**East West University**

**Department of CSE**

**LAB REPORT**

| **Course Code and Name:** | | |
| --- | --- | --- |
| **Experiment no:** | | |
| **Experiment name:** | | |
| **Semester and Year:** | **GROUP NO:** | |
| **Name of Student:**  **Student Id:** | **Course Instructor information:** | |
| **Date of Report Submitted:** | **Pre-Lab Marks:** |  |
| **Post Lab Marks:** |  |
| **TOTAL Marks:** |  |

# ABSTRACT

Place your abstract here. This is a stand-alone summary of the report. Abstracts are commonly encountered in electronic library databases. The primary function of the abstract is to allow the reader to obtain an understanding of what the report is about and what was accomplished.

*\*Tips*

The abstract should answer the following questions:

* What is the objective of the lab?
* Why is this objective significant?
* What type of work is performed to achieve the objective?
* What are the major results of the work achieved?
* What conclusions can be made from these results?

The abstract should never be more than one page long and should not include any references to the body of the report.

# OBJECTIVE

Place your objective and introduction here. State the objective clearly. A few explanatory sentences may be included, if needed. Use paraphrasing and avoid plagiarism. Use passive form to write sentences.

The objective should answer the question: What is the lab objective designed to determine?

**[ DO NOT COPY & PASTE FROM YOUR LAB MANUAL, TAKE THE IDEA & USE YOUR OWN LANGUAGE TO WRITE]**

# THEORY AND EXPERIMENTAL METHODS

* You should write theoretical explanations in passive form of sentences.
* Use equation number if you have any.
* Draw circuit diagram using Pspice or MS Visio or Matlab or Excel.
* Create a Table here for experimental data that you have recorded during lab.

Also, add your scanned experimental data sheet in pdf format with the post lab report as a proof that you conducted the lab and your recorded data were verified.

**Also make sure to add the image of the signed dataset and all your pre-lab images as well.   
The checked and signed pre-lab of all the individual students should be added to the report.**

# RESULTS AND DISCUSSION

* Answer all the post lab report questions from the respective lab manual.
* Give explanation of the plotted curves (if there is any) and briefly explain the reasons if any significant change is noticed.
* Theoretical & experimental data should be compared and comments or justification should be given in case of any discrepancies are observed.
* Don’t forget to put Figure & Table numbers in chronological order.

# CONCLUSIONS

Place your conclusions here. State your discoveries, judgments and opinions from the results of this experiment. Make recommendations for further study. Suggest ways to improve the results of this experiment.

# REFERENCES

Place your references here. Itemize your lab data sheet, or collect data from any other resources that you referenced in compiling your report. Provide authors, publisher, date of publication, page number, etc. \**Tips*

*Tips: Follow the standard format for typing a reference:*

1. Little, P., and Cardenas, M., “Use of Studio Methods in the Introductory Engineering Design Curriculum,” *Journal of Engineering Education*, Vol. 90, No. 3, 2001, pp. 309-318.
2. Nunally, J., *Psychometric Theory*, 2nd ed., New York, N.Y.: McGraw-Hill, 1978.