

GOVERNMENT CO.ED POLYTECHNIC RAIPUR (C.G)

LESSON PLAN

Session starts as per university calendar:

Course Name: APPLIED PHYSICS

Name of Subject Teacher: *Mrs. Kavita Sahu*

Lecturer plan T+L=3

Course code: 2000274(015)

Discipline: All Branch

Class room Instruction Start Date:

Chapter No.	Topics	Sub Topic to be covered under this unit	Total hours	No. of periods planned	Actual No of periods taken	Date of Class Conduction	Use of AV resources if any	Remarks if any
1	Units, Measurements & Error Analysis	fundamental & derived units	9	2	2	15-16/04/24	NA	
		CGS, MKS & SI		2	2	18-22/04/24		
		dimensional analysis		3	3	23(2)/26/04/24		
		types of errors		2	2	29/30/04/24		
2	Force and General Properties of Matters	types of forces	18	3	3	2(2)/3/05/24	NA	
		friction		3	3	6(2)/05/05/24		
		gravitation		3	3	15/14/15/05/24		
		viscosity		3	3	16(05)/17/05/24		
		elasticity		3	3	17(01)/18/05/24		
		surface tension		3	3	21(2)/26/05/24		
		refraction and its rules		2	2	24(2)/05/24		
		refractive index		2	2	25(02)/05/24		
3	Optics and Optical Instruments	TIR and critical angle	16	2	2	27/28/05/24	NA	
		diffraction		2	2	3(2)/06/24		
		spectrum		2	2	4(2)/06/24		
		simple microscope		2	2	5(2)/06/24		
		compound microscope		2	2	7(10)/06/24		
		astronomical telescope		2	2	12(15)/06/24		
		electrostatics		6	6	14(02)/15(02)/24		
		magnetism		6	6	20(2)/24(2)/24		
4	Electrostatics, Magnetism and Current Electricity	current and electricity	18	6	6	2(02)/4(2)/5(01)/2024	NA	
				6	6			
5	Modern Physics	photo-electric equation	16	4	4	6(02)/06/24	NA	
		LASER		3	3	10(2)/06/24/24		
		photo electric cell		3	3	11/12(02)/24		
		X-Rays		3	3	13(03)/06/24		
		ultra-sonics rays		3	3	19(03)/06/24		
		Total hours	77	77	77			

(Signature)
Principal
Govt. Co-Ed. Polytechnic
Byron Bazar, Raipur (C.G.)

