

302D - BASIC DESIGN										
Teaching Schedule Per Week			Progressive Assessment	Examination Schedule (Marks)						
Lectures	Practical	Credit		Theory			Practical Ex.		Total	
-	4	4	50	--	-	-	50		100	
Pre-requisite		Source	Semester	Theory	Test	Total	TW	PR	Gr Total	
Nil		ARC		-	-	-	50	50	100	

Rationale: - This curriculum aims at understanding the various principles of composition and graduate into handling a single volume architectural design problem

COURSE CONTENTS		Hrs	Mks
<b>1. ELEMENTS OF FORM</b>		4	5
Introduction to point lines shapes and form. Characteristics of each. Types of lines and expression of lines. Primary shapes and forms, regular and irregular shapes.			
<b>2. PRINCIPLES OF COMPOSITIONS:</b>		12	8
Different expressions in a composition of shapes and forms like focus, axis, symmetry, hierarchy, rhythm, balance, contrast, texture etc.			

<b>3. PROPORTIONS AND SCALE:</b>	12	8
1 Proportions: - Definitions, Neutral, Emphatic and Indeterminate proportions. Types (structural, manufactured, and aesthetic proportions). Visual effect of proportions.		
2. Scale: -Definitions, Types of scale – Human, Generic, Anthropometric proportions – Human body and activities,. Architectural space and its scale – Properties and qualities, Qualities of openings- function & orientation, climatic and aesthetic relevance		
<b>4 FORM AND SPACE</b>	4	5
1. Form and space organisations (additive, subtractive groupings.)		
2. Spatial relationships- Types (adjacent, linked & intersecting spaces).		
3. Clustered spaces-Types (linear, radial etc)		
<b>5.COLOUR:</b>	8	8
Characteristics, Primary, Secondary and Tertiary colours, Monochromes, greyscale, colour wheels, Psychological effect of colour, Use of colour in design and its importance.		
<b>6.DESIGN PROBLEM:</b>	24	16
A small-scale design problem is to be tackled to bring out the aspect of form characterising the principles of design composition relevant to the topic. Topics that can be considered are Milk-booth, Telephone booth, Bus stop, Watchman's cabin, Juice counter etc.		
Total	?	100

#### TERMWORK/PRACTICALS:

Outdoor sketching exercises of natural elements –A3 size paper – 2 sheets.  
 Expression of lines in composition – A3 size paper – 2 sheets.  
 Exercises on Chapter 2 – A3 size paper – 2 sheets.  
 Exercises on Chapter 3 – A3 size paper – 2 sheets.  
 Exercises on Chapter 4 – A3 size paper – 2 sheets. Working on any one design problem as in chapter 5 and drawing the necessary plan, elevation, sections and model. – A3 size paper.

#### METHOD OF TEACHING:

Outdoor sketching trips shall be conducted to improve the visual perception and drawing ability of the student. Visual aid is also to be used to improve and indulge a sense of Aesthetics in students. Case study visits shall be conducted for chapter 4 & 5 for better evaluation and understanding of the design requirements.

#### REFERENCE BOOKS

1. Architecture - Form, Space and Order. D.K. Ching.
2. Architecture Fundamentals. V.S.Pramar.
3. A visual dictionary of Architecture D.K. Ching.
4. Design through discovery Marjorie Elliot Bevin.
5. Art in everyday life Harriet Goldstein.
6. Vetta Goldstein.

