

BASIC DESIGN – II
(DESIGN STUDIO– II)
BEG 119 AR

Year: I

Semester: II

Teaching schedule Hours/Week					Examination Scheme				Internal Assessments		Total marks
					Final						
					Theory		Practical		Theory Mark	Practical Mark	
					Duration	Mark	Duration	Mark			
Cr.hr	L	Tu	P	T							
4	2	-	6	8	-	-	-	-	-	150	150

Course Objectives:

To consolidate the basis design knowledge acquired in previous semester and to understand various determinants of form development in two and three- dimensional aspects. To use drawings and models as a means to support and communicate basic design studio projects.

Course Topics:

1. Following determinants are to be understood at this stage. **10 hrs**
 - 1.1. Human use- fit, movement, accommodation of activities, socio- cultural needs etc.
 - 1.2. Systems – Technology, materials , structure and forms, natural, mechanical systems
 - 1.3. Economic constraints—built environment in association with sociology, housing, women and children in building activities.
 - 1.4. Programmatic requirements

2. Human behavior and use of space, expression of materials in design, understanding of human psychology and built environment. **8 hrs**
 - 1.1. Form on relation to color, light and texture,
 - 1.2. Climate and site conditions
 - 1.3. Structural needs materials etc.

3. Understanding of various types of spaces in residential building, inter-relationship and analysis. **8 hrs**

4. Visual design and visual arts. **4 hrs**
Consolidation and further practice on visual design and visual arts aspects of basic design.

References:

1. Ching Francis: Architecture: Form, Space and Order.
2. S.S Gangopadhyay: Architecture for everyone.
3. Peter Dormer: The Meanings of Modern Design, Towards the 21st Century.
4. Deasy, C.M.: Designing Places for People.
5. Gibson, James: The Senses Considered as Perceptual Systems.
6. Hall,Edward: The Hidden Dimension.
7. Laseua, Paul: Graphic thinking for Architects and Designers.
8. Nelson George: How to See.
9. Saarinen, Thomas: Environmental Planning: Perception Systems.
10. Sommer, Robert: Personal Space.
11. Dora P.Crouch,June G. Johnson; Traditions In Architecture.

12. Geoffrey H Baker: Design Strategies in Architecture.