



An ISO 9001 - 2008
Organization



ISO/IEC-17025:2005 NABL ACCREDITED FOR NDT
(Dept. of Science and Technology, Government of India)



INTERIOR DESIGN

Fundamentals /Basics Design

- ★ Interior Design and Decoration
- ★ Tools of Interior Design
- ★ Design Notions
- ★ Planning Process 1 & 2

Construction Technique

- ★ Introduction to structure and building components
- ★ Construction techniques of building components
- ★ Joinery
- ★ Openings
- ★ Residential Furniture

Materials & Products

- ★ Floor Coverings
- ★ Glass
- ★ Metals and Alloys
- ★ Polymers and Allied Composites
- ★ Paints, Varnishes, Polishes and Coatings
- ★ Specialty Materials
- ★ Common Building Materials
- ★ Plumbing And Sanitary Materials
- ★ Electrical And Lighting Materials

Interior Professional Practice

- ★ Estimating
- ★ Costing
- ★ Analyzing Rates
- ★ Tender & Tendering 1 / 2
- ★ Career Opportunities & professional ethics
- ★ Office & project management

Interior Working Drawing

- ★ Automated furniture systems
- ★ Automated & stationary movement systems
- ★ Specialty openings, paneling & partitions
- ★ Commercial Furniture
- ★ Knockdown & Modular furniture

Primary Services and Secondary Services

- ★ Water Supply, Sanitation And Drainage1
- ★ Water Supply, Sanitation And Drainage2
- ★ Electrification
- ★ Light and Lighting
- ★ Natural Heating, Ventilation and Conditioning of Air
- ★ Heat and Sound
- ★ Mechanical Ventilation and Air conditioning
- ★ Communication systems
- ★ Safety and Security Systems

Specialized Services

- ★ Fire Fighting
- ★ Intercommunications System
- ★ Telex System
- ★ Plumbing
- ★ Electrical

INTERIOR Design Software's 2D and 3D CADD In interior Design

- ★ Introduction to Computer Interface
- ★ AutoCAD in interior design

1 Introduction to Autodesk 3ds Max Design

- 1.1 Overview
- 1.2 Visualization Workflow
- 1.3 The Autodesk 3ds Max Design Interface
- 1.4 Preferences
- 1.5 Setting the Project Folder
- 1.6 Configure Paths
- 1.7 Display Drivers
- 1.8 Viewport Display and Labels

2 Autodesk 3ds Max Design Configuration

- 2.1 Viewport Navigation
- 2.2 Viewport Configuration
- 2.3 Object Selection Methods
- 2.4 Units Setup
- 2.5 Layer and Object Properties

3 Assembling Project Files

- 3.1 Data Linking and Importing
- 3.2 Linking Files

4 Basic Modeling Techniques

- 4.1 Model with Primitives
- 4.2 Applying Transforms
- 4.3 Sub-Object Mode
- 4.4 Reference Coordinate Systems and Transform Centers
- 4.5 Cloning and Grouping
- 4.6 Polygon Modeling Tools in Ribbon
- 4.7 Statistics in Viewport

5 Modeling From 2D Objects

- 5.1 3D Modeling from 2D Objects
- 5.2 The Lathe Modifier
- 5.3 2D Booleans
- 5.4 The Extrude Modifier
- 5.5 Boolean Operations
- 5.6 Using Snaps for Precision
- 5.7 The Sweep Modifier

6 Materials

- 6.1 Introduction to Materials
- 6.2 Understanding Maps and Materials
- 6.3 Managing Materials
- 6.4 Standard Materials
- 6.5 Material Shaders
- 6.6 Assigning Maps to Materials
- 6.7 Opacity, Bump, and Reflection Mapping
- 6.8 mental ray Materials
- 6.9 The Material Explorer

7 Mapping Coordinates and Scale

- 7.1 Mapping Coordinates
- 7.2 Mapping Scale
- 7.3 Spline Mapping

8 Introduction to Lighting

- 8.1 Local vs. Global Illumination
- 8.2 Standard Lighting
- 8.3 Types of Standard Lights
- 8.4 Shadow Types

9 Lighting and Rendering

- 9.1 Photometric Light Objects
- 9.2 Exposure Control
- 9.3 Daytime Lighting

10 Mental ray Rendering

- 10.1 Fundamentals of mental ray
- 10.2 mental ray Interior Rendering
- 10.3 Controlling mental ray Quality
- 10.4 mental ray Proxies

11 Rendering and Cameras

- 11.1 Rendering Options
- 11.2 Rendering Presets
- 11.3 Single vs. Double-Sided Rendering
- 11.4 State Sets
- 11.5 Cameras
- 11.6 Background Images
- 11.7 The Print Size Wizard

12 Animation

- 12.1 Animation and Time Controls
- 12.2 Walkthrough Animation
- 12.3 Animation Output

Appendix A Optional Practices

Appendix B Autodesk 3ds Max Certified

CHENNAI

No. 5, Boopathy Street , Virugambakkam,
NEAR - NATIONAL INOX MOVIE THEATRE
Virugambakkam Bus Stop and Mosque Opposite,
Chennai - 600 092.
Tel: 044-42047244, 044-42077677, 044- 43072173
Mobile : 093810 48884, 093810 77677, 093845 77677
Email Id :twgggroupchennai@gmail.com

BANGALORE

No.54, 15th Main Road, 2nd Floor,
East of Chord Road, Vijayanagar,
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Email :twgggroupbangalore@gmail.com

COIMBATORE

DHEEPAM COMPLEX
No 574 to 581, 3rd Floor,
100 Feet Road, Near G.P. Signal,
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Coimbatore - 641 012.
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TRICHY

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Trichy-620 002.
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MUMBAI

"CRESCENT BUSINESS SQUARE "OfficeNo. 810
Kherani Road, Opposite - SJ STUDIOS
Sakinaka Metro Junction,
Andheri (East)
Mumbai - 400 059.
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093810 77677, 076679 78887
Email Id : twgggroupmumbai@gmail.com

KOCHI

"TWG GROUP KOCHI"
Near LULU Shopping Mall,
Edappally Toll Junction ,
Metro Bridge - Piller No - 387
V.P Marakkar Building,
V.P Marakkar Road,
Via - Vanitha & Vinitha Theaters,
Edappally P.O, Kochi - 682 024.
Mobile : 093810 48884, 093810 77677, 093845 77677
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VIZAG

No. 8 -12 -1/1, II Floor,
Gayathri Nilay, Gokul Nagar ,
Beside Varun Motors/Karur Vysya Bank Backside,
OLD GAJUWAKA JUNCTION ,
VISHAKAPATINAM - 530 026.
Andhra Pradesh, India.
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PUNE | DELHI | GUJARAT | KOLKATA | MYSORE | TRICHY | VELLORE | COIMBATORE | VIZAG | COCHIN
TRIVANDRUM | CALICUT | HYDERABAD | PONDICHERRY | MADURAI | NAGARCOIL | AMARAVATI

