

4527 - ARCHITECTURAL DRAWING - IV									
Teaching Schedule Per Week			Progressive Assessment		Examination Schedule (Marks)				
Lectures	Practical	Credit			Theory		Practical Ex.	Total	
—	8	8	100	—	—	—	50	150	
Pre-requisite		Source	Semester	Theory	Test	Total	TW	PR	Gr Total *
2060 & 4522		ARC		—	—	—	50	50	100

RATIONALE: The curriculum aims at training students in developing a sketch plan for a multi-storeyed building considering calculation of floor areas coverage, composition in elevation and building services

COURSE CONTENTS

	Hrs	Mks
1. STUDY OF TYPES OF VERTICAL ACCESS CORES Types of service cores. Study of parking layouts. Emergency escapes.	24	20
2. DEVELOPMENT OF SKETCH PLAN OF A (MULTISTOREYED UPTO G+3) BUILDING. By drawing elevations, sections and isometrics of projects like Office building, Apartment building etc	40	40
3. DEVELOPMENT OF SKETCH PLAN OF CLUSTER DESIGNS By drawing plans, elevations, sections and site planning of projects.	32	20
4. RENDERING TECHNIQUES IN COLOUR MEDIUM Watercolours, poster colours, photographic colours.	32	20

TERM WORK:

- 2 Sheets on chapter 1.
- One project on chapter 2 with model.
- One project on chapter 3.
- Rendering of one project done in chapter 2 and 3.

METHOD OF TEACHING:

Site visits shall be carried out to study components of existing multistoreyed building with measurements of details of staircase, parking layouts.
Exposure to drawings of existing multistoreyed building.
Exposure to slides and photographs.

REFERENCE BOOKS:

1. Forms and space in Architecture. D.K.Ching.
2. Fundamentals of Architecture. V.S.Pramar.

