

**DISCIPLINE SPECIFIC ELECTIVE**  
**DSE HP 3E1: Basics of Design Application**

**CREDIT DISTRIBUTION, ELIGIBILITY AND PRE-REQUISITES OF THE COURSE**

Course title & Code	Credits	Credit distribution of the course			Eligibility criteria	Pre-requisite of the course(if any)
		Lecture	Tutorial	Practical/ Practice		
Basics of Design Application	4	2	0	2	XII Pass	NIL

**Learning Objectives**

1. To comprehend the concept of design as applicable to interior spaces.
2. To develop proficiency in making working and presentation drawings to be used by interior space design professional.
3. To understand the application of materials and finishing for creating an aesthetic and sustainable interior

**Learning Outcomes**

The students would be able to:

1. Students will be able to comprehend the concept of design applicable to interior spaces.
2. Students will gain proficiency in preparing presentation drawings to be used in design profession.
3. Students will understand the application of materials and finishes for designing interior spaces

**SYLLABUS OF DSE HP 3E1**

**THEORY**  
**(Credits 2; Hours 30)**

**UNIT I: Design Fundamentals**

**6 Hours**

This unit will develop understanding regarding basics of design.

Subtopics:

- Objectives of design
- Types of design: structural & decorative
- Elements of design
- Principles of design

**UNIT II: Design Application in Interiors**

**8 Hours**

This unit will acquaint students with the concept & application of color, lighting & furnishes in interior spaces.

Subtopics:

- Color in design
- Lighting for interiors
- Surface finishes – wall, floor, ceilings (types and usage)

### **UNIT III: Furniture & Furnishings**

**8 Hours**

This unit will help students learn about furniture, furnishings and accessories in interiors.

Subtopics:

- Furniture – styles, types, construction, selection and purchase, arrangement, care and maintenance
- Furnishings – types & selection
- Accessories

### **UNIT IV: Contemporary trends**

**8 Hours**

This unit will acquaint students with the contemporary trends in interiors.

Subtopics:

- Recent trends in design: Bio-Mimicry, Bio-philic
- Sustainable design & materials

## **PRACTICAL (Credits 2; Hours 60)**

### **1. Introduction to drawing interiors:**

- Basic drawing techniques
- Concept of scale
- Lettering

### **2. Presentation drawings:**

- Drawing & identification of common symbols
- Drawing 1 BHK floor plans & elevations

### **3. Rendering:**

- Rendering Techniques
- Application of rendering in plans

### **Essential readings:**

1. Chris Grimley, Universal principles of Interior Design , (2022), Rockport publishers .
2. Frida Ramstedt ,(2020)Interior Design Handbook ,Random House publishers
3. S. Goel, P.Seetharaman ,A.Kakkar, Manual on Interior space designing (2015) (ISBN No: 81-88901-44-X),Elite publishers, Delhi
4. M.Pratap Rao (2000), Interior Design Principles and Practice, Standard Publishers Distribution, Delhi.
5. S.K Duggal,(2017) , Building Materials, CRC Press, Delhi.
6. Joseph De Chiara, J. Panero, M. Zelnik(2001), Time Saver Standards for Interior Design and Space Planning , second edition McGraw Hill.
7. Premavathy, Seetharam. & Pannu, Parveen (2005). Interior Design and Decoration. CBS Publishers & Distributers, New Delhi

### **Suggested readings:**

1. CPWD, Manual on Door and Window Details for Residential Building
2. CPWD, Manual on Accessible Built Environment Faulkner, S. and Faulkner,R, Inside Today's Home, Rinehart Publishing company, New York.

**Note: Examination scheme and mode shall be as prescribed by the Examination Branch, University of Delhi, from time to time.**