



Discipline: MATHEMATICS & SCIENCE DEPARTMENT.	Semester:1st	Name of the Teaching Faculty : MISS. RENU EKKA
Subject: APPLIED PHYSICS-I	No. of Days/per week class allotted:	Semester From Date: 06/08/2025 To Date:04/12/2025 No. of Weeks-15
Week	Class Day	Theory/Practical Topics
1 st	01	To measure length, radius of a given cylinder, a test tube and a beaker using a Vernier caliper and find volume of each object.
	02	To measure length, radius of a given cylinder, a test tube and a beaker using a Vernier caliper and find volume of each object.
	03	To measure length, radius of a given cylinder, a test tube and a beaker using a Vernier caliper and find volume of each object.
	04	To measure length, radius of a given cylinder, a test tube and a beaker using a Vernier caliper and find volume of each object.
2 nd	01	To measure length, radius of a given cylinder, a test tube and a beaker using a Vernier caliper and find volume of each object.
	02	To measure length, radius of a given cylinder, a test tube and a beaker using a Vernier caliper and find volume of each object.
	03	To measure length, radius of a given cylinder, a test tube and a beaker using a Vernier caliper and find volume of each object.
	04	To measure length, radius of a given cylinder, a test tube and a beaker using a Vernier caliper and find volume of each object.
3 rd	01	To determine diameter of a wire, a solid ball and thickness of cardboard using a screw gauge.
	02	To determine diameter of a wire, a solid ball and thickness of cardboard using a screw gauge.
	03	To determine diameter of a wire, a solid ball and thickness of cardboard using a screw gauge.

	04	To determine diameter of a wire, a solid ball and thickness of cardboard using a screw gauge.
4 th	01	To determine diameter of a wire, a solid ball and thickness of cardboard using a screw gauge.
	02	To determine diameter of a wire, a solid ball and thickness of cardboard using a screw gauge.
	03	To determine diameter of a wire, a solid ball and thickness of cardboard using a screw gauge.
	04	To determine diameter of a wire, a solid ball and thickness of cardboard using a screw gauge.
5 th	01	To determine radius of curvature of a convex and a concave mirror/surface using a spherometer.
	02	To determine radius of curvature of a convex and a concave mirror/surface using a spherometer.
	03	To determine radius of curvature of a convex and a concave mirror/surface using a spherometer.
	04	To determine radius of curvature of a convex and a concave mirror/surface using a spherometer.
6 th	01	To determine radius of curvature of a convex and a concave mirror/surface using a spherometer.
	02	To determine radius of curvature of a convex and a concave mirror/surface using a spherometer.
	03	To determine radius of curvature of a convex and a concave mirror/surface using a spherometer.
	04	To determine radius of curvature of a convex and a concave mirror/surface using a spherometer.
7 th	01	To verify triangle and parallelogram law of forces.
	02	To verify triangle and parallelogram law of forces.
	03	To verify triangle and parallelogram law of forces.
	04	To verify triangle and parallelogram law of forces.
8 th	01	To verify triangle and parallelogram law of forces.
	02	To verify triangle and parallelogram law of forces.

	03	To find the co-efficient of friction between wood and glass using a horizontal board
	04	To find the co-efficient of friction between wood and glass using a horizontal board
9 th	01	To find the co-efficient of friction between wood and glass using a horizontal board
	02	To find the co-efficient of friction between wood and glass using a horizontal board
	03	To find the co-efficient of friction between wood and glass using a horizontal board
	04	To find the co-efficient of friction between wood and glass using a horizontal board
10 th	01	To determine force constant of a spring using Hook's Law.
	02	To determine force constant of a spring using Hook's Law.
	03	To determine force constant of a spring using Hook's Law.
	04	To determine force constant of a spring using Hook's Law.
11 th	01	To determine force constant of a spring using Hook's Law.
	02	To determine force constant of a spring using Hook's Law.
	03	To determine force constant of a spring using Hook's Law.
	04	To verify law of conservation of mechanical energy (PE to KE)
12 th	01	To verify law of conservation of mechanical energy (PE to KE)
	02	To verify law of conservation of mechanical energy (PE to KE)
	03	To verify law of conservation of mechanical energy (PE to KE)
	04	To verify law of conservation of mechanical energy (PE to KE)
13 th	01	To verify law of conservation of mechanical energy (PE to KE)
	02	To verify law of conservation of mechanical energy (PE to KE)
	03	To verify law of conservation of mechanical energy (PE to KE)
	04	To verify law of conservation of mechanical energy (PE to KE)

14 th	01	To find the moment of inertia of a flywheel
	02	To find the moment of inertia of a flywheel
	03	To find the moment of inertia of a flywheel
	04	To find the moment of inertia of a flywheel
15 th	01	To find the moment of inertia of a flywheel
	02	To find the moment of inertia of a flywheel
	03	To find the moment of inertia of a flywheel
	04	To find the moment of inertia of a flywheel
	05	To find the moment of inertia of a flywheel


 Signature of the faculty