Birla Institute of Technology & Science, Pilani
Hyderabad Campus

SECONS SEMESTER 2023 - 2024

Course Handout Part II

07.08.2023

In addition to part-I (General Handout for all courses appended to the timetable), this portion gives further specific details regarding the course.

Course No : PHY F366/367
Course Title : Laboratory Project
Instructor-in-charge : Dr. Sankar Davuluri

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	25th August, 2023
(b) Presentation 1	15	16th September, 2023
(c) Mid Semester Report	15	07th October, 2023
(d) Presentation 2 (Mid Semester)	10	on or before November 13th, 2023

(e) Final Report	25	05th December, 2023
(f) Final Presentation and Viva	20	on or before December 05th 2023
(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 F366/367