2061 - ARCHITECTURAL DRAWING - II

Teaching Schedule Per Week			Progressive Assessment		Examination Schedule (Marks)			
					Theory		Practical Ex.	Total
Lectures	Practical	Credit						
--	8	8	50	--	--	--	50	100

Pre-requisite	Source
2056, 2057, 2058.	ARC

Semester	Theory	Test	Total	TW	PR	Gr Total
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RATIONALE: - The aim of this curriculum is to help students understand the relationship of circulation patterns & spaces which will help them develop a link between the given spaces viz – living, dining, kitchen in a residence to form a whole multiple structure & also understand presentation techniques.

COURSE CONTENTS	Hrs	Mks
1. STUDY OF SPACE & CIRCULATION PATTERNS Introduction to terms: - Functional space, architectural space, external & internal space. 2. Study of various circulation patterns viz.: - Horizontal - linear, peripheral, spiral, centrifugal etc. Vertical	20	10
2. RELATIONSHIP OF CIRCULATION PATTERN & SPACE To conduct a case study of an existing building, identify space & circulation patterns studied in chapter - 1.	24	20
3. STUDY OF FACTORS Aesthetic, Functional: - To develop size and location of stairs/ windows/ doors/ entrance treatments / cornices / brackets with reference to historical background.	28	20
4. DEVELOPMENT OF A MULTICELL STRUCTURE A small residential unit, a small office, a small exhibition space etc. on given requirements.	28	25
5. RENDERING TECHNIQUES Rendering techniques using pencil & radiograph as medium.	28	25
Total		100

METHOD OF TEACHING:

Through slides showing elements mentioned in chapter (III) with historical background.
Measured drawings through site visits of elements mentioned in chapter (III)

TERM WORK:

1. Study of spaces in sketch form – one sheet
2. Study of circulation in sketch form through site visits - one sheet.
3. Drawing of existing building plan & showing relationship of circulation patterns & spaces. One sheet
4. Four sheets for topic Sr. No. III
5. Two sheets on Sr. No. IV.
6. Two sheets on Sr. No. V

REFERENCE BOOKS: -

1. Neuferts Data - Building types.
2. Time saver standards - Building Types.
3. Form & Space in Architecture Francis D. K. Cing.
4. Fundamentals of Architecture V. S. Pramar.
5. C.B.R.I. Publications Roorkee.