

GOVERNMENT CO.ED POLYTECHNIC RAIPUR (C.G)

LESSON PLAN

Session starts per university calendar:

Course Name: APPLIED PHYSICS

Name of Subject Teacher: Mrs. Kavya Sahu

Lecturer plan T+1 = 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 dimensional analysis		2	2	18-22/04/24		
		types of errors		3	3	23(2)/26/04/24		
		types of forces		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)/8/05/24		
		gravitation		3	3	15/14/15/05/24		
		viscosity		3	3	16(02)/17/05/24		
		elasticity		3	3	17(02)/18/05/24		
		surface tension		3	3	21(2)/22/05/24		
3	Optics and Optical Instruments	refraction and its rules	16	2	2	24(2)/05/24	NA	
		refractive index		2	2	25(02)/05/24		
		TIR and critical angle		2	2	27/28/05/24		
		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	12/13/06/24		
4	Electrostatics, Magnetism and Current Electricity	electrostatics	18	6	6	14(02)/15(02)/18/24	NA	
		magnetism		6	6	20(2)/24(2)/28/24		
		current and electricity		6	6	2(02)/4(2)/5(02)/20/24		
5	Modern Physics	photo-electric equation	16	4	4	6(02)/9/04/24	NA	
		LASER		3	3	10(2)/06/24/22		
		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			