

"PVC" NSSK GOVT POLYTECHNIC BILASPUR
PLANNED THEORY SYLLABUS COVERAGE

Department: Mechanical Engg.			Subject: Machine Drawing -II			
Sem. & Branch: 4th / Mec h. Engg.			Duration: 3 Year			
Syllabus coverage		Total periods:-84			Practical : Yes	
SR. NO	Period no	Topic	Details	Instruction Reference	Additional study	Remarks
1	1-16	Boiler Parts	1. Steam stop valve 2. Blow off cock (Sheet : 1 ,2)	1. Machine Drawing by P.S. Gill, S.K. Kataria & Sons 2. Machine drawing by R.K. Dhawan, S. Chand and Co.	1. Machine Drawing by P.S. Gill, S.K. Kataria & Sons 2. Machine drawing by R.K. Dhawan, S. Chand and Co.	
2	17-32	Engine Parts	1 Piston with connecting rod assembly. 2 Crankshaft and fly wheel assembly (Car Engine) (Sheet : 3 ,4)			
3	33-36	Lathe Tool Holder	Lathe Tool Holder (Sheet : 5)			
4	37-44	Vices	1 Bench Vice (details/ assembly) 2 Machine Vice (details/assembly) (Sheet :6 ,7)			
5	45-49	Drill Jig (Details and assembly)	Drill Jig (Details and assembly) (Sheet :8)			
6	50-64	Cams and Followers	Profile of cams for imparting following motions with knife edge and roller followers: 1 Uniform motion 2 Simple harmonic motion (Sheet :9 ,10)			
7	65-76	Gears	1 Use of different types of gears 2 Spur gears with actual profile of in volute teeth. 3 Conventional representation of bevel gear, worm and worm wheel.			

Approved	Sign HOD/JOC
Date: 10-02-2023	