

LESSON PLAN FOR SUMMER SESSION (2024-25)

PROGRAMME : CIVIL ENGINEERING			NAME OF THE FACULTY: MR. ARABINDA SAHU
COURSE NAME : CONSTRUCTION WORKS PRACTICE & MS PROJECT			SESSION : 2024-25 (S)
COURSE CODE : PR.1			DATE : 04/02/25 To 17/05/25
SEMESTER : 6TH			
PERIODS/WEEK: 5			
TOTAL PERIODS:75			
WEEK	PERIODS (2 / 3 Hr.)	UNITS	TOPICS
Feb. 1st Week	2	1 of Part-I	PART-I CONSTRUCTION WORK PRACTICES
	5	1 of Part-I	1. Study of tools required for construction of masonry.
Feb. 2nd Week	7	2 of Part-I	1. Study of tools required for construction of masonry.
	10	3 of Part-I	2. Lay out Plan of a building
Feb. 3rd Week	13	4 of Part-I	3. Construction of 1 & 1 ½ Brick thick walls in English Bond in Mud mortar including a corner.
	15	5 of Part-I	4. Construction of 1 & 1 ½ Brick thick Pillar in Mud mortar.
Feb. 4th Week	18	6 of Part-I	5.Bar bending and fabrication of reinforcements for a beam.
	20	7 of Part-I	6.Bar bending and fabrication of reinforcements for a slab.
	23	8 of Part-I	7.Bar bending and fabrication of reinforcements for a lintel with chajja.
Mar. 1st Week	25	9 of Part-I	8.Bar bending and fabrication of reinforcements for a column.
			9. Conducting a Non destructive compressive strength test on concrete beam using rebound Hammer as per I.S:1311(Part-2)-1992.
Mar. 2nd Week	28	10 of Part-I	10.Study of pipe joints and plumbing fixtures.
	30		Record check & Viva-voce
Mar. 3rd Week	33	1 of Part-II	PART-II MS PROJECT
			1. Introduction to Microsoft Project
	35	1 of Part-II	1.1 Project Management-Definition & concept
Mar. 4th Week	38	1 of Part-II	1.2 Features of Microsoft project
	40	1 of Part-II	1.3 MS project scheduling for engineering
Apr. 1st Week	43	2 of Part-II	1.3 MS project scheduling for engineering
	45	2 of Part-II	2. Creating a project plan
Apr. 2nd Week	48	2 of Part-II	2.1 Basic information for a new project
	50		2.2 Creating project from a blank
			2.3 Creating project from existing
Apr. 3rd Week	53	3 of Part-II	Record check & Viva-voce
	55	3 of Part-II	3.Basics of Microsoft Project
Apr. 4th Week	58	3 of Part-II	3.1 Estimating a project
	60	3 of Part-II	3.2 Project Task
May. 1st Week	63	4 of Part-II	3.3 Project Resources
	65	5 of Part-II	3.3 Project Resources
May. 2nd Week	68	5 of Part-II	4. Tracking the project progress
	70	6 of Part-II	5. Project Reporting
May. 3rd Week	73	11 of Part-I	5. Project Reporting
	75		6. Custom views and field
			11 Field visits:
			Visit to a construction site of a building
			Record check & Viva-voce

Arabinda Sahu
31-25/11/25
Concern faculty

Sahu
3/2/25
HOD
Civil engineering

Academic Coordinator
GP Nabarangpur

Principal
GP Nabarangpur