

Academic lesson plan for 6th semester civil engg.

Course- Construction Workshop Practice and MSP
Course Code-C313

SP/Week

Session:

20245

Week	Periods	Unit/Chapter	Topics to be covered
1 st	3	1	Study of tools required for construction of masonry.
	2	1	Study of tools required for construction of masonry.
2 nd	3	2	Lay out Plan of a building.
	2	3	Construction of 1 & 1 ½ Brick thick walls in English Bond in Mud mortar including a corner.
3 rd	3	4	Construction of 1 & 1 ½ Brick thick Pillar in Mud mortar.
	2	5	Bar bending and fabrication of reinforcements for a beam.
4 th	3	6	Bar bending and fabrication of reinforcements for a slab.
	2	7	Bar bending and fabrication of reinforcements for a lintel with chajja.
5 th	3	8	Bar bending and fabrication of reinforcements for a column.
	2	9	Conducting a Non destructive compressive strength test on concrete beam using rebound Hammer as per I.S:1311(Part-2)-1992.
6 th	3	10	Study of pipe joints and plumbing fixtures.
	2	11	Field visits: *Visit to a construction site of a building where the following works are in progress. Excavation of foundation, b) Masonry works, c) Plumbing works d) Painting (interior/ exterior), e) Wood works, f) Fabrication & concreting works, g)Flooring
7 th	3	1	Introduction to Microsoft Project 1.1 Project Management-Definition & concept 1.2 Features of Microsoft project
	2	1	1.3 MS project scheduling for engineering

8 th	3	2	Creating a project plan 2.1 Basic information for a new project 2.2 Creating project from a blank
	2	2	2.3 Creating project from existing
	3	3	Basics of Microsoft Project 3.1 Estimating a project
9 th	2	3	3.2 Project Task
	3	3	3.3 Project Resources
10 th	2	3	3.3 Project Resources
	3	4	Tracking the project progress
11 th	2	4	Tracking the project progress
	3	5	Project Reporting
12 th	2	5	Project Reporting
	3	5	Project Reporting
13 th	2	6	Custom views and field
	3	6	Custom views and field
14 th	2	6	Custom views and field
	3		Practice
15 th	2		Practice

Chinmaya Mahavasa
D-13/1/24

(Signature)
13/1/2024