 35%

Exam: There will be one midterm and one endterm exam. More information on the material to be covered on the exams will be made available later.

Classroom Policies: Daily attendance is expected. If you miss class due to some reason please check the course website or contact your classmates about any important announcements made in class regarding office hours, lecture notes, etc. Please **keep your cell phones silent** in class.

Academic Honesty: Cheating is taken very seriously as it takes unfair advantage of the other students in the class. Any form of academic dishonesty will not be accepted. Refer to www.iiitd.ac.in/academics/academic-dishonesty on Institute's Academic Dishonesty Policy.

Extra help: Ask questions in class. If you are confused about something, then several other people are as well. Do not hesitate to come to my office during office hours or by appointment to discuss any aspect of the course.