5 LESSON PLAN
DEPARTMENT OF MATH AND SCIENCE , ITT, CHOUDWAR

SUBJECT: ENGG. PHYSICS PRACTICAL   Periods: 4 per week   SEMESTER: 1st & 2nd

NAME OF FACULTY: C.R SAHOO   ACADEMIC YEAR.2022-2023

Semester From date: 25/10/2022   To Date:31/01/2023   No. of weeks: 15

Week	Class Day	Practical Topics
1st	1st	1. To find the cross sectional area of a wire using a screw gauge.
	2nd	2. To find volume of a solid cylinder using a Vernier Calipers(2)
2nd	1st	3. To find the thickness and volume of a glass piece using a screw gauge.
	2nd	4. To find the thickness and volume of a glass piece using a screw gauge(2)
3rd	1st	5. To find volume of a solid cylinder using a Vernier Calipers.
	2nd	6. To find volume of a solid cylinder using a Vernier Calipers.
4th	1st	7. To find volume of a solid cylinder using a Vernier Calipers.
	2nd	8. To find volume of a solid cylinder using a Vernier Calipers.
5th	1st	9. To determine the radius of curvature of convex surface using a Spherometer(1).
	2nd	10. To determine the radius of curvature of convex surface using a Spherometer(2).
6th	1st	11. To determine the radius of curvature of convex surface using a Spherometer(3).
	2nd	12. To determine the radius of curvature of concave surface using a Spherometer(1).
7th	1st	13. To determine the radius of curvature of concave surface using a Spherometer(2).
	2nd	14. To determine the radius of curvature of concave surface using a Spherometer(3).
8th	1st	15. To find the time period of a simple pendulum and determine acceleration due to gravity(1).

	2nd	16. To find the time period of a simple pendulum and determine acceleration due to gravity(2).
9th	1st	17. To determine the angle of Prism(1).
	2nd	18. To determine the angle of Prism(2).
10th	1st	19. To determine the angle of Minimum Deviation by I ~ D curve method(1).
	2nd	20. To determine the angle of Minimum Deviation by I ~ D curve method(2).
11th	1st	21. To determine the angle of Minimum Deviation by I ~ D curve method(3).
	2nd	22. To trace lines of force due to a bar magnet with North pole pointing North and locate the neutral points(1)
12th	1st	23. To trace lines of force due to a bar magnet with North pole pointing North and locate the neutral points(2)
	2nd	24. To trace lines of force due to a bar magnet with North pole pointing North and locate the neutral points(3)
13th	1st	25. To trace lines of force due to a bar magnet with North pole pointing South and locate the neutral points(1).
	2nd	26. To trace lines of force due to a bar magnet with North pole pointing South and locate the neutral points(2).
14th	1st	27. To trace lines of force due to a bar magnet with North pole pointing South and locate the neutral points(3).
	2nd	28. To verify Ohm's Law by Ammeter – Voltmeter method(1).
15th	1st	29. To verify Ohm's Law by Ammeter – Voltmeter method(2).
	2nd	30. To verify Ohm's Law by Ammeter – Voltmeter method(3).