

### ASSESSMENT OF PROGRAM LEARNING OUTCOMES (PLO)

**COURSE** : Basic Physics Practicum 1  
**CREDIT** : 1  
**STUDY PROGRAM** : Physics Education  
**PERIOD** : 2019/2020(1)  
**CIASS** : PFC 2019  
**PARTICIPANTS** : 30

#### PROGRAM LEARNING OUTCOMES

PLO 1. Demonstrate their knowledge of classical physics and modern physics.

PLO 6. Design and conduct experiments in learning physics by applying the scientific method

PLO 8. Communicate the ideas and research results in verbal as well as written effectively

#### COURSE LEARNING OUTCOMES

1. Students master physics knowledge about mechanics and thermodynamics to identify the properties of a simple physical system.
2. Students are able to correlate physical knowledge about mechanics and thermodynamics with the problems of a simple physical system to design basic physics experiments using scientific methods.
3. Students are able to correlate physical knowledge about mechanics and thermodynamics with the problems of a simple physical system to carry out basic physics experiments using scientific methods.
4. Students are able to communicate ideas, ideas, and results of basic physics practicum on mechanics and thermodynamics effectively in the form of practicum activity reports.
5. Students are able to communicate ideas, ideas, and the results of basic physics practicum on mechanics and thermodynamics effectively, orally through seminars on the results of practicum.

#### CLO-PLO CORRELATION

	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9	PLO10	PLO11	PLO12
<b>CLO1</b>	V	0	0	0	0	0	0	0	0	0	0	0
<b>CLO2</b>	0	0	0	0	0	V	0	0	0	0	0	0
<b>CLO3</b>	0	0	0	0	0	V	0	0	0	0	0	0
<b>CLO4</b>	0	0	0	0	0	0	0	V	0	0	0	0
<b>CLO5</b>	0	0	0	0	0	0	0	V	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0

#### ASSESSMENT PLAN

	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9	PLO10	PLO11	PLO12
<b>CLO1</b>	Participati on, Assignme nt, Mid Test, Final Exam	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>CLO2</b>	0.00	0.00	0.00	0.00	0.00	Participatio n, Assignmen t, Final Exam	0.00	0.00	0.00	0.00	0.00	0.00
<b>CLO3</b>	0.00	0.00	0.00	0.00	0.00	Participatio n, Assignmen t, Final Exam	0.00	0.00	0.00	0.00	0.00	0.00
<b>CLO4</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Participatio n, Assignment , Mid Test, Final Exam	0.00	0.00	0.00	0.00
<b>CLO5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Participatio n, Assignment , Mid Test, Final Exam	0.00	0.00	0.00	0.00

**STUDENTS' PERFORMANCE**

	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9	PLO10	PLO11	PLO12
<b>Excellent</b>	19%	-	-	-	-	85%	-	19%	-	-	-	-
<b>Good</b>	81%	-	-	-	-	15%	-	81%	-	-	-	-
<b>Satisfy</b>	0%	-	-	-	-	0%	-	0%	-	-	-	-
<b>Fail</b>	0%	-	-	-	-	0%	-	0%	-	-	-	-

