

KIIT POLYTECHNIC, BHUBANESWAR

LESSON PLAN

Session (2023 -2024)

Discipline: Civil Engineering	Semester: 6th, S/24	Name of the faculty: Abhijeet Prasad Dash Email ID: abhijeetfce@kp.kiit.ac.in
Subject: Construction Works Practice & MS Project (Pr.1)	No. of Days/week: 02 (5 periods) Experiments will be performed in small group of 5 to 6 students	Start Date: 16.01.2024 End Date: 26.04.2024

Week	Class Day	Practical Topics
1st	1st	Construction Fundamentals
	2nd	Masonry construction Details Presentation
2nd	1st	Tools Used in Masonry Construction (part-1)
	2nd	Students Presentation on tools used in construction
3rd	1st	<ul style="list-style-type: none">• Lay out Plan of a building Description• Demonstration of 1 brick thick wall• Construction of 1 brick thick wall using English Bond• Construction of 1½ brick thick wall using English Bond
	2nd	<ul style="list-style-type: none">• Lay out Plan of a building Description• Demonstration of 1 brick thick wall• Construction of 1 brick thick wall using English Bond• Construction of 1½ brick thick wall using English Bond
4th	1st	<ul style="list-style-type: none">• Lay out Plan of a building Description• Demonstration of 1 brick thick wall• Construction of 1 brick thick wall using English Bond• Construction of 1½ brick thick wall using English Bond
	2nd	<ul style="list-style-type: none">• Lay out Plan of a building Description• Demonstration of 1 brick thick wall• Construction of 1 brick thick wall using English Bond• Construction of 1½ brick thick wall using English Bond
5th	1st	<ul style="list-style-type: none">• Repeat Class/ Evaluation

	2nd	<ul style="list-style-type: none"> • Construction of 1 brick thick pillar using English Bond using Mud Mortar • Construction of 1½ brick thick pillar using English Bond • Bar bending of reinforcements - Description for a beam • Bar bending and fabrication of reinforcements for a Slab
6th	1st	<ul style="list-style-type: none"> • Construction of 1 brick thick pillar using English Bond using Mud Mortar • Construction of 1½ brick thick pillar using English Bond • Bar bending of reinforcements - Description for a beam • Bar bending and fabrication of reinforcements for a Slab
	2nd	<ul style="list-style-type: none"> • Construction of 1 brick thick pillar using English Bond using Mud Mortar • Construction of 1½ brick thick pillar using English Bond • Bar bending of reinforcements - Description for a beam • Bar bending and fabrication of reinforcements for a Slab
7th	1st	<ul style="list-style-type: none"> • Construction of 1 brick thick pillar using English Bond using Mud Mortar • Construction of 1½ brick thick pillar using English Bond • Bar bending of reinforcements - Description for a beam • Bar bending and fabrication of reinforcements for a Slab
	2nd	<ul style="list-style-type: none"> • Repeat Class/ Evaluation
8th	1st	<ul style="list-style-type: none"> • Demonstration of Non-destructive compressive strength • Study of pipe joints and plumbing fixtures • Field visits Excavation of foundation, Masonry works • Project Management-Definition & concept
	2nd	<ul style="list-style-type: none"> • Demonstration of Non-destructive compressive strength • Study of pipe joints and plumbing fixtures • Field visits Excavation of foundation, Masonry works • Project Management-Definition & concept
9th	1st	<ul style="list-style-type: none"> • Demonstration of Non-destructive compressive strength • Study of pipe joints and plumbing fixtures • Field visits Excavation of foundation, Masonry works • Project Management-Definition & concept
	2nd	<ul style="list-style-type: none"> • Demonstration of Non-destructive compressive strength

		<ul style="list-style-type: none"> • Study of pipe joints and plumbing fixtures • Field visits Excavation of foundation, Masonry works • Project Management-Definition & concept
10th	1st	<ul style="list-style-type: none"> • Demonstration of Non-destructive compressive strength • Study of pipe joints and plumbing fixtures • Field visits Excavation of foundation, Masonry works • Project Management-Definition & concept
11th	2nd	Features of Microsoft project, MS project scheduling for engineering
12th	1st	Creating a project plan- Basic information for a new project
	2nd	Basics of Microsoft Project- Estimating a project
13th	1st	Creating a project plan- Basic information for a new project
	2nd	Basics of Microsoft Project- Estimating a project
14th	1st	Repeat Class/ Evaluation
	2nd	Repeat Class/ Evaluation