



Blitz Academy



**10000+
Students
graduated
till date**

INTERIOR DESIGNING

Decade of Quality Education

✓ COURSES

- ✓ Diploma in interior Designing **Duration - 6 Months**
- ✓ PG Diploma in interior Designing **Duration - 1 Year**



THEORY OF INTERIOR DESIGNING

THEORY & RESEARCH

- ▣ Introduction to interior design
- ▣ A comparative study of interior decoration in india today and then
- ▣ Objectives of aesthetic planning, beauty expressiveness, functionalism
- ▣ Design and types of designs
- ▣ Classification of decorative designs
- ▣ Different styles of interior design
- ▣ Application of design in interior decoration
- ▣ Qualities and role of a good interior designer and man as a consumer of design
- ▣ Interior design as a career option





INTERIOR GRAPHICS

THEORY & PRACTICAL

- Introduction to draftmanship- tools and techniques
- Basics in drafting
- Geometrical figures and it's construction
- Orthographic projections
- Conic sections in architecture
- Isometric projections
- Sciography
- Perspective view – one point perspective view and two point perspective view



BUILDING CONSTRUCTION AND MATERIAL

THEORY & PRACTICAL

- ❑ Building foundation and types of building foundation
- ❑ Masonry and types of masonry
- ❑ Surface finishes
- ❑ Building components and types
- ❑ Construction of building components and its materials
- ❑ Methods of construction
- ❑ Interior and exterior building materials
- ❑ Vernacular and contemporary building materials



PRODUCT DESIGN *THEORY & WORKSHOPS*



WORKSHOP 1 - LIGHTING DESIGN

- Natural and Artificial Lighting
- Daylight Factor
- Guidelines for Good Natural Lighting
- Different Types of Lighting Arrangements
- Variety of Lamps
- Protection Devices
- Calculation of Artificial Lighting Requirement
- Economy in Lighting
- Psychological Aspects of Lighting
- Guidelines for Lighting Design

WORKSHOP 2 - FURNITURE DESIGN

- Introduction to Furniture and its Functions
- Different Types of Furniture
- Styles of Furniture
- Evolution of Furniture
- Factors Influencing Furniture Design
- Furnishing Materials
- Construction Features of Furniture
- Upholstering Techniques and Designs
- Joinery and Types of Joinery
- Ergonomics and Anthropometry
- Multipurpose Furniture

WORKSHOP 3 - DECOR ELEMENT DESIGN

- Accessories
- Functional and Decorative Elements
- Motives - Types and its Application in Interior Design
- Pleats - Types and its Application in Interior Design

DESIGN

THEORY & PRACTICAL

BASIC DESIGN

- ▣ Introduction to design – creativity in design
- ▣ Elements of interior design and its applications
- ▣ Principles of interior design
- ▣ Colour theory and colour schemes

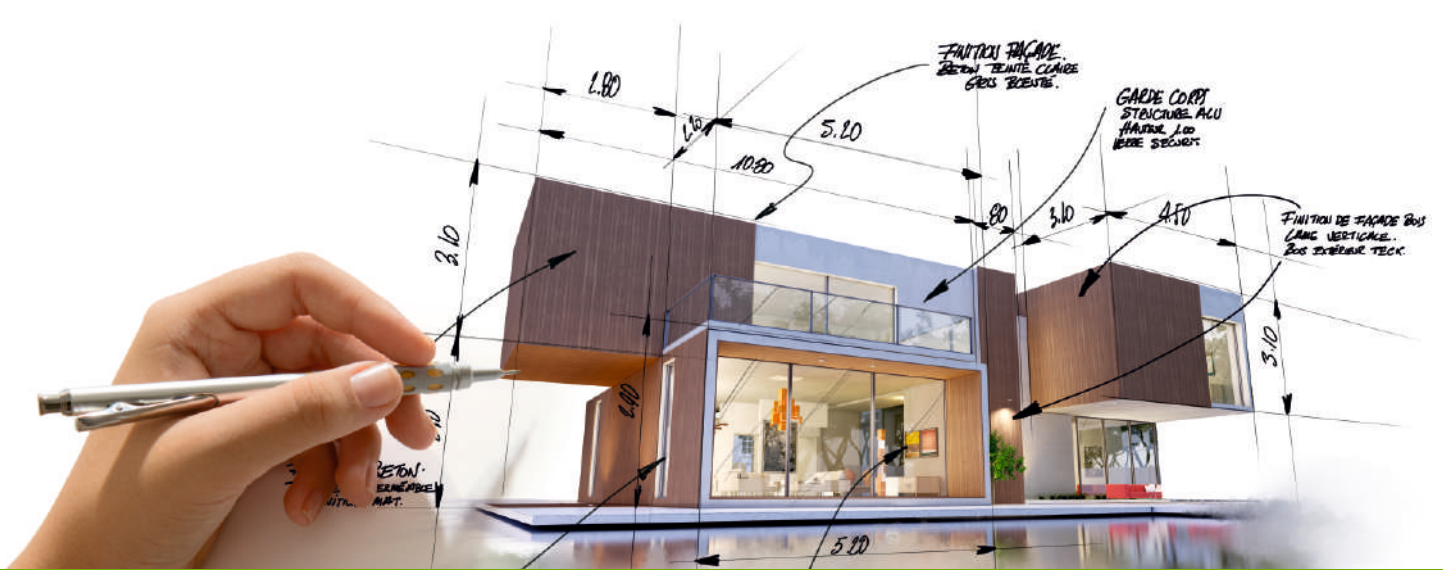
SPACE PLANNING AND CIRCULATION

- ▣ Space planning
- ▣ Architectural space – interior and exterior spaces
- ▣ Factors affecting space planning o spatial qualities
- ▣ Shaping interior space
- ▣ Spatial dimension
- ▣ Types of space
- ▣ Spatial transition
- ▣ Universal concepts relating to how people interact with their environments
- ▣ Spatial relationships
- ▣ Spatial organisation
- ▣ Circulation and circulation principles

ANTHROPOMETRY

- ▣ Anthropometric study and its need
- ▣ Vitruvian man concept
- ▣ Ergonomics
- ▣ Basic human functions and their implication for space requirements
- ▣ Minimum and optimum areas for various function
- ▣ Discovering commercially available sizes of furniture





MEASURED DRAWING

- Measured Drawing of Class Room

Plan with furniture layout

Elevations

Sections

Isometric view

PRESENTATION TECHNIQUES

- Rendering and presentation techniques
- Space rendering techniques
- Material Rendering, Human Rendering, Object Rendering

WORKING DRAWING

- Construction detailing and importance of detailed drawing

ESTIMATION IN INTERIOR DESIGNING

- Purpose of estimation
- Types of estimation
- Steps include in estimating

MAJOR AND MINOR PROJECTS

- Minor design project I - "Short Duration projects to boost imagination/ innovation and speedy decision"
- Minor design project II - "Limited Space challenge Design"
- Major design project - "Design a Multi-Functional Retail Space"

Plan with furniture layout

Elevations

Sections

View

Working drawing / Detailing

BUILDING SERVICES

THEORY & PRACTICAL

WATER SUPPLY AND SANITATION

- Water supply in residential and multi storey building
- Basic principles of water supply
- Terminologies related to water supply
- Systems of water supply
- Piping material
- Sanitary drainage
- Sanitary appliances
- Plumbing system
- Plumbing layout

ELECTRICAL SERVICES

- Domestic supply
- Electrical symbols and fixtures

ACOUSTICS AND SOUND INSULATION

- Sound production and transmission
- Sound characteristics and effects on hearing
- Sound insulation and uses
- Sound insulation vs Sound absorption
- Behaviour of sounds
- Noise and classification of noise
- Acceptable indoor noise level
- Acoustics planning and design target
- Acoustical defects and recommended remedies
- Factors affecting acoustical planning and design
- Acoustical materials
- Acoustical treatment consideration for various building
- Steps included in acoustical design

WATER PROOFING

- Importance of water proofing
- Material used or water proofing
- Techniques of water proofing
- Types of water proofing and its application

DAMP PROOFING

- Dampness
- Causes of dampness
- Effects of dampness
- Precautions of dampness
- Types of damp proofing
- Process involved in damp proofing

TERMITE PROOFING

- Damages by termites
- Types of termites and methods of controlling
- Pre- construction and post-construction anti termite treatment in building

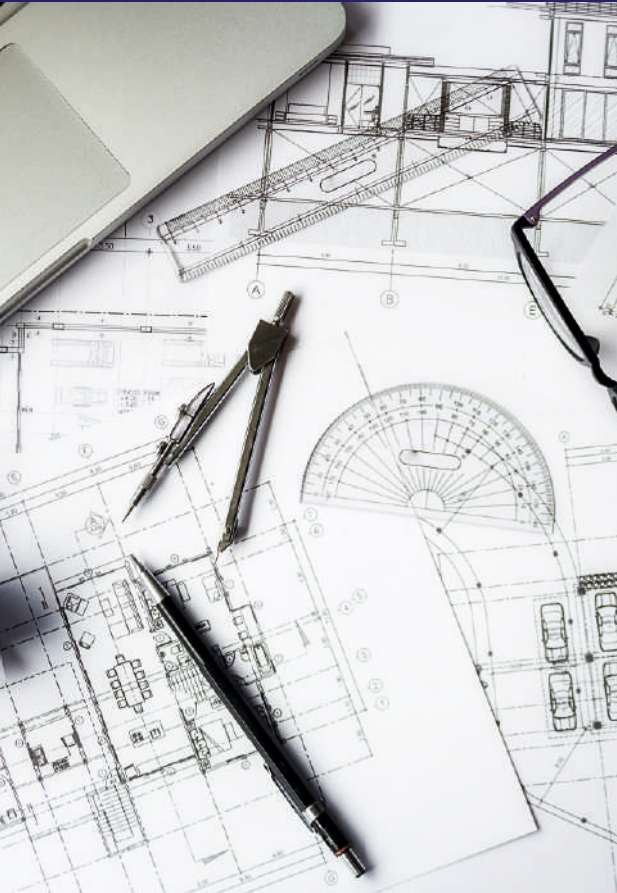
MEP SERVICES

- Mep components
- Types of installation
- Mep system process
- Thermal insulation
- Electrical services
- Plumbing services





DIGITAL STUDIO



- ▣ Auto cad
- ▣ 3ds max with V-ray rendering
- ▣ Sketch up with V-ray rendering
- ▣ Adobe Photoshop
- ▣ Revit architecture
- ▣ Revit MEP
- ▣ Plumbing design
- ▣ Electrical design




Blitz Academy




LEARN FROM US

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