LAB LESSON PLAN
JHARSUGUDA ENGINEERING SCHOOL,JHARSUGUDA

Name of the Faculty: Babita Padhi	Academic Year:
Course No.: Pr 2(a)	Course Name: Engineering Physic practical
Programe: Diploma	Branch: Civil, Mech.& Elect., ETC, IT
Year/Sem: I & II	Section: A, B, C, D, E, F

Sl. No.	Week	Time (min)	Experiments to be performed	Teaching method
1.	1st/Sept	110	Introduction and demonstration on length measuring instrument slide caliper. Conducting slide caliper experiment for finding the volume of cylinder (solid, hollow).	Chalkboard/ white board
2.	2nd /Sept	110	Demonstration on screw gauge for the measurement of length, radius, thickness. Conducting screw gauge experiment for finding the area of cross section of a wire/plane lamina.	Chalkboard/ white board
3.	3rd/ Sept	110	Demonstration on spherometer for the measurement of radius of curvature. Conducting spherometer experiment for finding the radius of curvature of a given spherical surface(convex, concave).	Chalkboard/ white board
4.	4th/Sept	110	Demonstration on prism for finding the angle of prism. Conducting prism experiments.	Drawing board
5.	1st/Oct		Demonstration on finding angle of deviation. Plotting of ID curve and finding refractive index.	Drawing board
6.	2nd/Oct		Puja Holiday.	
7.	3rd/Oct	110	Demonstration on tracing of the magnetic lines of force. Conducting magnet experiment for tracing the magnetic lines of force for a bar magnet.	Drawing board
8.	4th/Oct	110	Demonstration on pendulum for finding acceleration due to gravity. Conducting pendulum experiments for finding "g" using simple pendulum and plotting l-t^2 graph.	Chalkboard/ white board
9.	1st/Nov	110	Demonstration on verifying Ohm's law to find the resistance of a wire. Conducting experiment on verifying ohm's law by Ammeter- Voltmeter method	
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