EE1302: INTRODUCTION TO ELECTRICAL ENGINEERING

LABORATORY 01

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SEMESTER: 0X

DATE : 0X /0X /20XX

Table .: Summative Laboratory Form

|  |  |
| --- | --- |
| Semester | 01 |
| Module Code | EE1302 |
| Module Name | Introduction to Electrical Engineering |
| Lab Number | 01 |
| Lab Name | Measuring Instruments |
| Lab conduction date | 2022.09.14 |
| Report Submission date | 2022.09.21 |

**Contents**

[1 OBSERVATION 6](#_Toc114216731)

[2 CALCULATION 7](#_Toc114216732)

[2.1 SPECIMEN CALCULATION 7](#_Toc114216733)

[3 TABULATION 8](#_Toc114216734)

[4 DISCUSSION 9](#_Toc114216735)

[5 REFERENCES 11](#_Toc114216736)

[6 APPENDIX 12](#_Toc114216737)

**List of Tables**

[Table 1.1 Scale and Resistance Values 5](#_heading=h.1fob9te)

**List of Figures**

[Figure 1.1 : Example Oscilloscope Diagram 5](#_heading=h.30j0zll)

# Observation

(You need to record the observations you collected during the laboratory session. It may be measurement values, oscilloscope screen recording figures, etc. However, if you insert a figure, caption should be correctly specified as in the Figure 1.1 and need to be referred it in the text.

A picture containing diagram

Description automatically generated

Figure 1.1 : Example Oscilloscope Diagram

If you want to include a table, insert it as follows and refer to it in the text. Table 1.1 shows how to change the resistance with scale values.

Table 1.1 Scale and Resistance Values

|  |  |
| --- | --- |
| **Scale** | **Resistance / (ohm)** |
| Scale 0 | 10 |
| Scale 1 | 20 |

# Calculation

If you have a particular calculation part, write it here.

If you have repeated calculations, mention it under specimen calculation. If you have only the specimen calculation part, just include the specimen calculation sub-topic.

## Specimen Calculation

# Tabulation

Based on the specimen calculation, you need to tabulate the results here.

# Discussion

Q1.

According to Table 1, there is a clear deviation with the theoretical values. Possible solutions are as follows…..

In the above way, you should discuss the question by aiding with tables, figures or graphs.

Q2.

If available, write the answers for the next question. Please start every new question on a new page. Maximum number of words should be limited to 500.

# References

You need to refer the materials using IEEE referencing style. And you need to cite in the text.

[1] Devlin, R.C., Ambrosio, A., Rubin, N.A., Mueller, J.B. and Capasso, F., 2017. Arbitrary spin-to–orbital angular momentum conversion of light. *Science*, *358*(6365), pp.896-901.

# Appendix

You may include supportive documents, if any. In addition, the figures you can not Insert as a figure in the above chapters, you may include here.