

**AMERICAN INTERNATIONAL UNIVERSITY–BANGLADESH (AIUB)**

**FACULTY OF SCIENCE & TECHNOLOGY**

**DEPARTMENT OF PHYSICS**

**PHYSICS 1 LAB**

**Spring 2021-2022**

**Section: \_\_\_\_\_\_, Group: \_\_\_\_\_\_\_\_**

**LAB REPORT ON**

***Title of the Report***

**Supervised By**

**SUPERVISOR’S NAME**

**Submitted By**

|  |  |  |
| --- | --- | --- |
| **Name** | **ID** | **Contribution** |
| **1.** |  |  |
| **2.** |  |  |
| **3.** |  |  |
| **4.** |  |  |
| **5.** |  |  |
| **6.** |  |  |

Date of Submission: **month day, 2022**

**TABLE OF CONTENTS**

|  |  |
| --- | --- |
| **TOPICS** | ***Page no*.** |
| 1. **Title Page** | 1 |
| 1. **Table of Content** | 2 |
| 1. **Theory** | 3 |
| 1. **Apparatus** |  |
| 1. **Procedure** |  |
| 1. **Experimental Data** |  |
| 1. **Analysis and Calculation** |  |
| 1. **Result** |  |
| 1. **Discussion** |  |
| 1. **References** |  |
| 1. **Appendices** |  |

1. **Theory**

1. **Apparatus**

*(Must be written in list for)*

1. **Procedure**

*(Must be written, in passive form, according to lab manual and video lecture)*

1. **Experimental Data**

*(You should paste the completed data table here)*

1. **Analysis and Calculation**

***(****All detail analysis/calculation must be shown here****)***

1. **Result**

*(A brief result of the experiment should be written here)*

1. **Discussion**

*(Students may discuss, in passive form, the objectives, precautions, challenges, errors in results, etc. related with the experiment)*

1. **References**

Resource of theory form “fundamentals of physics” (halliday & Resnick ,ten edition)’(chapter :15 “oscillation” ;pendulums ,page 425)

1. **Appendices** (if any)

(*The following part is only to be followed in preparing the report*)

**Instructions**

* The **font** is ‘**Times new Roman**’.
* The **font size** of all the **titles** are **16 down to 12**, 16 being the main title, 14 **subtitle**, and so on.
* The **font size** of all the **text** must be **11** andall text should be **justified**.
* From the **Paragraph**à**Indents & Spacing tab**.
  + **Line spacing**à**1.5 lines**.
  + **SpacingàBefore** and **After** both will be **6 pt**.
  + Check **√**the box ‘**Don’t add space between paragraphs of the same style**’.
* All the gaps between the paragraphs, titles, etc. should be same.