

## LESSON PLAN FOR SUMMER SESSION (2022-23)

PROGRAMME : CIVIL ENGINEERING			NAME OF THE FACULTY: MR. ARABINDA SAHU
COURSE NAME : CONSTRUCTION WORKS PRACTICE & MS PROJECT			SESSION : 2022-23
COURSE CODE : PR.1			DATE : 14/02/23 To 23/05/23
SEMESTER : 6TH			Total Week-14
PERIODS/WEEK: 5			
TOTAL PERIODS:70			
WEEK	PERIODS( Hr.)	UNITS	TOPICS
Feb. 3rd Week	3	1 of Part-I	PART-I CONSTRUCTION WORK PRACTICES Study of tools required for construction of masonry. 1.
	5	2 of Part-I	2. Lay out Plan of a building
Feb. 4th Week	8	3 of Part-I	3. Construction of 1 & 1 ½ Brick thick walls in English Bond in Mud mortar including a corner
	10	4 of Part-I	4. Construction of 1 & 1 ½ Brick thick Pillar in Mud mortar.
Mar. 1st Week	13	5 of Part-I	5. Bar bending and fabrication of reinforcements for a beam.
	15	6 of Part-I	6. Bar bending and fabrication of reinforcements for a slab.
Mar. 2nd Week	18	7 of Part-I	7. Bar bending and fabrication of reinforcements for a lintel with chajja.
	20	8 of Part-I	8. Bar bending and fabrication of reinforcements for a column.
Mar. 3rd Week	23		Record check & Viva-voce
	25	9 of Part-I	9. Conducting a Non destructive compressive strength test on concrete beam using rebound Hammer as per I.S:1311(Part-2)-1992.
Mar. 4th Week	28	10 of Part-I	10. Study of pipe joints and plumbing fixtures.
	30	1 of Part-II	PART-II MS PROJECT Introduction to Microsoft Project Project Management-Definition & concept 1. 1.1
Apr. 1st Week	33	1 of Part-II	1.2 Features of Microsoft project
	35	1 of Part-II	1.3 MS project scheduling for engineering
Apr. 2nd Week	38	2 of Part-II	2. Creating a project plan Basic information for a new project 2.1
	40	2 of Part-II	2.2 Creating project from a blank
Apr. 3rd Week	43		Record check & Viva-voce
	45	2 of Part-II	2.3 Creating project from existing
Apr. 4th Week	48	3 of Part-II	3. Basics of Microsoft Project Estimating a project 3.1
	50	3 of Part-II	3.2 Project Task
Apr. 5th Week	53	3 of Part-II	3. Basics of Microsoft Project Estimating a project 3.1
	55	3 of Part-II	3.2 Project Task
May. 1st Week	58	3 of Part-II	3.3 Project Resources
	60	4 of Part-II	4. Tracking the project progress
May. 2nd Week	63	5 of Part-II	5. Project Reporting
	65	6 of Part-II	6. Custom views and field
May. 3rd Week	68	11 of Part-I	11 Field visits:
	70		Record check & Viva-voce

Arabinda Sahu  
Concern faculty

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13.2.23  
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