



3D VISION INSTITUTE

FOR FREE DEMO SESSION CALL ON + 91 9763722424

Diploma in Interior Design Course Syllabus

Practical Site Visits & Core Software Focus

Module 1: Introduction to Interior Design

- History and Evolution of Interior Design
- Key Principles of Interior Design
- Design Thinking and Methodology

Module 2: Understanding Interior Design Theory

- Basic Design Elements: Line, Shape, Color, and Texture
- Space Planning and Flow
- Functional and Aesthetic Design Principles

Module 3: AutoCAD for Interior Design (Basic & Advanced)

- AutoCAD Interface & Basic Drawing Tools
- 2D Layouts and Floor Plans for Interiors
- Layer Management and Plotting
- Advanced AutoCAD Features for Interior Design

Module 4: Site Visit 1: Residential Interiors

- Practical Application of AutoCAD Drawings in Real Sites
- Understanding Spatial Layouts and Material Application
- Observation of Lighting, Furniture, and Color Usage on-site

Module 5: SketchUp for Interior Design (Basic & Advanced)

- Introduction to SketchUp Interface
- Creating 3D Models and Layouts for Interiors
- Use of SketchUp for Conceptual Design
- Textures and Materials in SketchUp

Module 6: V-Ray Rendering for SketchUp

- Introduction to V-Ray Rendering Techniques
- Rendering Interior Designs with V-Ray
- Advanced Lighting and Material Techniques in V-Ray

Module 7: Enscape for Real-time Visualization

- Enscape for Real-time 3D Walkthroughs
- Setting Up Virtual Reality (VR) and Augmented Reality (AR) Experiences
- Integrating Enscape with SketchUp for Real-time Client Presentation

Module 8: Practical Site Visit 2: Commercial Interiors

- Site Observations for Commercial Projects (Offices, Shops, etc.)
- Layout, Furniture, and Color Schemes in Commercial Design
- Site Analysis for Functionality and Aesthetic Appeal

Module 9: Estimation & Costing for Interior Projects

- Estimation Techniques for Residential and Commercial Projects
- Material Cost Calculation and Budgeting
- Labour and Installation Cost Estimation

Module 10: Materials and Finishes Selection

- Study of Interior Design Materials: Woods, Fabrics, Metals, and Glass
- Finishes and Textures for Floors, Walls, and Ceilings
- Sustainability and Eco-friendly Material Selection

Module 11: Lighting Design for Interiors

- Understanding the Basics of Lighting Design
- Different Types of Lighting for Interiors (Ambient, Task, Accent)
- Application of Lighting in AutoCAD and SketchUp

Module 12: Color Theory in Interior Design

- Psychological Impact of Colors
- Color Schemes and Palettes for Different Spaces
- Application of Color in AutoCAD and SketchUp Models

Advanced Tools, Vastu Shastra, Portfolio Development & Interview Preparation

Module 13: 3ds Max for Interior Design

- Introduction to 3ds Max Interface and Tools
- Modeling and Rendering Interior Design Elements in 3ds Max
- Advanced 3D Modeling Techniques for Interior Design

Module 14: Advanced 3ds Max Rendering with V-Ray

- V-Ray for 3ds Max: Settings for High-quality Renders
- Lighting and Shadows in 3ds Max with V-Ray
- Creating Realistic Renderings of Interior Projects

Module 15: Lumion for Real-time Rendering

- Introduction to Lumion Software for Interior Design
- Real-time Visualization and Walkthroughs with Lumion
- Integration of 3ds Max Models into Lumion for Rendering

Module 16: Advanced Vastu Shastra Applications

- Detailed Study of Vastu Shastra for Residential and Commercial Spaces
- Remedies and Corrections Based on Vastu Principles
- Practical Application of Vastu in Interior Design Projects

Module 17: Site Visit 3: Vastu Analysis and Application

- Real-life Site Visits Focused on Vastu Analysis
- Identifying Vastu Defects and Suggested Remedies
- Implementation of Vastu Principles in Residential and Commercial Spaces

Module 18: Advanced Software Integration for Interior Design

- Workflow Integration of AutoCAD, SketchUp, 3ds Max, V-Ray, and Lumion
- Using Multiple Software for Seamless Design Creation
- Creating Presentations and Client Proposals Using Various Software Tools

Module 19: Professional Portfolio Development

- Importance of a Portfolio in the Interior Design Industry
- Developing a Comprehensive Interior Design Portfolio
- Best Practices for Showcasing Projects, Designs, and Technical Skills

Module 20: Market Survey and Design Trends

- Conducting Market Research for Interior Design Products and Materials
- Identifying Emerging Design Trends in the Interior Design Industry
- Implementing Trend-based Design Solutions

Module 21: Sustainable Design Practices

- Designing with Sustainability in Mind: Materials, Energy, and Layout
- Green Building Certifications and Standards
- Eco-friendly Solutions for Interior Design Projects

Module 22: Advanced Estimation & Costing

- Preparing Detailed Bill of Quantities (BoQ) for Interior Projects
- Cost Breakdown for Furniture, Lighting, and Materials
- Costing and Project Scheduling for Large-scale Projects

Module 23: Design for Smart Homes & Automation

- Incorporating Smart Technology into Interior Design
- Designing Automation Systems for Residential and Commercial Spaces
- Creating Smart Home Solutions Using Interior Design Principles

Module 24: Space Planning for Large-scale Interiors

- Space Planning Techniques for Large Residential and Commercial Projects
- Designing for Functionality and Flow in Large Spaces
- Optimizing Space for Workplaces, Showrooms, and Hotels

Module 25: Designing for Healthcare and Institutional Spaces

- Specialized Design Principles for Hospitals and Clinics
- Designing Educational Institutions (Schools, Colleges, Libraries)
- Healthcare Design Considerations for Accessibility and Comfort

Module 26: Interview Preparation for Interior Designers

- Tips and Techniques for Successfully Landing Interior Design Jobs
- Preparing for Design Portfolio Presentations during Interviews
- Common Interview Questions for Interior Designers and How to Tackle Them

Module 27: Branding and Personal Branding for Interior Designers

- Building Your Brand as an Interior Designer
- Personal Branding Strategies to Stand Out in the Market
- Online and Offline Marketing Techniques for Designers

Module 28: Advanced Client Consultation Techniques

- Effective Communication and Presentation Skills
- Working with Clients on Budget and Design Preferences
- Negotiation and Finalizing Design Proposals

Module 29: Site Visit 4: Advanced Interior Design Project (Residential & Commercial)

- Detailed Site Visit Focusing on Client Requirements and Project Management
- Hands-on Project Management and Execution at Sites
- Application of Software Models on-site for Client Approval

Module 30: Student Portfolio Review and Submission

- Finalizing Portfolio with Completed Projects
- Professional Portfolio Review by Industry Experts
- Preparing Portfolios for Job Applications and Internships

Module 31: Final Project – Concept to Execution

- Conceptualizing, Designing, and Executing a Complete Interior Design Project
- Using All Learned Software Tools and Techniques
- Final Presentation and Review of the Completed Project

Module 32: Capstone Project & Final Review

- Comprehensive Project Review with Mentors and Industry Professionals
- Application of All Course Modules to a Real-life Design Scenario
- Presentation of Final Project for Certification

Additional Modules for Specialized Focus:

Module 33: Advanced Furniture Design & Customization

- Creating Custom Furniture Designs for Interiors
- Detailing Furniture Models and Integrating with Interior Spaces

Module 34: Acoustic Design for Interior Spaces

- Principles of Sound and Acoustics in Interior Spaces
- Designing Acoustic Interiors for Homes and Offices

Module 35: Advanced Lighting Systems

- Designing with Advanced Lighting Control Systems
- Automation and Smart Lighting Integration

Module 36: Historic and Cultural Design

- Study of Cultural Influences on Interior Design
- Designing for Heritage and Historic Buildings

Module 37: Interior Design for Luxury Spaces

- Designing High-End Residential and Commercial Spaces
- Luxury Furniture, Materials, and Technologies

Module 38: Retail and Hospitality Design

- Specialized Design for Hotels, Restaurants, and Retail Spaces
- Creating Memorable Customer Experiences through Design

Module 39: Inclusive and Universal Design

- Designing for People with Disabilities and Special Needs
- Accessibility Guidelines and Practical Applications

Module 40: Design Ethics and Legal Aspects

- Understanding Professional Ethics in Interior Design
- Legal Aspects, Contracts, and Design Documentation

Certification Ceremony, Portfolio Submission & 100% Job Placement & Internship