

LESSON PLAN

Discipline :Common to all branch	Semester- 2 nd (S-2026)	Name of the Teaching Faculty-Mrs Pragyna Parimita Swain
Subject: Applied Physics –II Lab	No. of Days/per week class allotted-2	Semester From Date:09-01-2026 To date:08-05-2026
Week	Day	Topics
1	1	EXPERIMENT 1:-To determine and verify the time period of cantilever.
	2	Observation and readings taken by the students.
2	1	Verification of the observation and readings taken by the students. Sessional of the experiment 1.
	2	EXPERIMENT 2:-To determine velocity of ultrasonic in different liquids using ultrasonic interferometer.
3	1	Observation and readings taken by the students.
	2	Verification of the observation and readings taken by the students. Sessional of the experiment 2.
4	1	EXPERIMENT 3:-To verify laws of reflection using a glass slab.
	2	Observation and readings taken by the students.
5	1	Verification of the observation and readings taken by the students. Sessional of the experiment 3.
	2	EXPERIMENT 4:- To verify laws of refraction (Snell's law) using a glass slab.
6	1	Observation and readings taken by the students.
	2	Verification of the observation and readings taken by the students. Sessional of the experiment 4.
7	1	EXPERIMENT 5:-To determine focal length and magnifying power of a convex lens.
	2	Observation and readings taken by the students.
8	1	Verification of the observation and readings taken by the students. Sessional of the experiment 5.
	2	EXPERIMENT 6:-To verify Ohm's law by plotting graph between current and potential difference.
9	1	Observation and readings taken by the students.
	2	Verification of the observation and readings taken by the students. Sessional of the experiment 6.
10	1	EXPERIMENT 7:-To verify laws of resistances in series and parallel combination.
	2	Observation and readings taken by the students.
11	1	Verification of the observation and readings taken by the students. Sessional of the experiment 7.
	2	EXPERIMENT 8:-To find the frequency of AC main using

		electrical vibrator.
12	1	Observation and readings taken by the students.
	2	Verification of the observation and readings taken by the students. Sessional of the experiment 8.
13	1	EXPERIMENT 9:-To verify Kirchoff's law using electrical circuits.
	2	Observation and readings taken by the students.
14	1	Verification of the observation and readings taken by the students. Sessional of the experiment 9.
	2	EXPERIMENT 10:-To convert a galvanometer into an ammeter.
15	1	Observation and readings taken by the students.
	2	Verification of the observation and readings taken by the students. Sessional of the experiment 10.

Concerned Faculty: Mrs Pragyna Parimita Swain, Lecturer Stage-I in Physics