

PROGRAMME : CIVIL ENGINEERING
COURSE NAME : CWP & MS PROJECT
COURSE CODE : PR-1
SEMESTER : 6TH
PERIODS/WEEK : 5
TOTAL PERIODS : 75

NAME OF THE FACULTY: UTKALIKA PRADHAN
SESSION : 2020-2021
DATE : 05-04-2021 to 30.06.2021

WEEK	CLASS	TOPICS
1	1	Study of tools required for construction of brick masonry.
	2	Study of tools required for construction of stone masonry.
2	1	Lay out Plan of a building: theory regarding plan of a building
	2	Lay out Plan of a building: Practical
3	1	Construction of brick walls: Theory about different types of brick bond
	2	Construction of 1 & 1 ½ Brick thick walls in English Bond in Mud mortar including a corner(Practical)
4	1	Construction of 1 & 1 ½ Brick thick Pillar in Mud mortar(Practical)
	2	Formwork fabrication: Theory
5	1	Bar bending and fabrication of reinforcements for a beam
	2	Bar bending and fabrication of reinforcements for a slab
6	1	Bar bending and fabrication of reinforcements for a lintel with chajja
	2	Bar bending and fabrication of reinforcements for a column
7	1	Non-destructive tests for concrete: Theory
	2	Conducting a Non destructive compressive strength test on concrete beam using rebound Hammer as per I.S:1311(Part-2)-1992.
8	1	Pipe joints and Plumbing fixtures: Theory
	2	Study of pipe joints and plumbing fixtures.
9	1	Field visits: Visit to a construction site of a building
	2	Introduction to Microsoft Project
10	1	Project Management-Definition & concept
	2	Features of Microsoft project
11	1	MS project scheduling for engineering
	2	Basic information for a new project
12	1	Creating project from a blank
	2	Creating project from existing
13	1	Estimating a project
	2	Project Task
14	1	Project Resources
	2	Tracking the project progress
15	1	Project Reporting
	2	Custom views and field