

## Syllabus for Diploma Interior Design

**Course Title: Diploma Interior Design**

**Duration: 1 year**

**Total Marks: 800**

**Subject Code: DID**

### Diploma Interior Design – Syllabus

Sl. No.	Paper Code	Paper Name	Marks		
			External	Internal	Total Marks
1	DID -101	Communication Skills	60	40	100
2	DID -102	Introduction to Computers & Elementary Mathematics	60	40	100
3	DID -103	Design Development & Colour Concept	60	40	100
4	DID -104	Building Materials – I	60	40	100
5	DID -105	Building Construction - I	60	40	100
6	DID -106	Computer Applications	60	40	100
7	DID--107	Practical – I - Drawing and Graphics	60	40	100
8	DID -108	Practical –II – Design Rendering	60	40	100
				<b>Total</b>	<b>800</b>

## **Detail Syllabus for Diploma (DID) - Interior Design – 1<sup>st</sup> Year**

### **1. Communication Skills**

(Marks 100) Paper Code – DID –101

One way and two way communication, essentials of good communication, methods of communication - oral, written and non-verbal, barriers of communication, techniques of overcoming barriers, concept of effective communication, all forms of written communication including – drafting reports, notices, agenda notes, business correspondence, preparation of summaries and précis, telegrams, circulars, representations, press release and advertisements, telephonic communications, essentials of technical report writing, defect reporting, analysis and how to make suggestions, writing personal resume and application for a job, techniques of conducting group discussions, international phonetics of alphabets and numeric.

### **2. Introduction to Computers & Elementary Mathematics**

(Marks 100) Paper Code – DID – 102

Introduction to Algebra, Trigonometry, Co-ordinate Geometry, Differential and Integral Calculus, Types and Generations of Computers, Number System and Data Representation Scheme, Flow Chart and Computer Application to Business.

### **3. Design Development & Colour Concepts**

(Marks 100) Paper Code – DID – 103

Unit No. 1: Elements of Design

Unit No. 2: Colour

Unit No. 3: Line

Unit No. 4: Shape

Unit No. 5: Texture etc.

## 4. Building Materials - I

(Marks 100) Paper Code – DID – 104

Unit No. 1: Brick:

- Qualities of good brick
- Field test, terminology
- Precautions to be taken in brick laying & size.

Unit No. 2: Stone:

- Classification
- Qualities of good stone,
- Laying,
- Dressing
- Different textures and applications.

Unit No. 3: Sand:

- Types and application

Unit No. 4: Timber:

- Types
- Cross sections of exogenous tree
- Defects in timber
- Seasoning
- Application in interior
- Application of artificial timber e.g. veneers plywood.

Unit No. 5: Cement:

- Types
- Field test for cement
- Application of cement

Unit No. 6: Mortar:

- Types
- Application

Unit No. 7: Clay Products:

- Types
- Application

Unit No. 8: Lime:

- Types
- Application

Unit No. 9: Miscellaneous Materials:

- Gypsum
- Sound Absorbent Materials

Unit No. 10: Stone Ware and Porcelain:

- Application in Interior Design

## **5. Building Construction – I**

(Marks 100) Paper Code – DID – 105

Unit No. 1: Foundation:

- Purpose
- Shallow & deep foundation
- Sketches for spread footing & isolated column footing.

Unit No. 2: Plinth:

- Plinth filling material and their representation
- Introduction to load & R.C.C. frame structure including beams, column, slab, chajja, lintel etc. with their general size and placements.

Unit No. 3: Carpentry Joints:

- Meaning of term
- Technical terms
- Classification etc.

Unit No. 4: Floor:

- Purpose
- Mezzanine floor
- Stilt floor
- Basement floor (introduction only)

Unit No. 5: Lintels:

- Purpose
- Types
- General size
- Terminology

Unit No. 6: Arches:

- Purpose
- Types & applications.

Unit No. 7: Brick masonry:

- English bond
- Flemish bond
- Precautions to be taken in bonding, king closer, queen closer, bat and application.

Unit No. 8: Stone Masonry:

- Rubble masonry
- Ashlar masonry
- Introduction to artificial stone and uses, stone finishes.

Unit No. 9: Door and Windows:

- Types of door & windows with their applications

Unit No. 10: Structures in Brick Work:

- Footing, Piers, etc

## **6. Computer Applications**

(Marks 100) Paper Code – DID – 106

Unit No. 1: MS Word:

- Create a project report for starting a new interior design company using MS Word

Unit No. 2: MS Excel:

- Perform Calculations and create relevant charts and insert in the project report created.

Unit No. 3: MS PowerPoint:

- Prepare a PowerPoint presentation based on the project report.

Unit No. 4: Internet:

- Browse various interior design company websites, create an E-mail ID.

## **7. Practical – I - Drawing and Graphics**

(Marks 100) Paper Code – DID – 107

Unit No. 1: Lines: Types standard and application

Unit No. 2: Lettering: Single Stroke Vertical Letters, architectural lettering, Block Letters

Unit No. 3: Orthographic projection

Unit No. 4: Scales: British: types of scale, application in drawing

Unit No. 5: Isometric View

Unit No. 6: Oblique View

Unit No. 7: One point Perspective View

## **8. Practical –II – Design Rendering**

(Marks 100) Paper Code – DID – 108

Unit No. 1: Rendering Material and Medium – Colour Pencils, Water Colour etc.

Unit No. 2: Rendering Techniques

Unit No. 3: Plan and Elevation Rendering