



Raja Mansingh Tomar Music & Arts University, Gwalior, M.P.

Diploma in Interior Design Syllabus 2025-26

## SCHEME OF EXAMINATION

### DIPLOMA IN INTERIOR DESIGN

#### THEORY

TOPIC	TIME	MARKS
History of Interior Design	3 Hrs.	100
	<b>TOTAL</b>	<b>100</b>

#### PRACTICAL

TOPIC	TIME	MARKS
Material & Construction II	3 Hrs.	100
Interior Design Studio II	9 Hrs.	100
3D Max & Photoshop	9 Hrs.	100
	<b>TOTAL</b>	<b>300</b>

<b>GRAND TOTAL</b>	<b>400 Marks</b>
--------------------	------------------

नादबद्ध शब्दबद्ध  
रूपबद्ध उपास्महे



# Raja Mansingh Tomar Music & Arts University, Gwalior, M.P.

## Diploma in Interior Design Syllabus 2025-26

### **2025-26 SYLLABUS - DIPLOMA IN INTERIOR DESIGN**

#### **THEORY - HISTORY OF INTERIOR DESIGN**

- EARLY CLASSICAL PERIOD – Prehistoric Cave Paintings – Primitive Designs- Interiors during Egyptian, Greek, Roman, Gothic, Early Christian & Renaissance Periods.
- MIDDLE AGES – Interiors in Romanesque, Gothic, and renaissance periods
- COLONIAL TO THE BEGINNING OF THE 20<sup>TH</sup> CENTURY – Colonial, Victorian designs, Arts & Crafts movement, Art Nouveau, Eclectism, Frank Lloyd Wright.
- BAUHAUS TO POST MODERNISM – Walter Gropis/ Bauhaus, De Stijl, Mies Van Der Rohe, Le Corbusier, Art Deco, Postwar Modernism.
- RECENT DIRECTIONS – Design movements such as Late Modernism, High Technology, Post Modernism, and De constructivism and Minimalism
- NON EUROPEAN TRADITIONS – Interiors in China, Japan & the Islamic World – Influences of Pre Columbian American art & culture, African influences in interiors
- SCANDINAVIAN TRADITIONS – Interior Design in Sweden, Finland, Norway. Contributions of Architects such as Alvar Alto, etc.
- INDIAN TRADITIONAL DESIGNS – Traditional Styles of design & decorations of homes & accessories across the states in India including Rajasthan, Gujarat, Andhra, Tamil Nadu, Madhya Pradesh etc.
- CONTEMPORARY INTERIOR DESIGNERS - Works of Charles Rennie Mackintosh, Antonio Gaudi, Gerrit Rietveld. Interiors of Le Corbusier, Frank Lloyd Wright, Louis Khan, Kenzo Tange and Oscar Niemeyer. The works of Alvar Aalto, Phillip Johnson, Charles and Ray Eames, Eero Saarinen, Eero Aarnio, Arne Jacobsen. Interiors of Zaha Hadid, Santiago Calatrava, Frank Gehry and Peter Eisenmann.

#### **Suggested Readings**

A History of Interior Design by John Pile



## **PRACTICAL**

### **PRACTICAL 1 - MATERIAL & CONSTRUCTION II**

- WALLS – TYPES OF MASONRY - Different types – Stone walls, random rubble, coursed rubble, square rubble, polygonal rubble & Ashlar, etc. Brick masonry – Types of bonds, single & double Flemish bond, header bond, stretcher bond, rat trap bond, ornamental bonding.
- FLOORS - Floor coverings – Softwood, hardwood, resilient flooring, linoleum, asphalt tile, vinyl, rubber, cork tiles, terrazzo, marble & granite, properties, uses & laying. Floor tiles – Ceramic glazed, mosaic and cement tiles, properties, uses and laying, details for physically handicapped.
- FALSE CEILING – Construction of various kinds of false ceiling such as thermacol, plaster of paris, gypsum board, metal sheets, glass and wood. Construction of domes, vaults, & other special ceilings.
- WALL PANELING – Paneling- Using wooden planks, laminated plywood, cork sheets, fibre glass wool & fabric for sound insulation and wall paneling for thermal insulation.
- FINISHES – Paints- enamels, distempers, plastic emulsions, cement based paints, properties, uses and applications. Painting on different surfaces – defects in painting, clear coatings & strains, varnishes, lacquer, shellac, wax polish & strains, properties, uses and application. Special purpose paints-bituminous, luminous, fire retardant and resisting paints- properties, uses and applications.
- DOORS – Types including, openable, sliding, folding pivoted Lodged and braced, paneled doors, glazed doors, Joinery details for doors.
- PARTITIONS – Details of fixed, sliding and sliding and folding partitions with wood, steel and aluminium frames & panels in glass, particle board, MDF, gypsum board and plywood.
- TIMBER WINDOWS – Types – Casement, fixed, horizontal sliding, vertical sliding, pivoted, and top hung types. Ventilators- top hung, bottom hung, pivoted, louvered, fixed types. Joinery details for windows, ventilators
- WINDOWS IN STEEL AND ALUMINIUM – Details of sliding and openable windows in aluminium and steel frames with glazed panels
- STAIRCASE – Types according to profile – straight flight, doglegged, quarter turn, half turn, bifurcated, spiral & helical. Types based on materials (timber, wood, steel, synthetic materials). Details of handrails & balusters. Designing and detailing for physically handicapped.

### **Suggested Readings**

1. Building Construction by B.C. Punmia
2. Engineering Materials by RANGWALA
3. Building Construction : Metric - Vol. 1 – 3 by W.B. McKay
4. Interior Design Illustrated by Francis D. K. Ching
5. Contemporary Ceilings Vol 1- 3 by IAG



# Raja Mansingh Tomar Music & Arts University, Gwalior, M.P.

## Diploma in Interior Design Syllabus 2025-26

### **PRACTICAL 2 - INTERIOR DESIGN STUDIO II**

- SHOPS – Planning for retail activity – anthropometrics, types of Shop layouts Modular units. Materials used in counters, shelves, worktops, their comparative study. Lighting & colour scheme – natural & artificial light.
- COMMERCIAL SPACES – The art of selling-displays/products/marketing, design of display units, design of boutiques, showrooms. Concepts in modern day Retail interiors – materials & finishes, colour, texture & pattern.
- SHOPPING MALLS – Product display – windows/internal displays/hierarchy of product display/power of visual communication/graphics. Exhibition spaces – display for exhibition, Lighting design for commercial spaces – task/display/atmospheric/focal lighting. Coloring commercial spaces – coding/decoding/visual communication. Design of commercial Environments such as Malls, Shopping Arcades, etc.
- CONSULTING OFFICE FOR PROFESSIONAL PRACTITIONER – Planning for small office – office of architects, interior designers, lawyer, and auditor – individual layouts, Modular units, play with levels. Lighting & colour scheme – natural & artificial light.
- CORPORATE OFFICE - Interior designing for multi-functional, multi-level planning, design and detailing of various work spaces, interactions zones. Design of corporate Environments such as BPO, corporate office.

#### **Suggested Readings**

1. Designs for 20th Century Interiors by Fiona Leslie
2. Building Codes Illustrated: A Guide to Understanding the International Building Code by Francis D. K. Ching
3. Interior Graphic Standards : Student Edition by Corky Binggeli
4. The Interior Design Course: Principles, Practices and Techniques for the Aspiring Designer by Tomris Tangaz
5. Interior Color by Design by Jonathan Poore

### **PRACTICAL 3 – PHOTOSHOP & 3DS MAX**

- Photoshop interface, creating and saving images
- Basic image editing
- Photoshop tool box and tools
- Using layers in photoshop
- Special effects in photoshop.
- INTRODUCTION TO 3DS MAX: An overview of GUI, types of modeling, transforming objects, Compound objects, modifiers & modifier stack.
- MODELLING TECHNIQUES: Lathing, displacement, lofting, Boolean operations using standard and compound primitives, modeling with lofts, low polygon modeling and nurbs modeling.
- TEXTURES AND TEXTURE MAPPING: Using material editor, material browser, mapping textures
- RENDERING: Lighting, cameras and render effects, environment mapping, fogs and atmospheres

#### **Suggested Readings**

1. Autodesk 3ds Max 2014 Bible by Kelly L. Murdock
2. Mastering Autodesk 3ds Max 2013 by Jeffrey M. Harper
3. “Adobe Photoshop CC 2015 Release Classroom in a Book” by Andrew Faulkner (Author), Conrad Chavez