

PGD in Real Estate Construction Management		Trimester II	
Building Planning and Design		Code : RECM 08	
Periods per week		Lecture	03
		Practical	02
		Tutorial	--
Evaluation Scheme		Hours	Marks
	Term End Exam (Theory)	03	100 (Weightage 50 %)
	Internal Continuous Assessment	--	50(Weightage 100%)
	Test	1	20
	Quiz/Viva/Presentations/Group work based on assignments given by faculty.	--	30
Objectives	<ul style="list-style-type: none">To understand reading and interpretation of civil engineering drawing while supervising construction.To realize the importance for preparation of working drawings in design and drawing section as a executive and also interpret drawings for estimating.		
Outcome	After successful completion of the course, students will be able to: <ul style="list-style-type: none">Understand and read different drawingsEvaluate the utility of drawings and planning for further processes		
Detailed Syllabus			
Units	Topics		Duration (Hrs.)
1	Terminology : Technical terms commonly used in Civil Engineering Drawing, development of line plan in to detailed drawing, General principles of layout, proportioning, composition, functional treatment and massing as applied to the buildings of various types.		04

Units	Topics	Duration (Hrs.)
2	Different Types of Plans: Floor Plans, Framing Plans, Foundation Plans, Mechanical Plans, Cross Section and Elevation, Site Plans.	04
3	Reading and Interpretation of Drawings: Architectural, Structural, MEP and Approval Plans.	03
4	Principles of Planning for Various Types of Buildings: Hospitals, hostels, shops, public health centers, theatres, suburban , post offices, market, holiday, hotels, primary schools, small factories, office buildings, scheduled banks, service apartments etc.	06
5	Detailing of Interiors of All Types of Buildings.	05
6	Perspective Drawing. Computer based	03
7	Demonstration of Computer Aided Drawings.	05
	Total	30

Text Books:

1. Bhavikatti S.S. (2015) “Building Planning and Drawing” I K International Publishing.
2. Kumarswami N. (2013) “Building Planning and Drawing” Charotar Publications.

References:

1. Coles E. (2000) “Planning and Monitoring Design Work” Longman Publications.
2. Khanna P. (2012) “Indian Practical Civil Engineers Handbook” UBS Publications.

Internal Continuous Assessment

1. One class test based on the above syllabus.
2. Quiz, viva, presentation, Group work, based on assignments given by faculty.