

Course Code	Course Name	Course Type	Cd	L	T	P	Marks		
							Sessional	Final Exam	Total
CE-612	Construction Planning and management Lab	PCC	1	0	0	2	50	0	50

**Course Outcomes:**

At the end of the course the student will be able to:	
CO1	Create a Construction project.
CO2	Develop Planning and Scheduling for any building.
CO3	Prepare reports and source sheet.
CO4	Calculate the cost of construction.
CO5	Draw variance graphs of any project.

**List of Experiments for Construction Planning and management Lab:**

S. No.	Experiments
1	Creating Projects.
2	Defining the Calendars for any Created projects.
3	Defining the Project Breakdown Structures and Adding Activities
4	Adding the Logic Links Constraints.
5	Risk Analysis Contingent Time.
6	Scheduling the Project Formatting the Display–Layouts and Filters.
7	Printing and Reports.
8	Planning and Scheduling of a single Room through Primavera.
9	Planning and Scheduling of a double room through Primavera.
10	Planning and Scheduling of Single storey building through Primavera.
11	Planning and Scheduling of Multi storied building through Primavera.
12	Planning and scheduling of Road Project through Primavera.
13	Prepare the resource sheet through Primavera.
14	Assign and level the resource through Primavera.
15	Preparing different reports available in Primavera.
16	Plot the variance graphs for the given Project.