PHY1002 Physics Laboratory (2022-2023 Term2) Short Report

Experiment 3. Conservation of Energy (Ballistic Pendulum)

1. Fill in the table below from the pendulum experiment:

• Submit soft copies online.

• No further modification allowed after deadline.

• No figure is required if not specified.

Student ID:

Date of experiment:

Name:

Group:

No. of	Angle θ (rad)	h (1	h (m)		m/s)	
Measurements					,	
1						
2						
3						
4						
5						
Average with						
Standard Error						
2. Fill in the table b	No. of Measuremen 1 2 3 4 5 Average with	ts	by photogate v_0	:		
3. How well does the value measured direction.		, calcı				
analysis important?	•					
	End of	 Labor	atory Report			
Notes:						