

PH-9252: Project Work

Project allotment

M.Sc. Project to students of M.Sc. final year with a ratio of 1:1 only with respect to number of regular faculty members in the Department of Physics will be offered on *Merit (in the 1st year of M.Sc.)-cum-Option of the student* basis before the end of the 3rd semester and rest of the students will do **Physics Lab-III (Materials Science & Digital Electronics)**.

Aim of Project

The aim of project work in M.Sc. 4th semesters is to expose the students to some of the preliminaries and methodology of research and as such it may consist of review of some research papers, development of a laboratory experiment, fabrication of a device, working out some problem, participation in some ongoing research activity, analysis of data, etc.

Project Guidelines

- Project work can be in Experimental Physics or Theoretical Physics in the thrust as well as non-thrust research areas of the department.
- A brief synopsis on the research project to be carried out by the student has to be submitted to the Departmental Research Committee (DRC) within first week at start of the academic session of the 4th semester.
- Finally, a report/thesis of about 60-80 pages on the work done in the project (typed on single side of the page properly hard bound) will be submitted by a date to be announced by the Departmental Research Committee (DRC).
- Assessment of the work done under the project will be carried out by a committee on the basis of efforts put in the execution of the project, interest shown in learning the methodology, report prepared, grasp of the problem assigned and viva-voce/seminar, etc as per guidelines prepared by the Departmental Research Committee (DRC).
- This load (equivalent to 8 hours per week for each student) of research project will not be counted towards the normal teaching load of the teacher.

Seminar

- Students pursuing M.Sc. Projects in the 4th Semester have to give regular seminars along with the final seminar on the project duly supported by the use of multimedia and evaluation will be carried out by Departmental Research Committee (DRC).

Members of DRC

All Prof., Concerned Supervisors and Chairman of DRC (HOD)

REPORT/THESIS WRITING

A report/thesis of about 50 pages on the work done in the project typed on single side of the page with 1.5 line spacing, Times New Roman font with 14 size for titles and 12 size for sub-titles and remaining text and properly hard bound. Overall contents of the report/thesis should be generally in the following order:

- Title page
- Acknowledgements
- Certificate
- Abstract
- List of figures or illustrations
- Introduction
- Aims and objectives
- Literature survey
- Scope and constraints
- Resources
- Methodology/Experimental Method
- Results
- Discussion
- Conclusion
- Future recommendations
- Reference List/Bibliography
- Appendices

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