

BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE, PILANI
INSTRUCTION DIVISION
FIRST SEMESTER 2015-2016
COURSE HANDOUT (PART-II)

Date: 03-08-2015

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

Course No. : **PHY F214**

Course Title : **ELEC MAGNET & OPT LAB**

Instructor Incharge : **V. Manjuladevi**

Instructors Name : V. Manjuladevi , Kaushar Vaidya, Subhashis Gangopadhyay

1. AIMS AND LEARNING OBJECTIVE:

This lab will consist of experiments on electromagnetism, optics and lasers. To expose the students to experimental methods of Physics and to integrate theoretical knowledge and concept to practical experience. Students will learn, operation of scientific equipment for collecting data and the analysis of collected data using computer.

2. TEXT BOOK:

Lab manual for Physics: Will be provided in the lab.

Reference: Relevant reference materials are specified in the lab manuals.

3. EVALUATION SCHEME:

EVALUATION COMPONENT	DURATION	Date & Time	MARKS
DAY TO DAY PERFORMANCE			50
LAB TEST	2Hrs	<test_1>	20
COMPRE EXAM	2 Hrs	<test_C>	30
TOTAL			100

Students must submit lab report for each experiment done in the lab on same day. Students are expected to read the allotted experiments from the manuals before coming to the lab.

5. MAKE-UP:

The schedule of the experiment is very tight, the students are expected to attend all the labs regularly. Make-up will be given in the following conditions only

1. Hospitalized cases

2. Marriage of his or her own brother and sister or any other ceremony in their family (Cards or parent declaration is required).
3. Without submitting a proper proof, make-up will not be granted. This will be implemented strictly.

6. NOTICE: Notices concerning this course will be displayed on **PHYSICS Department and FDIH** notice boards only.

**Instructor-In-Charge
PHY F214**