ELL100: Introduction to Electrical Engineering

Semester II, Jan to May 2018

Laboratory component

Department of Electrical Engineering, IIT Delhi

Laboratory component

- The laboratory weightage is 25 / 100 marks.

- 7 experiments weigh 17.5 marks.

- Lab project of 7.5 marks

- Within each experiment, completion is worth 1 mark, the lab report is worth 1.5 marks.

Instructors

- Prof Sumeet Agarwal, Prof Lalan Kumar, Prof A.R. Abhyankar, Prof J. Harshan, Prof Manav Bhatnagar, Prof Deepak Patil, Prof Nilanjan Senroy, Prof Abhishek Dixit, Prof Shubhendu Bhasin, Prof Ranjan Mallik

- Lab timings: 11AM to 1PM and 3PM to 5PM.

- Please consult your own timetable as per your own group.

- Venue: LHC 401

Lab manuals, instructions

- Laboratory instructions, manuals, and your experiment for today are all available on moodle.

- Please login to the ELL100 moodle page **before you come to the lab**.

- Do basic calculations, read about the experiment that you are going to perform before showing up.

Lab report submission

- You have to demonstrate to the Teaching Assistants on the job that you have actually done the experiment. The TA will validate this and open the lab report submission portal.

- Lab report is to be submitted through moodle.

- Two students have to perform the experiment together. Take measurements separately. Reports are separate; same text ok, measurements will be different.

- Report submission will be allowed till 1 week + expt; submissions till 2 weeks+expt will be penalized.

Safety and other issues

- You have to wear closed shoes to the lab. If you come in without shoes, you will be sent back and marked absent.

- If you miss a lab, it is your reponsibility to talk to the lab technician and TA and schedule a makeup class.

- Do not use mobile phones in the lab.

Lab project

- You will have to design and implement something of interest using the components available in the lab. This will be a group activity. Please get your project plan approved by your instructor.

- You can start discussing this before the Holi break.

- Lab project is of 7.5 marks.