



FIRST SEMESTER 2016-2017

COURSE HANDOUT (PART-II)

Date: 02.08.2016

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** : KAUSHAR VAIDYA

**Instructors Name** : Kaushar Vaidya, Subhashis Gangopadhyay, V. Manjuladevi,  
Amol Holkundkar

**1. AIMS AND LEARNING OBJECTIVE:**

This lab consists of experiments on electromagnetism and optics. The aim of this lab is to expose students to various topics in the above subject areas by carefully chosen experiments and hence to integrate the theoretical knowledge they acquire in the corresponding theory courses. Students also gain other skills in the process such as how to use various scientific equipments, how to analyze data, how to estimate errors, for example.

**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	MARKS (%)	Date
DAY TO DAY PERFORMANCE	4 Hrs/Week	50	
LAB TEST	2 Hrs	20	
COMPRE EXAM	2 Hrs	30	<TEST_C>
<b>TOTAL</b>		<b>100</b>	





The expectations from students such as regarding maintenance of lab record book, participation in lab, etc., will be clearly spelt out in the first lab.

#### 5. MAKE-UP:

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).

Without proper proof, make-up will NOT be granted. This will be implemented strictly.

#### 6. NOTICE: Notices concerning this course will be displayed on **FD-III** notice board

Only. Notices shall be uploaded on the course page on Nalanda as well.

**Instructor-In-Charge**

**PHY F214**

