

## Department of ECE, Bennett University

### EECE105L: Fundamentals of Electrical and Electronics Engineering

#### Lab Report:

In the laboratory, each student forms a group along with one or two more students so that the group size is between two to three. During the entire semester, the group performs all the experiments. If a student in a group misses an experiment due to what so ever reason it may be, the student continues with the group. Same holds for a group in a batch.

The following are the efforts needed by the student while performing the lab.

**Lab Diary:** Lab observation diary is where a student is going to record all his actions during the lab. This diary includes all notes from the circuit that you have used while performing the experiments, details of the components along with the values, observations in the format of the table. The calculations about the experiment are also part of the diary.

A long notebook with forty sheets shall serve the purpose of a lab diary.

Lab Journal: Lab Journal is a fair record, in which the experiments are detailed. The Lab journal consists of the following sections about an experiment. Most of the sections are self-explanatory. **Limit the write-up between three to five pages.**

- 1) Aim
- 2) Equipment/Apparatus/Components required
- 3) Circuits and figures (if any)
- 4) Theory (limit the section to only equations that you may need for calculations)
- 5) Procedure: Write the procedure in your own words.
- 6) Observations (in table format), calculations, graphs (as needed)
- 7) Results
- 8) Conclusions

The lab journal needs submission before starting the next experiment. In case of last experiment, the due date is within one week after you complete the experiment.