

# Interior Design



INTERIOR DESIGNING



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## SYLLABUS

### TOPICS :

- Visual Art & Design
- Graphics - I
- Interior Design Building Materials & Application
- Communication Skills
- Interior & Building Construction
- Digital Design Drawing & Presentation Skills
- Design Studio
- Graphics - Ii
- Building Services - I
- Interior Working Drawing
- Introduction To Art & Interior Design ( Case Study )
- Digital Design Drawing & Presentation Skills - 3d
- Interior Advanced Material Systems & Applications
- Design Studio - Ii - Space Planning
- Building Services - Ii
- Vastu Shastra
- Home Styling
- Estimation & Costing
- Thesis / Project
- Software Knowledge
- Workshop Knowledge
- Market Surveys



## Visual Art And Design

### A ) ELEMENTS OF DESIGN

Point

Line

Plane

Shapes

Space / Volume / Form

Size

Texture

Colour

Pattern

Unity

### B ) PRINCIPLE OF DESIGN

Balance

Monotony

Contrast

Emphasis

Rhythm

Harmony

Proportion

Scales

Creating Repetitive Patterns Using Grids

Principles Of Compositions

### C ) COLOR THEORY

Primary Colors

Secondary Colors

Tertiary Colors

Neutral Colors

Color Wheel

Cool Colors

Warm Colors

Monochromatic Color Scheme

Acromatic Color Scheme

Complementary Color Scheme

Double Complementary Color Scheme



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Split Complementary Color Scheme  
Double Split Complementary Color Scheme  
Psychology Of Colors  
Color In Historic Interiors -  
Ancient Egypt , Greece , Rome, Italy ,  
Christian And Byzantine , Middle Ages,  
Renaissance, Colonial America, Victorian Era,  
Eclecticism , Art Decco, Modernism,  
Post Modernism Etc.

Compositions Using Above Principles : ..... 6 SHEETS

### WORKSHOP ASSIGNMENTS :

To Compose Patterns By Incorporating  
The Principles Of Design , Collage Making,  
3d - Composition .

### Graphics

Simple Exercises Of Object Drawings  
Introduction - Fundamentals Of Drawing And Its Practise  
Scales  
Concept Of Geometry Forms  
Abbreviation Symbols -  
    Interior Fixtures Civil/ Wood/ Electrical/ Plants  
Drawing -  
    How To Make Drawings / Lines/ Dimensions / Scale / Symbol  
Orthographic Projections  
Isometric /axonometric /oblique  
Rendering Techniques  
Anthropometric Study  
Drawing  
Drawing Simple Furniture  
Perspective -  
    ( One Point And Two Point Perspective )

**NOTE :** Provide Furniture Drawing Of Simple  
Furniture Items I.e : Chair, Bed, Wardrobe,  
Center Table Etc.



## Interior Design Building Materials And Application ( Theory & Practical )

### CEMENT :

Introduction

Uses

Advantages & Disadvantages

### TIMBER :

Introduction

Classification

Uses

Advantages & Disadvantages

Properties

### BRICKS :

Introduction

Classification

Uses

Types Of Brick Bats

Types Of Bricks

Advantages & Disadvantages

### GLASS :

Definition

Types Of Glass

Uses

Properties Of Glass

Advantages & Disadvantages

### WALL FINISHES / FURNITURE FINISHES

#### INTERIOR MATERIAL:

Corian

Mdf

Shera Planks

Gypsum

Ceramic

Laminates / Veneer



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## STONE :

Introduction

Uses

Properties

## PAINT :

Introduction

Classification

Uses

Types Of Paints

Properties

Advantages & Disadvantages

Applications

## FABRICS :

Introductions

Uses

Types Of Fabrics & Furnishing Materials Like :

Fibers , Textile, Fabric Treatments , Carpets ,

Durries, Tapestries, Drapery, Upholstery,

Wall Coverings , Etc.

Properties Of All Above Materials & Uses

As Well As Application In The Interiors.

## Communication Skills :

Fundamentals Of Communication

Effective Listening Skills

Effective Reading Skills

Email Writing

Group Discussion

Body Language

Difference Between Pubic And Personal Speaking



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## Interior And Building Construction :

### JOINERY :

Wood Work / Carpentry Joints

### DOORS :

Types Of Wooden Doors Frames Different Pannels Single, Double, Glazed, Aluminium Door. Single Pannel Door With Details Of Joints, Accessories, Materials , Etc....

### WINDOWS :

Types Of Windows ( Wood )  
Casements , Glazed And Shashed  
Corner Window  
Window Joinery Details  
Window System In Aluminium Sections

### VENTILATORS :

Louvered And Venetianed

### PARTITIONS :

Brick Partition  
Wooden Partition  
Glass Partition  
Aluminium Partition  
Sliding & Folding Partition

### STAIRCASE :

R.c.c. Staircase

### FALSE CEILING :

Gypsum Ceiling  
Wooden Ceiling



## DESIGN STUDIO - I :

### DESIGN TOPIC :

#### FURNITURE DESIGN :

Sofa Seating , Dinning Table , Bed Design , Tv Units ,  
Wardrobe, Etc..

#### ROOM DESIGN :

Any Residential Space I.e. : 1bhk To 3bhk Flats Etc ...

Working Drawings With Furniture Items & Their Detail Drawings  
Of Each & Every Elemnts .

Views

Joinery Detail Sheet Of Specific Designed Furniture Element.

## THE ABOVE PROJECT IS A PORTFOLIO

## Digital Design Drawing & Presentation Skills :

### CAD 2D : RESIDENTIAL

Introduction To Autocad

Using Commands

Planning

Sectional Elevations

Dimensions Styles

Text Styles

Setting Line Weight

Working In Layers

Color Coding Basic Plan

Dimension Setup

Print Setup

Converting Layouts

Inserting Of Files & Exporting The Drawings

Final Portfolio Of Cad 2d With

Prints & Presentation.





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## Graphics - II

Introduction To Pen & Brush Exercises.  
Rendering Of The Perspectives In Different Media  
Perspective..... ( Room Designing )  
Sciography .....( Solid Materials )  
Imagination Drawing -  
( Concept Drawing, Sketches Of Self Design  
Furniture Or Room Interior , Any Antic Diagrams,  
Presentation Sketches, Design Development Sketches, ,  
Graphical Presentation.)

## Building Services - I

Plumbing Services  
Drainage System  
Water Supply  
Fitting And Fixtures  
Lighting Systems  
Basics Of Air Conditioning (hvac)  
Basic Of Acoustics

## Interior Working Drawing :

We Need To Provide Plans Of Interior Drawing / Existing Layout  
Existing Residence Layout / Plan  
Furniture Layout Details  
Detailed Drawing Of Single Room  
Toilet Layout Details/ Plumbing  
Electrical Layout With Fitting & Fixtures  
False Ceiling Layout With Details  
Hvac  
Working Detail Drawing Of Any 2 Furniture Item  
With All The Fitting & Fixing Details .



## Introduction To Art & Interior Design ( Case Study)

Purpose And Relevance Of Art  
Development Of Art  
Exploration Of Art Forms  
Study Of Ornaments In Interior Design  
Introduction To Heritage Interior  
General Understanding Of Interior Design & Architecture  
Selection Of Period Or Design Style To Make Interior  
( Presentation Of Period Or Design Style )

## Digital Design Drawing And Presentation Skills - 3d

Plans  
Elevation  
Views  
Render Images  
Walk Through  
Material Details

## Interior Advance Materials System & Applications

Introduction To New Materials And Advanced Application  
Modular Systems Commercially Available  
Metal Fixtures For Joinery And Hardware Systems

## Building Services -II

Hvac  
Accoustics

## Estimation Costing

Introduction  
Estimate  
Item Rate Estimate  
Approximate Quantity Method Estimate



## VASTU SHASTRA

Introduction To Vastu – Shastra  
Mythology  
Modern Interpretation  
Shastra Rules  
Rectifying Defects In Space  
Tips For Construction  
Tips For Interior & Decoration  
Mthys Regarding Vastu Rules  
Space Planning

## HOME STYLING :

Fundamentals Of The Concept & Practical Implementation  
Of The Interior Styling In Live Spaces.  
Principles Of Interior Designing In Home Styling  
Basic Project Management  
Working With Spaces.

## Thesis / Project :

Topic Will Be Given By The Faculty Member For The Final Thesis

## Software Knowledge

Autocad  
Google Sketch Up ( V-ray)  
Revit

## Workshop Knowledge

Workshop Like, Carpentry, Modular Concepts,  
Fevicryl , Paints, Lamps Shades, Glass Itching ,  
Mural Making, Cnc Cutting Mechanism.

## Market Knowledge

Market Survey Like : Cement, Wood, Glass,  
Flooring, Furnishing, Paints, Sanitary Fitting,  
Hardwares Etc.

