Lok Jagruti Kendra University
University with a Difference

Diploma
in
Architectural Assistantship

LJ Polytechnic

Course Code:025080106

Basic Design

Programme / Branch Name		Diploma in Architectural Assistantship			
Course Name	Basic Design			**Course Code**	025080106
Course Type	HSSC	BSC	ESC	PCC	OEC	PEC

Legends: HSSC: Humanities and Social Sciences Courses BSC: Basic Science Courses
ESC: Engineering Science Courses PCC: Program Core Courses
OEC: Open Elective Courses PEC: Program Elective Courses

1. Teaching and Evaluation Scheme

Teaching Hours / Week / Credits				Evaluation Scheme			
L	**T**	**P**	**Total Credit**	**CCE**	**SEE (Th)**	**SEE (Pr)**	**TOTAL**
0	0	4	2	50	-	50	100

Legends:

L: Lectures   T: Tutorial   P: Practical
CCE: Continuous & Comprehensive Evaluation
SEE (Th):   Semester End Evaluation (Theory)
SEE (Pr):   Semester End Evaluation (Practical)

2. Prerequisites

✓ Basic understanding of sketches & colours

3. Rationale

This subject Basic Design has its importance in introducing the student to free-hand drawing of object/ building, with the help of site visits, they can express their ideas through free-hand sketches. Knowledge of colour schemes & compositions helps the student to in still life into their drawings/sketches. Basic Design has its importance in the Development of Concept. Basic Design as a whole provides a strong platform to enable the student to develop creative ideas for their architectural design subject. All architectural designs are presented with the help of drawings and models. While drawings like plans, sections & elevations help one to understand the design two-dimensionally.
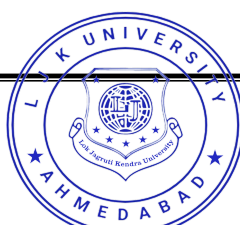
4. Objectives

✓ Analysis of visual impressions and representation in various media.
✓ 2D and 3D composition.
✓ To develop presentation skills, visual expression and representation, imaginative thinking and creativity through hands-on working with various mediums and materials.
✓ To familiarize the students with the various mediums and techniques of art through which artistic expression can be achieved.
✓ To familiarize students with the grammar of art by involving them in a series of freehand exercises both indoor and outdoor to understand the form, proportion, scale, etc.
✓ To involve students in a series of exercises that look at graphic and abstract representations of art.

5. Contents

Unit No.	Unit Name	Topics	Learning Outcomes	% Weightage	Hours
1.	**Types of Lines and Shapes**	1.1. Importance of Basic Design 1.2. Types of Lines and Their Expressions Through Use (Weightage) in The Drawing 1.3. Types of Shapes (Freehand)	• Prepare Horizontal, Vertical & Diagonal Lines	07	04
2.	**Sketches**	2.1. Sketches of Given Objects to Different Scale and Proportion 2.2. Sketches of Objects/ Scenes from Memory (Perspective) 2.3. Sketches of Buildings Showing Shades, Shadows and Texture	• Prepare Sketches of Varius Objects	36	20
3.	**Colours**	3.1. Colour Wheel and Colour Schemes 3.2. Visual and Psychological Effects of Colour	• Understating of Colour and Learning of Visual and Psychological Effects of Colour	21	12
4.	**Composition**	4.1. Colour Composition 4.2. Two-Dimensional Composition with Different Materials (Colour Card Sheets and Chart Papers)	• Prepare a Colour Composition	18	10
5.	**Development of Story on Sheet**	5.1. Storytelling with Help of Geometric Shapes and Lines	• Development of Story on Sheet	18	10
			Total Hours		**56**

6. List of Practicals / Exercises

The practicals/exercises have been properly designed and implemented in an attempt to develop different types of skills, so that students can acquire the competencies/programme outcomes. Following is the list of practicals/exercises.

Sr. No.	Practicals / Exercises	Key Competency	Hours
1.	Draw freehand horizontal, vertical & diagonal lines.	Proper understanding of lines and its intensity.	04
2.	Draw compositions in rectangle using geometrical shapes.	Proper understanding of compositions.	20
3.	Draw color compositions in rectangle using geometrical shapes.	Proper understanding of colour compositions.	12
4.	Draw sketches of trees, flowers, leaves, furniture, objects. Building elements, city views and market views.	Proper understanding of different objects & human scale, proportion & its reflection.	20
		Total Hours	**56**

7. Reference Books

1) Frank Allison Hays- Rendering with Pen & In- Architecture Book Pub. Co./ Latest Edition
2) Hashmi - A.H. Drawing & Painting Course - Pustak Mahal Delhi/ Latest Edition
3) Peter Parrington - Drawing for Beginners - Herper Collins Publication/ Latest Edition

8. Open Sources (Website, Video, Movie)

1) https://rapidfireart.com/2017/04/06/lesson-1-how-to-sketch
2) https://www.wikihow.com/Draw-Perspective
3) https://www.youtube.com/channel/UCVQxmyIOutGT4lmWlDN9pmA
4) https://www.canva.com/colors/color-wheel