

DEPARTMENT OF MATHEMATICS & STATISTICS
INDIAN INSTITUTE OF TECHNOLOGY KANPUR
GUIDELINES FOR PROJECT COURSES

1. The Project Committee Convenor is in-charge of all the UG project courses and will also be responsible for the actions to be performed through OARS/pingala.
2. A student wishing to register a project course should necessarily submit the duly filled-in project registration form (as given in Annexure-I) to the project convenor before pre-registration/registration. The project convenor may accept the course registration request subject to fulfillment of the desired parameters.
3. The project supervisor(s) should be a faculty member of the Department of Mathematics & Statistics and the topic of the project should be related to mathematical sciences.
4. A student may have atmost two project supervisors with atleast one from the Department of Mathematics & Statistics. However, all the supervisors should be actively involved in the project work. Further, external supervisor(s), if any, should necessarily take part in the evaluation/grading process and a declaration to this effect should be given in the form (given in Annexure-I).
5. In general, joint projects are discouraged! However, in exceptional cases, joint projects may be allowed with a maximum of two students in one project course and the final decision rests with the project convenor based on the recommendation of the supervisor(s). Further, the students should submit separate project registration forms.
6. In case of joint projects, each involved student should make a separate presentation and submit a separate report. The students will also be evaluated separately.
7. In general, registering for more than one project course in a semester is discouraged! However, an exception may be made if the project courses are registered with different titles and different supervisors from the department of mathematics & statistics.
8. A faculty member of the department can supervise (in a given semester) atmost five project courses. For instance, same student registered under one supervisor for multiple project courses and/or same title will be counted as many times. A declaration to this effect should be given by the supervisor in the form given in Annexure-I.
9. The student is required to submit a project report (both hardcopy and electronic copy) exactly two weeks before start of the end-semester exams. The precise date and time for the submission deadline will be circulated by the project convenor.
10. The project oral presentations will be conducted during the last weekend before the end-semester exams. The precise schedule, slot and venue will be circulated by the project convenor. The reservations of venue for the presentations should be included in the department time-table of the semester.

11. The evaluation project courses will be done by a committee of faculty members. The project evaluation committee will be constituted by the project convenor comprising of project course supervisors. However, if need arise, any faculty member can be made part of the project evaluation committee irrespective of whether they supervise project courses or not. The final decision regarding the constitution of the project evaluation committee rests with the project convenor.

12. The committees may be formed as follows:

Committee A Probability & Statistics, Financial Mathematics, and related areas;

Committee B Scientific Computing, Mathematical Modelling, Fluid Mechanics, Differential Equations, and related topics;

Committee C Analysis, Geometry, Topology, Fractals, and related topics;

Committee D Discrete Mathematics, Logic, Optimization, and related topics.

Each of these committees will have a convener, appointed by the project convenor.

13. In each semester the grade of a student will be awarded by the evaluation committee in consultation with his/her thesis supervisor(s). The project is evaluated on the basis of the following components:

- Progress Reports: 40%;
- Presentation: 30%;
- Viva:30%.

The evaluation committee will give marks out of ten with weightage of the Project supervisor being 50% and the grade will depend on the average of the marks out of ten.

14. Project progress reports should normally not exceed 40 pages of A4 size with double spacing. The project report should be arranged as follows:

- (a) a declaration from the student(s) undertaking the project in the format of “Declaration Form”, as given in Annexure-II, to avoid plagiarism concerns;
- (b) Abstract;
- (c) Table of contents;
- (d) Main Text;
- (e) List of reference.

It is recommended to arrange the main text as an introduction, the main body and conclusions.

Annexure-I

DEPARTMENT OF MATHEMATICS & STATISTICS
INDIAN INSTITUTE OF TECHNOLOGY KANPUR
PROJECT REGISTRATION FORM

Name of the student:

Roll No.:

Course No.:

E-mail:

Title of the project:

Is it a joint project with another student?

Signature of the student

Name(s) of the department supervisor(s):

E-mail:

I am/We are not supervising more than
five project courses in the current semester

Signature of the supervisor(s)

Name of the external supervisor:

Department:

E-mail:

I will be physically present during the
oral presentation at the end of semester

Signature of the external supervisor

Request approved/rejected

Signature of the project convenor

Annexure-II

DECLARATION

I/We hereby declare that the work presented in the project report entitled contains my own ideas in my own words. At places, where ideas and words are borrowed from other sources, proper references, as applicable, have been cited. To the best of our knowledge this work does not emanate from or resemble other work created by person(s) other than mentioned herein.

Name and Signature

Date: