


LESSON PLAN : Pr 1. CONSTRUCTION WORKS PRACTICE & MS PROJECT

Discipline: Civil Engineering	Semester: 3rd	Name of the Teaching Faculty: Ashish Nayak, Lect in Civil Engineering
Subject: Pr 1. CONSTRUCTION WORKS PRACTICE & MS PROJECT	No. of days/ per week class allotted: 5	Semester From Date : 14-02-2024 to Date: 21-05-22
Week	Class Day	No. of Weeks: 15
Theory/ Practical Topics		
1ST	1	PART I: Construction work Practices
	2	Study of tools required for construction of masonry.
	3	Study of tools required for construction of masonry.
	4	Lay out Plan of a building
	5	Lay out Plan of a building
2ND	1	Practical Record Checking
	2	Construction of 1 & 1 ½ Brick thick walls in English Bond in Mud mortar including a corner.
	3	Construction of 1 & 1 ½ Brick thick Pillar in Mud mortar.
	4	Construction of 1 & 1 ½ Brick thick Pillar in Mud mortar.
	5	Bar bending and fabrication of reinforcements for a beam.
3RD	1	Bar bending and fabrication of reinforcements for a beam.
	2	Bar bending and fabrication of reinforcements for a slab.
	3	Bar bending and fabrication of reinforcements for a slab.
	4	Bar bending and fabrication of reinforcements for a lintel with chajja.
	5	Bar bending and fabrication of reinforcements for a lintel with chajja.
4TH	1	Practical Record Checking
	2	Bar bending and fabrication of reinforcements for a column.
	3	Bar bending and fabrication of reinforcements for a column.
	4	Hammer as per I.S:1311(Part-2)-1992.
	5	Hammer as per I.S:1311(Part-2)-1992.
5TH	1	Practical Record Checking
	2	Study of pipe joints and plumbing fixtures.
	3	Study of pipe joints and plumbing fixtures.
	4	Field visits:Excavation of foundation
	5	Field visits:Masonry works
6TH	1	Field visits:Plumbing works
	2	Field visits:Painting (interior/ exterior)
	3	Field visits:Wood works
	4	Field visits:Fabrication & concreting works
	5	Field visits:Flooring
		Practical Record Checking
7TH	1	PART II: MS Project
	2	Project Management-Definition & concept
	3	Project Management-Definition & concept
	4	Features of Microsoft project
	5	Features of Microsoft project
8TH	1	MS project scheduling for engineering
	2	MS project scheduling for engineering
	3	Practical Record Checking
	4	Creating a project plan
	5	Creating a project plan
9TH	1	Basic information for a new project
	2	Basic information for a new project
	3	Creating project from a blank



	4	Creating project from a blank
	5	Creating project from a blank
10TH	1	Creating project from existing
	2	Creating project from existing
	3	Creating project from existing
	4	Practical Record Checking
	5	Practical Record Checking
11TH	1	Practical Record Checking
	2	Basics of Microsoft Project
	3	Estimating a project
	4	Estimating a project
	5	Estimating a project
12TH	1	Project Task
	2	Project Task
	3	Project Task
	4	Project Resources
	5	Project Resources
13TH	1	Project Resources
	2	Tracking the project progress
	3	Tracking the project progress
	4	Tracking the project progress
	5	Practical Record Checking
14TH	1	Project Reporting
	2	Project Reporting
	3	Project Reporting
	4	Project Reporting
	5	Custom views and field
15TH	1	Custom views and field
	2	Custom views and field
	3	Practical Record Checking
	4	Practical Record Checking
	5	Practical Record Checking


 19/12/2023
 (Lect in Civil)


 14/12/2023

