

Raja Mansingh Tomar Music & Arts University, Gwalior, M.P.
Bachelor of Design Interior Design Syllabus (Four Years)

SUBMISSION DETAILS (PRACTICAL)

B. DESIGN INTERIOR DESIGN YEAR I

Semester – I

SUBJECT	SIZE	MIN. ASSIGNMENT	TOPIC & MEDIUM
Still Life & Nature Study	¼ size off white cartridge & handmade)	6 6 Total - 12	Pencil, Color Pencil Water Color, Poster Color
Human Form & Proportion	¼	6 20 Total - 26	Pencil - Front, Profile & Back View Pencil - Live Sketches
Perspective Sketching	¼	10	Pencil
Landscape	¼ Size off white cartridge & handmade)	8	Pencil, Color Pencil, Crayons, Water Color, Poster Color,

SCHEME OF EXAMINATION

B. DESIGN INTERIOR DESIGN YEAR I

Semester – I

Paper	Time	Size	Ext. Marks	C.C.E.	Total
Color Theory	3 Hrs.	-	70	30	100
World Art History	3 Hrs.	-	70	30	100
History of Indian Art	3 Hrs.	-	70	30	100
				Total	300
Practical			Ext. Marks	Internal Assignment	
Still Life & Nature Study	3 Hrs.	¼	60	40	100
Human Form & Proportion	6 Hrs.	¼	60	40	100
Perspective Sketching	3 Hrs.	¼	60	40	100
Landscape	6 Hrs.	¼	60	40	100
				Total	400
Grand Total					700

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B. DESIGN INTERIOR DESIGN YEAR I

Semester – I

PAPER – I (THEORY) - COLOR THEORY

- Types of colors
- Study of warm & cool colors
- Primary, Secondary & Tertiary Colors
- Pigments & Paints
- Color Wheel, Using color wheel to understand Hue, Value & Intensity
- Color Models (Additive Primary Colors & Subtractive Primary Colors)
- Color Harmony
- Visual effects, Psychology & Use of Color Theory in Interior Design

Suggested Reading –

1. Theory & Use of Color by Luigina De Grandis
2. Color by Betty Edwards
3. Design Elements, Color Fundamentals: A Graphic Style Manual for Understanding How Color Affects Design by Aaris Sherin

PAPER – II (THEORY) –WORLD ART HISTORY

- Cave Art, Mesopotamia, Ancient Egypt – Early Dynastic, Old Kingdom Architecture, Old Kingdom Sculpture & Painting, New Kingdom Architecture, Ramesside Art, Examples – Great Pyramids of Giza, Great Temples of Amun at Karnak. Evolution of Sumerian, Babylonian & Persian Culture – Ziggurat at Ur, Palace of Sargon at Khorsabad, Palace of Persepolis
- The Greeks – The Male Nude, The Polis, The Parthenon, Naturalism & Idealization, Scythians & The Animal Style, Hellenistic and Roman art – Hellenistic Architecture, Hellenistic & Roman Paintings & Mosaics, Roman Architecture & Sculpture, Greek Architecture – Doric, Ionic & Corinthian. Example – Parthenon at Athens, Erechtheion at Athens, Theater of Epidaurus, Agora & Stoa. Roman Architecture Examples - The Colosseum, Pantheon, Baths of Caracalla & Circus Maximus
- Early Christian and Byzantine art – Early Christian Art, Byzantine Art, Ecclesiastical Architecture, Evolution of church forms – St. Clemente in Rome. Development of the dome & pendentive in Byzantium – St. Sophia, Constantinople. Romanesque Architecture in Italy & Northern Europe – Formation of Guilds – Pisa Group in Italy, Abbye aux Hommes, Tower of London. Islamic Art – Umayyad Art & Architecture, Abbasid Art & Architecture, Semanid & Seljuk Architecture, Islamic Decoration
- Medieval Art – Gothic Art & Architecture, French Gothic – Evolution of vaulting & development of structural systems – Notre Dame in Paris. English Gothic – Westminster Abbey, Hampton court Palace in London, Doges Palace in Venice, Milan Cathedral.

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- The Renaissance through The Rococo – Beginnings of Italian Renaissance, Architecture & Sculpture in Italy, The High Renaissance in Italy, The Venetian High Renaissance, Mannerism, Baroque Art & Architecture. Features of a typical Renaissance palace – Palazzo Medici Riccardi. Study of contribution of the following architects – Brunelleschi, Michelangelo, Andrea Palladio - St. Peter in Rome, Villa Capra in Vicenza. French & English Renaissance – Architectural Characters in the classical & Rococo Period – Chateau de Chambord, Louvre in Paris. Study of works of Sir Christopher Wren & Inigo Jones – St Paul’s Cathedral in London, Banqueting House, Whitehall.
- Famous Artists – Donatello, Sandro Botticelli, Leonardo da Vinci, Michelangelo Buonarroti, Peter Paul Rubens, Gian Lorenzo Bernini, Francisco de Goya, Edouard Manet, Edgar Degas, Winslow Homer, Oscar Claude Monet, Pierre Auguste Renoir, Henri Rousseau

Suggested Reading –

1. A World History of Art by Hugh Honour
2. Sir Banister Fletcher's: History of Architecture
3. The Collins Big Book of Art: From Cave Art to Pop Art by David G Bilkins

PAPER – III (THEORY) – HISTORY OF INDIAN ART

- Buddha Period – Jogimara Caves, Paintings Of Jogimara Caves & Their Importance. Paintings In Ramayana & Mahabharat. Mauryan Empire – Pillar Inscriptions, Sarnath Capital, Yaksha Figures, Lomasha Rishi Cave, Animal Carvings, Terracotta. Hinayana and Mahayana Buddhism – Ashokan School of Architecture – Examples – Ashokan Pillar at Sarnath, & Sanchi stupa. Buddhist rock cut architecture – Salient features of a Chaitya hall and Vihara, - Examples – Chaitya hall at Karli, Vihara at Nasik, Concept and evolution of Hindu Temple – Early shrines of the Gupta and Chalukyan periods – Tigawa temple, Ladh Khan temple and Durga Temple, Aihole – Development of the Indo-Aryan & Dravidian Style-Examples – Papanatha and Virupaksha temple at Pattadakal.
- Gupta Period – Sculpture & Paintings. Ajanta – Technique of Ajanta Mural, Subject Matter of Ajanata Caves, Painting of Ajanta Caves. All Caves (Chaityas & Viharas) Their Paitings, Relief Murals. Early Medieval Period: Bagh Caves, Elephanta Caves, Badami Caves, Ellora Caves, Mahabalipuram, Chola S, PallavaDyansty. Dravidian style – Rock cut architecture of Pallavas – Mandapas & Rathas Example of masonry temples – Shore Temple, Mahaballipuram and Kailasanathar temple, Kanchipuram – Evolution of the Dravidian Orders – Example of the Chola style – Brihadeeswarar Temple, Tanjore – Evolution of Gopuram & temple complexes during Pandyan period – Examples – Meenakshi Amman temple, Madurai. - Salient features of an Indo Aryan Temple – Examples at Orissa – Lingaraja Temple, Bhubaneswar & Sun Temple, Konarak – Example at central India – Kandariya Mahadeva temple, Khajuraho – Example at Gujarat – Surya Temple, Modhera.
- Influences on Islamic Architecture – Evolution of the Islamic Arch – Salient features of an Indian mosque Development of the Imperial style by the kings of the Slave dynasty-Example – Qutb Minar Complex, Varieties of squinch – Alai Darwaza, Delhi – Tomb of Ghiyasuddin Tughlaq & Khirki Masjid – Shish Gumbad & Purana Qila, Delhi. Development of the provincial styles in different regions – Example of Punjab style – Tomb of Shah Rukni Alam – Example of Bengal style – Chota sona masjid. Gaur – Example of Jaunpur style – Atala masjid – Example of Gujarat style – Jami masjid, Ahmedabad – Examples of Deccan style – Gol Gumbaz, Bijapur, & Charminar, Hyderabad.
- Later Medieval Period: Miniature Paintings of Mughal School, Rajput School & Pahari School. Their Styles, Techniques, Subject Matter, Characteristics Etc. Folk & Tribal Art of India – Kalighat, Madhubani, Tanjore, Pattachitra, Warli, Phad Etc. Development of the Mughal style under the different rulers – Babur, Humayun, Akbar, Jahangir, Shahjahan, Aurabgazeb – Important examples – Humayun’s Tomb, Delhi, Fatehpur Sikhri (lay out, Buland darwaza, Diwan-i-Khas, Tomb of Salim Chisthi & Jami masjid) Akbar’s Tomb at Sikandara – The Taj Mahal, Agra – Red Fort, Delhi (Diwan-i-Am, Rang Mahal).

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- Monumental buildings of Early colonial period – Examples – St. Paul’s Cathedral, Calcutta & Bombay Town Hall – Architectural character of Indo-Saracenic and Classical revival – University of Madras Senate House & Victoria Memorial hall, Calcutta – Later Colonial period – Contribution of Edwin Lutyens & Herbert Baker to the lay-out and Architecture of New Delhi – Rashtrapathi Bhavan & Parliament House.
- Renaissance in India – (Patna) Company School – Raja Ravi Verma. Bengal School – Abanindranath Tagore, Nandalal Bose, Jamini Roy, Rabindranath Tagore. Art Centers – Bombay, Calcutta, Baroda, Delhi, Madras. M.F. Hussain, Bendre, Souza, Raza Chintamanikar, Dhanraj Bhagat Etc. Contemporary Art & Artists – Amrita Shergil, Kshitindra Nath Majumdar, Asit Kumar Haldar, D.P. Roy Chowdhury, M.F. Hussain, Ramkinkar Baij, Shanku Choudhary, Shri Madan Bhatnagar. Their Work of Style, Technique, Medium, Subjects & Paintings.

Suggested Reading –

1. History of Fine Arts in India & the West by Tomory E.
2. Indian Architecture: Buddhist and Hindu by Percy Brown
3. Indian Architecture: Islamic Period by Percy Brown
4. The Art & Architecture of the Indian Subcontinent (The Yale University Press Pelican History of Art Series) by Harle, J C

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B. DESIGN INTERIOR DESIGN YEAR I

Semester – I

PRACTICAL

PRACTICAL 1 - STILL LIFE & NATURE STUDY

- Study of various objects in pencil & color (cube, sphere, cone, etc)
- Study of drapery, pots, jugs, glass, random objects.
- Study of various forms of nature – leaves, flowers, plants, fruits, etc.

PRACTICAL 2 - HUMAN FORM & PROPORTION

- Mannequin with Proportions – Male & Female
- Front, Profile & Back View
- Human Gestures
- Life Drawing – with model & scenes from daily life

Suggested Reading –

1. Human Dimension and Interior Space: A Source Book of Design Reference Standards by Julius Panero & Marin Zelnik
2. Bridgman's Complete Guide to Drawing from Life by George B Bridgman

PRACTICAL 3 - PERSPECTIVE SKETCHING (Free Hand)

- Fundamentals of perspective
- One point, Two Point & Three Point Perspective
- Eye Level & Vanishing Point
- Make free hand sketches of room interiors, etc.

Suggested Reading –

1. Perspective Drawing Handbook (Dover Art Instruction) by Joseph D Amelio
2. Perspective for Interior Designers by John Pile

PRACTICAL 4 – LANDSCAPE PAINTING

- Landscapes in Monochrome (greyscale, warm colors & cool colors) & Multichrome
- Study of texture & patterns
- Relationship between texture & patterns
- Demonstrate how pattern can become textures

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SUBMISSION DETAILS (PRACTICAL)

B. DESIGN INTERIOR DESIGN YEAR I

Semester – II

SUBJECT	SIZE	MIN. ASSIGNMENT	TOPIC & MEDIUM
Geometric Construction (2D)	A2, A3, A4	25	Pencil, Color Pencil, Poster Color
Form & Space	A3, A4	20	Pencil, Color Pencil, Water Color, Poster Color
Environmental Exposure	¼	10	Pencil
Skill Project - 1	-	10	Wood, POP, Polystyrene, Thermocol, Metal (aluminum or brass) & Clay

SCHEME OF EXAMINATION

B. DESIGN INTERIOR DESIGN YEAR I

Semester – II

Paper	Time	Size	Ext. Marks	C.C.E.	Total
History of Contemporary Art	3 Hrs.	-	70	30	100
Theory of Design Process	3 Hrs.	-	70	30	100
Form & Space	3 Hrs.	-	70	30	100
				Total	300
Practical			Ext. Marks	Internal Assignment	
Geometric Construction (2D)	6 Hrs.	¼	60	40	100
Form & Space	6 Hrs.	¼	60	40	100
Environmental Exposure	2 Days	¼	60	40	100
Skill Project - 1	6 Hrs.	-	60	40	100
				Total	400
Grand Total					700

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Semester – II

PAPER – I (THEORY) – HISTORY OF CONTEMPRARY ART

- Realism and Impressionism – Romanticism, Romantic Landscape Paintings, Historicism & Realism, Impressionism, Neo Impressionism, Symbolism, Art Nouveau & New Architecture
- Fauves & Expressionism - Andre Derain, Henri Matisse, Raul Duffy. Cubism – Pablo Picasso, George Braque, Fernand Leger, Picasso & Braque – Analytical & Synthetic Cubism, Futurism
- Dada & Surrealism – Salvador Dali, Magritte & Miro, Welded Metal a revolution in sculpture, Constructivism, De Stijl & International Style – The Bauhaus, Art Deco, Mondraian, Memphis
- Post Art to Post Modern – Abstract Expressionism, Pop Art, Photographic Imagery, Minimal Art, Conceptual Art, Arte Povera, Body Art & Process Art, Earth & Land Art, Modernism & Post Modernism – Vincent Van Gogh
- Reasons for the evolution of Modern Architecture, Origins-Neo Classicism-Enlightenment, Social revolutions, Historiography, Revivalism-Works of Soane, Ledoux, Boulee Durrand & Schninkel. Industrial revolution and its impact – Emergence of new building typologies-New Materials and Technologies: history of steel, glass and concrete.
- Arts & Crafts movement in Europe and America; Art nouveau, and the works of Horta, Guimard, Gaudi and Macintosh; Organic Architecture – Early works of F.L. Wright, Chicago school; Art deco Architecture in Europe and America.
- Vienna Secession, Adolph Loos and debates on ornamentation; Futurism, Expressionism works of Mendelssohn & Taut, Cubism, Constructivism, De Stijl and their influence on Architecture. Bauhaus school & Walter Gropius, Modernism and the International style. Contribution of Frank Lloyd Wright, Charles Seams.
- Criticisms of Modern Architecture; Post Modernism, Collage, Technology and new science, Pop art Deconstruction, Critical Regionalism with examples from works of 2nd & 3rd generation architects.
- Corbusier' works in India – Chandigarh and the Ahmedabad buildings – their influence on the modern rationalists; Louis Kahn's works in India – their influence on the empiricists; Post-Nehruvian modernist architecture – modernism, utilitarian modernism and neo-modernism, brutalism. Criticisms on the modern community architectural movement; integrating the new and the old; revivalism in religious and secular buildings; revivalism and post-modernism.

Suggested Reading –

1. A World History of Art by Hugh Honour
2. Sir Banister Fletcher's: History of Architecture
3. Modern Architecture: A Critical History (World of Art) by Kenneth Frampton
4. India (Modern Architectures in History) by Peter Scriver
5. Concise History of Modern Architecture in India by Jon Lang
6. The Art & Architecture of the Indian Subcontinent (The Yale University Press Pelican History of Art Series) by Harle, J C

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PAPER – II (THEORY) – THEORY OF DESIGN PROCESS

- What is Design? How to Design?
- Problem Solving Process
- Information Required to Start Design.
- How to get information?
- Design Principles – Ratio, Proportions – Golden section, relationships, scale
- Balance – Symmetrical, Radical, Occult, Harmony, Unity, Variety, Rhythm, Emphasis
- Design Process- Analysis, Synthesis, Design Evaluation
- Design Criteria – Functions & purpose, Utility & Economy, Form & Style
- Human Factors – Human Dimensions, Distance Zones, Activity Relationships,
- Fitting the space – Plane Arrangements, Function, Aesthetics
- What is Interior Design?
- Difference between Interior Designer & Decorator

Suggested Reading –

1. Design for The Real World by Victor Papanek
2. Design Process: A Primer for Architectural and Interior Design by Sam F. Miller
3. Design Thinking Process and Methods 3rd Edition by Robert Curedale

PAPER III (THEORY) – FORM & SPACE

- Primary Elements – Point, Two Point, Linear Elements Defining Space, Planar Elements, Volume & Volumetric Elements
- Form – Properties of Form, Primary Shapes, Regular & Irregular Forms, Transformation of Form, Different Forms – Additive, Centralized, Linear, Radical, Clustered, Grid, Rotated Grid
- Relationship Between Form & Space – Form Defining Space, Base & Overhead Planes, Vertical & Linear Elements Defining Space, L Shaped & U Shaped Plane, Openings in Space Defining Elements, Organization of Form & Space, Spatial Relationships, Space within a space, Organizations – Centralized, Linear, Radical, Clustered, Grid
- Proportion & Scale – Material, Structural & Manufactured Proportions, Proportioning Systems, Golden Sections, Renaissance Theories

Suggested Reading –

1. Architecture: Form, Space, and Order by Francis D.K. Ching

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B. DESIGN INTERIOR DESIGN YEAR I

Semester – II

PRACTICAL

PRACTICAL 1 – GEOMETRIC CONSTRUCTION (2D)

- Using Ruler, Scale, Set Square, Compass, etc.
- Basic Geometry Shapes with Measurements & Angles – such as Hexagon, Pentagon, Octagon, Triangle, etc.
- Isometric Grids – Learn to make isometric grids
- Isometric projections of platonic solids (Cube, cuboid, hexagonal prism, pyramids, cone, sphere, etc.)
- Using isometric grids to make 3D Drawings like tables, chairs, cylinders, spherical elements, etc. (using light table)
- Axonometric Drawings of Interior Views
- Introduction to Orthographic projections
- Introduction to Drafting Table
- Plan, Elevation of Basic Objects – Lines & Planes
- Drawings in a format – A4, A3, A2.

Suggested Reading –

1. Drawing: A Creative Process by Francis D.K. Ching
2. Drawing Geometry: A Primer of Basic Forms for Artists, Designers and Architects by Jon Allen
3. Architectural Graphics by Francis D.K. Ching

PRACTICAL 2 - STUDY OF FORM & SPACE (2D)

- What is form?
- What is space?
- Exercises to understand space & form using different mediums like color, pencil, etc.
- Relationship between space & form.
- Study of illusion (2D) in both pencil & color

Suggested Reading –

1. Architecture: Form, Space, and Order by Francis D.K. Ching
2. Interior Design Illustrated by Francis D.K. Ching
3. Drawing Visual Illusions by Natalie Sirett
4. Masters of Deception: Escher, Dali and the Artists of Optical Illusion by Al Seckel

PRACTICAL 3 – ENVIRONMENTAL EXPOSURE

- Choose a site in the city (Micro – Environment) like a busy tea stall, shop, temple, etc.
- List all activities & changes that are happening in that micro environment with timing
- List all the elements affecting the micro environment causing change
- Make live sketches of the changes happening at different timing during the day till night.
- Make sketches on different days but same timings and compare changes.

PRACTICAL 4 – SKILL PROJECT I

- Learning to use all the hand tools - basic cutting, chiseling, sawing, etc.
- Making Basic Geometrical Shapes like cube, etc. from Wood, POP, Polystyrene, Thermocol, Metal (aluminum or brass) & Clay using all the hand tools.

Suggested Reading –

1. Working with Hand Tools: Essential Techniques for Woodworking by Paul N. Hasluck