


Branch :- Mechanical Engineering (1st se		Name of the Teaching Faculty : Salram mishra
Subject : Engg. Physics Practical	No. of Days / per week class allotted : 04	Semester From date 25/10/21 To Date : 14/02/22 No. of Weeks : 15
Week	Class Day	Theory / Practical Topics :-
1st	1st	Expt.-1 : To find the cross sectional area of a wire using a screw gauge .
	2nd	
2nd	1st	Record check and VIVA of Expt.-1
	2nd	
	1st	Expt.-2 : To find the thickness and volume of a glass piece using a screw gauge .
	2nd	
3rd	1st	Record check And viva of Expt.-2
	2nd	
	1st	Expt.-3: To find volume of a solid cylinder using a Vernier Calipers .
	2nd	
4th	1st	Record check And viva of Expt.-3
	2nd	
	1st	Expt.-4 : To find volume of a hollow cylinder using a Vernier Calipers.
	2nd	
5th	1st	Record check and viva of Expt.-4
	2nd	
	1st	Expt.-5 : To determine the radius of curvature of convex surface using a Spherometer.
	2nd	
6th	1st	Viva & Record check of Expt.-5
	2nd	
	1st	Expt.-6:To determine the radius of curvature of concave surface using a Spheromet
	2nd	
7th	1st	Viva & Record check of Expt.-6
	2nd	
	1st	Expt.-7: To find the time period of a simple pendulum and determine acceleration due to
	2nd	
8th	1st	Expt.-7 :Parctical done by Student
	2nd	
	1st	Record check And viva of Expt.-7
	2nd	
9th	1st	Expt.-8 :To determine the angle of Prism.
	2nd	
	1st	Expt.-8 :Parctical done by Student
	2nd	
10th	1st	Record check And viva of Expt.-8
	2nd	
	1st	Expt.- 9 : To determine the angle of Minimum Deviation by I ~ D curve method..
	2nd	
	1st	Expt.-9 :Parctical done by Student
	2nd	

Branch :- Mechanical Engineering (1st se		Name of the Teaching Faculty : Sairam mishra
Subject : Engg. Physics Practical	No. of Days / per week class allotted : 04	Semester From date No. of Weeks : 15 To Date :
11th	1st	Record check And viva of Expt.-9
	2nd	
	1st	Expt.-10 : To trace lines of force due to a bar magnet with North pole pointing North
	2nd	
12th	1st	Expt.-10 : Parctical done by Student
	2nd	
	1st	Record check And viva of Expt.-10
	2nd	
13th	1st	Expt.-11 : To trace lines of force due to a bar magnet with North pole pointing South
	2nd	
	1st	Record check of Expt.-11
	2nd	
14th	1st	Expt.- 12: To verify Ohm's law by Ammeter-Voltmeter method .
	2nd	
	1st	viva of Expt.- 12
	2nd	
15th	1st	Record check of Expt.-12
	2nd	
	1st	Final record check .
	2nd	

Academic Co-ordinate  
Govt. Polytechnic , Nabarangapur

  
25/11/21  
Teaching Faculty

  
Principal  
Govt. Polytechnic, Nabarangapur  
Nabarangapur