Department of Mathematics & Statistics
Indian Institute of Technology Kanpur

Guidelines for M.Sc. Projects (MTH 598/599)

1. Any student registering for MTH 598/599 is required to inform the convener DUGC the name of his/her project supervisor(s) at the time of pre-registration.
2. By the last date of add and drop, the student must submit the ``Project Registration Form'', appended as Annexure-I to this document, to the convener, DUGC. This form requires a project title, the signature of the student, signature(s) of the supervisor(s) and the signature of the convener, DUGC.
3. The project supervisor(s) should normally be a faculty member(s) of the Department of Mathematics & Statistics and the topic of the project should be relevant to Mathematical Sciences. If a student desires to have a Project Supervisor from another department of the institute, the prior approval for the same should be sought from the DUGC.
4. A student may have at the most two Project Supervisors. If a student desires to have two supervisors, at least one of these should be from the Department of Mathematics & Statistics.
5. The number of students in a project group should not be more than two.
6. In the project running over two semesters the student(s) will be required to submit three progress reports and a final report to the Convener, M.Sc. Projects Committee. The first progress report is to be submitted in the sixth week of the first semester of the project; the second progress report is to be submitted two week before the end semester examination in the first semester of the project, and the third progress report is to be submitted in the sixth week of the second semester of the project. One hard copy and an electronic version of the final report of the project should be submitted two weeks before the end semester examination in the second semester of the project. In addition the student will be required to make an oral presentation in front of a committee constituted for this purpose by the convener of the M.Sc. Projects committee (see item 11).
7. The project running over two semesters should normally start in the first semester of academic session.
8. In the project of one semester the student(s) will be required to submit one progress report and a final report to the Convener, M.Sc. Projects Committee. The progress report is to be submitted in the sixth week of the semester in which the project is undertaken. One hard copy and an electronic version of the final report of the project should be submitted two weeks before the end semester examination. In addition the student will be required to make an oral presentation in front of a committee constituted for this purpose by the convener of the M.Sc. Projects committee (see item 11).

9. The project of one semester should normally be taken in the second semester of any academic session.
10. The evaluation of a M.Sc. project will be based on continuous evaluation. In each semester of the project, the student is expected to devote about 100 hours.
11. The project will be evaluated by a committee of faculty members in each of the semesters. These committees will be constituted by the convener of the M.Sc. Projects Committee keeping in mind the areas of project they will cover. For example, 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 convener of M.Sc. Projects Committee, and the supervisors concerned.
12. In each semester the grade of a student will be awarded by the committee in consultation with his/her thesis supervisor(s). The project is evaluated on the basis of the following components: First Progress Reports: 20%; second /Final Report: 30%;   Presentation: 30%; Viva:20%.(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).
13. Project progress reports should normally be no longer than 250 words and final report should not be longer than 40 A4 size pages in double spacing. Each final project report need to contain the following: (i) Abstract; (ii) Table of contents; (ii) Main Text; (iii) List of reference. It may be desirable to arrange the main text as an introduction, the main body and conclusions.
14. To take care of plagiarism issues, a declaration from the student(s) undertaking project is to be provided in ``Declaration Form'', appended as Annexure-II.

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<u>Project Registration Form</u>

Name of the student:
    Roll No. :
    e-mail   :

Name of the supervisor(s):
    Department(s) :
    e-mail (s)   :

Title of the Project:

Signature of the Student:

Signature of supervisor(s): (i)

                    (ii)

Signature of Convener, DUGC:

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 or resemble to other work created by person(s) other than mentioned herein.

The work was created on this ….. day of ……….. 20…..

Name and Signature   Name and Signature

Date: