

HYDERABAD CAMPUS
FIRST SEMESTER 2022 - 2023
Course Handout (Part II)

Date: 29/08/2022

In addition to Part-I (General Handout for all courses appended to the time table) this portion gives further specific details regarding the course.

Course No : PHY F376/377

Course Title : Design Project

Instructor-in-charge : Sarmistha Banik

1. Scope and Objective of the course:

This course aims at developing the skills for research oriented study in different branches of Physics. The 'design project' will enable students to get basic knowledge of a specific topic by literature survey i.e. through reading peer reviewed journal articles and advanced text books and then implementing the ideas to solve a specific computational problem. The project course will provide exposure of operating/generating a computer based program for solving the problem and analyzing generated data. As a part of education, this project course follows a method of learning and, therefore, the student's actual day-to-day task involvement would constitute the central thread of the learning process. The evaluation will recognize this aspect by demanding day-to-day productivity and punctuality of the student.

2. Course Plan:

The plan of work for each student will be decided by the respective Instructors. Each student should adhere to the plan of work decided for and should regularly monitor the progress of the project accordingly.

3. Evaluation Scheme:

| Components | Weightage (%) | Due Date |
|-----------------------------------|----------------------|---|
| (a) Project Title & Plan of Work | 05 | 12 th September, 2022 |
| (b) Presentation 1 | 15 | 12 th October, 2022 |
| (c) Mid Semester Report | 15 | 10 th November, 2022 |
| (d) Presentation 2 (Mid Semester) | 10 | on or before November 10 th , 2022 |
| (e) Final Report | 25 | 13 th December, 2022 |
| (f) Final Presentation and Viva | 20 | on or before December 13 th 2022 |
| (g) Weekly interactions and Diary | 10 | Continuous |

4. Midsemester grading:

Mid-semester grading will be done on the basis of the components a, b, c and d of the evaluation scheme.

5. Grading Procedure:

In addition to what is mentioned in Part I of handout, the grading will be done mainly on the basis of the progress made towards attainment of the project objectives and will recognize that each Instructor has given specific task situation in which the student participates in a cognitive manner. Thus, each Instructor will recommend a grade for his student for the consideration of the Instructor-in-charge. In a specialized course of this nature the respective Instructor's assessment of the student vis-à-vis the objective of the project would be the central criterion for arriving at final grade.

6. **Notices:** All notices pertaining to this course will be put up on the Physics Notice Boards.

7. General

It is the student's responsibility to ensure:

- Continuous interaction with the instructor.
- Work to the satisfaction of the instructor.
- Submitting plan of work, written presentations, final report etc. to the instructor.
- Adherence to plan of work.
- Evaluation(s) to be completed by the due date.

8. Project Report

The project report shall be submitted to the instructor. The reports will be checked by the instructor using **Turnitin** software. A soft copy of the midsem and final report along with the turnitin report and receipt is to be submitted to the Instructor in-charge through your instructor.

9. **Academic Honesty and Integrity Policy:** Academic honesty and integrity are to be maintained by all the students throughout the semester and no type of academic dishonesty is acceptable.

Instructor-in-charge

PHY F376/377

