

INTERIOR DESIGN STUDIO -II  
II SEM

Paper Code – MVOCID 102	INTERIOR DESIGN STUDIO -II	L	S	C
		2	8	6

**INSTRUCTIONS TO PAPER SETTERS :**

Studio /Practical examination should be conducted on the spot. No theory question paper is required to be set. Question should cover the entire syllabus. The exam is divided into three parts.

1. Practical exam consisting of Sketches and Scale Drawings with specifications (40M)
2. Portfolio of Studio work ( 10M)
3. Viva-Voce on the entire work(10)
4. Total Marks –(60)

**Objective & Pre –requisite:** Students to study interiors of diversified nature of commercial spaces understanding and empathizing with the design problems, simple solving techniques

**Unit –I Design of an Art Gallery –**

Detail study of Art Galleries in the city. The project should include a case study of the existing area dimensioning and redesigning the same. The case study to include layout plan, furniture ,color and light details and concepts .

**Unit –II The Drawings should include the following**

- Layout Plan, Working plan
- Elevations, Sections, Furniture Details
- Material Specifications and finishes
- Electrical and Ceiling details
- Three Dimensional Views, Sketches.

**Unit –III Design of a Showroom (Branded Commodity)**

- Male –Female apparels, Foot wear, Jewellery, Watches etc.
- Details study of Showrooms of Mall and Other market areas of Metropolitan City.

**Unit –IV Design proposal for any showroom. Preparing presentation and working drawings for the same .**

- Layout Plan, Working plan
- Elevations, Sections, Furniture Details
- Material Specifications and finishes
- Electrical and Ceiling details
- Three Dimensional Views, Sketches, Color schemes

**Note :-**Students to prepare project portfolio on the above topic consisting of 2D & 3D drawings and submit for the evaluation.

**Text: -** 1 Architectures of Display: Department Stores and Modern Retail, Anca I. Lasc, Patricia Lara-Betancourt, Margaret Maile Petty

2 Retail Design International 2: Components, Spaces, Buildings, Pop-Ups, Author Jons Messedat.

3. Retail Design International, Author Jons Messedat

**Reference:-**

1. World Shop Front Design, Author Sergio Mannino
2. Designing Exhibitions. Museum., Heritage, Trade and World Fair. By Giles Vilard

**M.VOC- INTERIOR DESIGN  
LANDSCAPE DESIGN STUDIO -II  
II SEM**

Paper Code – MVOCID104	LANDSCAPE DESIGN STUDIO -II	L	S	C
		1	4	3

**INSTRUCTIONS TO PAPER SETTERS :**

Studio /Practical examination should be conducted on the spot. No theory question paper is required to be set. Question should cover the entire syllabus. The exam is divided into three parts.

1. Practical exam consisting of Sketches and Scale Drawings with specifications (40M)
2. Portfolio of Studio work ( 10M)
3. Viva-Voce on the entire work(10)
4. Total Marks –(60)

**Objective & Pre –requisite:** Knowledge of History of landscape and its parameters .Incorporating landscape in Interiors effectively. Using of greens capes in built environment functional as well as for improving Aesthetic.

**Unit –I** Traces of Landscape Planning and Designing -

- Pre – historic through Eastern Egyptian,
- Roman, Mughal.
- Medieval gardens to Renaissance,
- Italian, French and English.

**Unit –II** Study the work of some of the Renowned Landscape Architects -

- Akshya Kaul
- Haussmann's ,Paris
- Lutyen's Delhi
- Le carbusiours ,Chandigarh

**Unit –III** Project on Landscape

- Incorporating Landscape in Commercial,
- Residential and office buildings
- Usage of Indoor Plant in Interior Spaces to improve the air quality and environment.

**Unit –IV** Microclimate –Definition and characteristics.

- Air pollution: indoor and outdoor, sources, consequences and solutions.  
Climate comfort index as per landscaping.
- Cases study of the following areas- Public Park System,
- Landscape of Historical Monuments, Office Buildings and Residence

**Note :-**Students to prepare project portfolio on the above topic consisting of 2D & 3D drawings and submit for the evaluation

**Text: -**1 New Landscape Architecture, Schaal, Hans Dieter(1993)

2 An Introduction to Landscape, Laurie, Michael, 2nd edition, Prentice Hall, New Jersey, 1986.

3. A Guide to Interior Landscapes, Gerald Robert Vizenor Univ of Minnesota Press, 1990.

**Reference:-**

1. The History of Landscape Design by Linda Chisholm
2. Laurie, Michael, An Introduction to Landscape. 2nd edition, Prentice Hall, New Jersey 1986.
3. Trivedi. P.Prathiba. Beautiful Shrubs. Indian council of Agricultural Research. New Delhi, 1990.



4Hacheat, Blan. Plant Design.

- Gerald Robert Vizenor , A Guide to Interior Landscapes, Univ of Minnesota Press, 1990.
- Nelson Hammer and Mel Green, Interior Landscape Design, Mc Graw Hill, 1991
- Laurie, Michael, An Introduction to Landscape. 2nd edition, Prentice Hall, New Jersey, 1986.
- Trivedi. P.Prathiba. Beautiful Shrubs. Indian council of Agricultural Research. New Delhi, 1990.
- Hacheat, Blan. Plant Design.
- Gerald Robert Vizenor , A Guide to Interior Landscapes, Univ of Minnesota Press, 1990.
- Nelson Hammer and Mel Green, Interior Landscape Design, Mc Graw Hill, 1991.

Buchanan, R. (1992). Wicked Problems in Design Thinking. In Design Issues, Vol. 8, No. 2. (Spring, 1992), pp. 5-21.

Cross, N. (2001). Designerly Ways of Knowing: Design Discipline versus Design Science.

ii.

Cross, Nigel. Design Thinking: Understanding How Designers Think and Work. Oxford/New

iii.

York: Berg, 2011, 3-30.

Julier, Guy. The Culture of Design. London: Sage Publications, 2000, 1-64

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**M.VOC- INTERIOR DESIGN**

**PRODUCT DESIGN & WORKSHOP - II**  
**II SEM**

Paper Code – MVOCID 106	PRODUCT DESIGN & WORKSHOP - II	L	S	C
		1	4	3

**INSTRUCTIONS TO PAPER SETTERS :**

Studio /Practical examination should be conducted on the spot. No theory question paper is required to be set. Question should cover the entire syllabus. The exam is divided into three parts.

1. Practical exam consisting of Sketches and Scale Drawings with specifications (40M)
2. Portfolio of Studio work ( 10M)
3. Viva-Voce on the entire work(10)
4. Total Marks –(60)

**Objective & Pre –requisite:** Students learn about the product is to create a good or service with excellent functional utility and sales appeal at an acceptable cost and within a reasonable time. The **product** should be produced using high-quality, low-cost materials and methods.

**Unit –I** Designing for the Old Age Persons

- Design different types of Furniture/ Accessories / Lighting Fixture (Residential / Commercial areas)
- Types of Materials
- Finishing
- Cost effective

**Unit –II** Designing for the Special Need Persons.

- Design different types of Furniture/ Accessories/Lighting Fixture (Residential / Commercial areas)
- Types of Materials
- Finishing
- Cost effective

**Unit –III** Designing for the Airports

- Design different types of Furniture/ Accessories/Lighting Fixture
- Types of Materials
- Finishing
- Cost effective

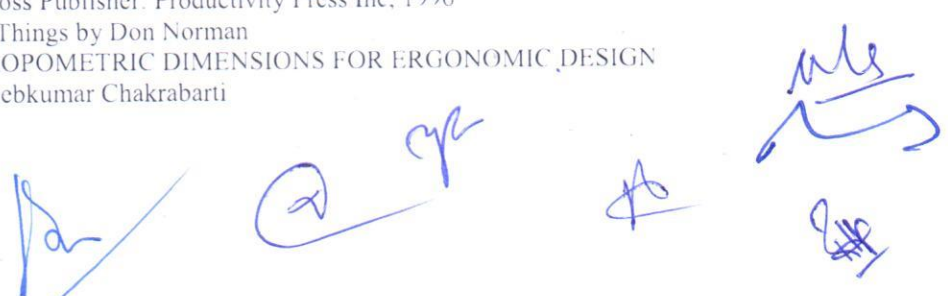
**Unit –IV** Workshop Assignment

- Designing & making of any of the product from the above topic.
- Product to be made in a workshop
- **Note – Student must have a knowledge what kind of machineries are use in the industry, what kind of atmosphere, what kind of projects they do, etc. all these important for product design students, to have this experience students must have to visit industries and factories for the outdoor class.**

**Text : -**

4. Product Design and Development by Karl T. Ulrich and Steven D. Eppinger McGraw-Hill 1995,2000, 2004
5. Product Design: A Practical Guide to Systematic Methods of New Product Development by Mike Baxter.

**Reference :-**

1. The Right Fit: The Power of Ergonomics As a Competitive Strategy by Clifford M. Gross Publisher: Productivity Press Inc, 1996
  2. Design of Future Things by Don Norman
  3. INDIAN ANTHROPOMETRIC DIMENSIONS FOR ERGONOMIC DESIGN PRACTICE By Debkumar Chakrabarti
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Design for Success: A Human-Centered Approach to Designing Successful Products and Systems by William B. Rouse

Product design: fundamentals and methods by N. F. M. Roozenburg, J. Eekels

ii.

By Richard Morris

The Fundamentals of Product Design

History of Modern Design: Graphics and Products Since the Industrial Revolution By David Raizman

ii.

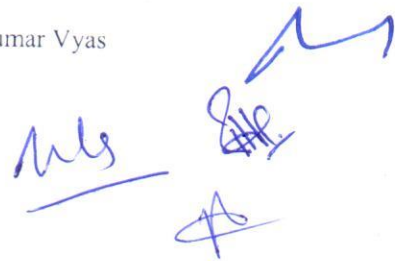
Design History: A Student's Handbook by Hazel Conway, Routledge,

iii.

Design The Indian Context By H Kumar Vyas

iv.

"Design the International Movement with Indian Parallel". by Prof. H Kumar Vyas





M.VOC- INTERIOR DESIGN

DISPLAY AND VISUAL MERCHANDISING-II  
II SEM

Paper Code – MVOIC 108	DISPLAY AND VISUAL MERCHANDISING-II	L	S	C
		1	4	3

**INSTRUCTIONS TO PAPER SETTERS :**

Studio /Practical examination should be conducted on the spot. No theory question paper is required to be set. Question should cover the entire syllabus. The exam is divided into three parts.

1. Practical exam consisting of Sketches and Scale Drawings with specifications (40M)
2. Portfolio of Studio work ( 10M)
3. Viva-Voce on the entire work(10)
4. Total Marks –(60)

**Objective & Pre –requisite:** This subject intended to provide skills for designing different type of Display and Exhibition areas with emphasis on transformation latest materials, concept, technology, design etc.

**Unit –I**

- Study of trends of Display windows of branded stores. Such as Jewellery, Male – Female clothing, Leather products, Watches etc.
- Sketches and visit reports to be prepared
- Design problem of Display areas in commercial space of any commodity

**Unit –II**

- Study of International Exhibitions
- Layout, structure lights, finishes and study of flow diagram for movement
- Two dimension and Three dimension drawings, sketches, details, finished to be prepared for presentation.

**Unit –III**

- Study of Signage Board used in the commercial and public building area preparing.
- Preparing drawings of the existing as well as designing of various signage study of Different areas.
- Design of Name Plates, company LOGOS, Materials, Style of Text and Finishes.

**Unit –IV**

- Design an Event which are organized at the State Level for promoting Handicrafts and Artisans.
- Two dimensional and three dimensional drawings including layout plan, work plan, elevations, perspective views, details of structures.
- Flow diagrams, Electrical and light details, color concepts are to be prepared and presentation to be given by the students.

**Text :-**

1. Time Saver standards for Interior Design & space planning, 2nd edition, Mc-Graw Hill professional, 2001. Joseph D Chiara, Julius Panero, & Martin Zelnick
2. Space planning Basics, Van Nostrand Reinhold, New York, 1992, Karlen Mark

**Reference :-**

1. Design of Everyday Things, Currency Books, New York, 1990. D. Norman
2. Universal Principles of Design by William Lidwell, Kritina Holden, Jill Butler  
Publisher: Rockport

**M.VOC- INTERIOR DESIGN**  
**MATERIAL SURVEY AND FINISHES - I**  
**II SEM**

Paper Code – MVOCID 110	MATERIAL SURVEY AND FINISHES - I	L	S	C
		1	4	3

**INSTRUCTIONS TO PAPER SETTERS :**

Studio /Practical examination should be conducted on the spot. No theory question paper is required to be set. Question should cover the entire syllabus. The exam is divided into three parts.

1. Practical exam consisting of Sketches and Scale Drawings with specifications (40M)
2. Portfolio of Studio work ( 10M)
3. Viva-Voce on the entire work(10)
4. Total Marks –(60)

**Objective & Pre requisite:** . Students will study building materials, finishes and its application in Interiors based on its properties, advantages and disadvantages with a number of site visits and market study.

**Unit –I Material Specifications and Finishes for -**

- Wall, Ceiling and Floor areas of Interiors of Residence, Commercial and Public building.
- Visual quality of materials in terms of Finishes through color Texture, Modulation, Pattern Evaluation, Workmanship, Manufacturers.

**Unit –II Glass its usage in Interiors**

- Fabrication of Glass, Types of Glasses and its Applications in different Interior Areas □ Furniture Making, Partition, Paneling, Ceiling, Doors and Windows and Floorings
- Finishes & Treatments on glass. Techniques and effects. Specifications and Manufacturers.

**Unit –III Finishes on various surfaces –**

- Different Finishes for Wood and Metals used in Interiors such as Polishing
- Powder Coating
- Application and effects

**Unit –IV Hardware used in Interiors**

- Hardware used in Furniture
- Hardware used in Doors and windows
- Hardware used in Flooring & Ceiling

**Note :- Market Survey to be conducted to learn about the commercial and technical terminology, applications, Properties, feasibility, sizes, commercial methods of pricing . Students to prepare file and documentation of market surveys.**

Text: - 1. Construction: Planning Techniques and Methods of Construction, 19th ed Dhanpat Bindra, S.P. and Arora, S.P. Rai Pub., New Delhi, 2000.

2. Elementary Building Construction, Technical Press Ltd. Moxley, R. Mitchell's

**Reference :-**

3. Building Construction 22nd ed Charota Pub. House Anand, 2004. Rangwala
4. Building Construction 19th ed. Standard Pub. Delhi, 2003. Sushil Kumar.

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MINOR PROJECT  
II SEM

Paper Code – MVOCID 112	MINOR PROJECT	L	S	C
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**INSTRUCTIONS TO PAPER SETTERS :**

Studio /Practical examination should be conducted on the spot. No theory question paper is required to be set. Question should cover the entire syllabus. The exam is divided into three parts.

1. Practical exam consisting of Sketches and Scale Drawings with specifications (40M)
2. Portfolio of Studio work ( 10M)
3. Viva-Voce on the entire work(10)
4. Total Marks –(60)

**Objective & Pre \_requisite:** Students to deal and manage with large scale projects, which would emphasize on public area and space planning techniques. It also intended to enhance skills for designing interior spaces with emphasis on refurbishing and adaptive re-use as one of the important aspects in interior design..... A live site or space will be base and students will study the functional and aesthetical essence of the building.

Students have to undergo six weeks training during the vacation period and shall submit the work done for evaluation.

**Unit –I** Case Study of an Auditorium Design/Multiplex. A project should include the detail Study of the area.

- Finishes for Wall, and Floor areas of Interiors of Residence, Commercial, Public.
- Visual quality of materials in terms of Finishes through color Texture, Modulation, Pattern Evaluation, Workmanship, Manufacturers.

**Unit –II** Two Dimensional and three dimensional drawing of the existing area, sketches and documentation and write ups

**Unit –III** Study of material specifications, lights and electrical design, services should include - Plumbing, Fire Fighting, Smoke Detector, Acoustics, Air Conditioning etc.

**Unit –IV** Presentation of the Case Study. Using any Software and submission of hard copy .

**Note –Students should submit the project for evaluation in proper folder Text :-**

1. Time Saver standards for Interior Design & space planning, 2nd edition, Mc-Graw Hill professional, 2001. Joseph D Chiara, Julius Panero, & Martin Zelnick
2. Interior Design Illustrated, 2nd edition, Wiley publishers, 2004, Francis.D. Ching & Corky Bingelli

**Reference :-**

1. Space planning Basics, Van Nostrand Reinhold, New York, 1992, Karlen Mark



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2. Human Dimension & Interior Space: A source book of Design Reference standards.  
Watson – Guptill, 1979, Julius Panero & Martin Zelnick
  3. Interior Design, 2nd edition, illustrated, H.N.Abrams, 1995, John.F. Pile
  4. Design of good acoustics, The architectural press, London, 1961 Moore J.E.

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**M.VOC- INTERIOR DESIGN  
INTERIOR DESIGN STUDIO - III  
III SEM**

Paper Code – MVOCID 201	INTERIOR DESIGN STUDIO - III	L	S	C
		2	8	6

**INSTRUCTIONS TO PAPER SETTERS :**

Studio /Practical examination should be conducted on the spot. No theory question paper is required to be set. Question should cover the entire syllabus. The exam is divided into three parts.

1. Practical exam consisting of Sketches and Scale Drawings with specifications (40M)
2. Portfolio of Studio work ( 10M)
3. Viva-Voce on the entire work(10)
4. Total Marks –(60)

**Objective & Pre –requisite:** To understand the design process of office various functional aspects and technological advances . Design thinking process, understanding and empathizing with the design problem.

**Unit –I** Design of an Office -

- Design of a Designer's Office – Fashion Design/Textile Design/Interior Designers.
- Study of any one existing office space, Requirements, Layout, Furniture, Storage, Colour Scheme.
- Light and electrical details and concepts, service details, and material Specifications.

**Unit –II**

- Presentation drawings and sketches to be prepared.
- Documentations with the help of photographs and write up.

**Unit –III** Design of MNC Office –

- Design proposal to be prepared for the existing site area.
- Presentation and working drawings to be prepared- Plan, Elevations, Sections, Furniture Details.

**Unit –IV**

- Services including Electrical , Air conditioning, Plumbing and Sanitation, fire fighting, Smoke
- Estimation of cost to be prepared for the over all projects.

Note :- Mood Board to be prepared for presentations and group discussions .

**Text:** - 1 Time Saver standards for Interior Design & space planning, 2nd edition, Joseph D Chiara, Julius Panero, & Martin Zelnick Mc-Graw Hill professional, 2001.  
2. Space planning Basics, Karlen Mark, Van Nostrand Reinhold, New York, 1992.  
3. Francis.D. Ching & Corky Bingelli, Interior Design Illustrated, 2nd edition, Wiley publishers, 2004

**Reference :-**

1. The Interior Design, Reference + Specification Book – Chris Grimley + Mimi Love
2. Space Planning Basics – Markkarlen ,Rob Fleming, Wiley
3. Julius Panero & Martin Zelnick, Human Dimension & Interior Space: A source book of Design Reference standards, Watson – Guptill, 1979.
4. Designing with Light – The Art, Science and Practice of Architectural Lighting Design – Jason Livingston

**M.VOC- INTERIOR DESIGN  
ENTERPRENEURSHIP & LEGAL ETHICS  
III SEM**

Paper Code – MVOCID 203	ENTERPRENEURSHIP & LEGAL ETHICS	L	S	C
		1	4	3

**INSTRUCTIONS TO PAPER SETTERS :**

Studio /Practical examination should be conducted on the spot. No theory question paper is required to be set. Question should cover the entire syllabus. The exam is divided into three parts.

1. Practical exam consisting of Sketches and Scale Drawings with specifications (40M)
2. Portfolio/Project file of Studio work ( 10M)
3. Viva-Voce on the entire work(10)
4. Total Marks –(60)

**Objective & Pre –requisite:** This program will build business acumen and set the stage to build a viable business that is driven by design. Sustainable best practices are integrated throughout the program ensuring that how to make decisions that considers the environmental and social impacts along with economic success. Case studies of some of the successful Design projects are discussed.

**Unit –I Entrepreneur**

- Types of Entrepreneurs – Difference between Entrepreneur and Intrapreneur
- Entrepreneurship in Economic Growth,
- Factors Affecting Entrepreneurial Growth.

**Unit –II – Major Motives Influencing an Entrepreneur**

- Achievement Motivation Training, Self Rating, Business Games,
- Thematic Apperception Test – Stress Management,
- Entrepreneurship Development Programs – Need, Objectives.

**Unit –III – Small Enterprises**

- Definition, Classification – Characteristics,
- Ownership Structures – Project Formulation – Steps involved in setting up a Business – identifying, selecting a Good Business opportunity, Market Survey and Research, Techno Economic
- Feasibility Assessment – Preparation of Preliminary Project Reports – Project Appraisal –Sources of Information – Classification of Needs and Agencies.

**Unit –IV Design Management –**

- Introduction to fundamentals Design Business Management - Introduction the Design Studios and work environment in India and other countries.
- Design and Marketing – Differentiation through Design
- Design and Innovation – Coordination and exploration
- Design and Strategy: Transformation through Design, Design Firm

**Text:** - 1. Design Management: Using Design to Build Brand Value and Corporate Innovation By Brigitte Borja de Mozota  
2 Strategic Management of Innovation and Design By Pascal Le Masson, Benoît Weil, Armand Hatchuel

**Reference :-** 1. Public Innovation through Collaboration and Design edited by Christopher Ansell, Jacob Torfin

2. Entrepreneurial Development , Dr. S.S.Khanka by S. Chand



**M.VOC- INTERIOR DESIGN  
CONSTRUCTION AND INTERIOR SERVICES  
III SEM**

Paper Code – MVOCID 205	CONSTRUCTION AND INTERIOR SERVICES	L	S	C
		1	4	3

**INSTRUCTIONS TO PAPER SETTERS :**

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1. Practical exam consisting of Sketches and Scale Drawings with specifications (40M)
2. Portfolio of Studio work ( 10M)
3. Viva-Voce on the entire work(10)
4. Total Marks –(60)

**Objective & Pre –requisite:** To interconnect students between Architecture and interior spatial Design with respect to various Architectural elements and correlating the same in interiors.

**Unit –I** Doors and Windows -

- Design and details of different types of doors and windows.
- Systems associated with each .
- Material specifications and finishes

**Unit –II** – Design and Details of Fixing of different materials and finishes for

- Wall – Wall Paneling, wall paper
- Ceiling – False Ceiling, ca
- Floor – Different types of flooring tiled ,timber ( natural and artificial material finishes)

**Unit –III** Study of design and details of the following along with the materials and finishes

- Pergolas
- Porticos
- Drive Ways
- Column and Pillars
- Compound Walls and gates
- Staircases

**Unit –IV** Installation and planning of the following in the building .

- Fire Safety equipments, Smoke Detectors , Water Sprinklers
- Air Conditioning
- Electrical fittings and fixtures

**Note** – Students to prepare scaled drawings and study reports for evaluation .


**Text:** - 1 Francis D K Ching- Building Construction Illustrated –Wiley

2. Moxley, R. Mitchell.s Elementary Building Construction, Technical Press Ltd.

3 Chowdary, K.P. Engineering Materials used in India, 7th ed. Oxford and IBH, Delhi.

4. Construction: Materials and types of Construction, 3rd ed. John Wiley and Sons. Inc., New York, 1963.

**Reference :-**

1. Materiality and Interior Construction – Gesimondo. Jim Postell Sustainable living Green Design ; Designerbooks
  2. Moore J.E. , Design of good acoustics. The architectural press, London, 1961.
  3. Materiality and Interior Construction – Gesimondo. Jim Postell Sustainable living – Green Design ; Designer books.
  4. Wanda jankowski, Lighting : In Architecture and Interior Design, pbc intl, 1995.
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**M.VOC- INTERIOR DESIGN  
ESTIMATING & BUDGETING  
III SEM**

Paper Code – MVOCID 207	ESTIMATING & BUDGETING	L	S	C
		1	4	3

**INSTRUCTIONS TO PAPER SETTERS :**

Studio /Practical examination should be conducted on the spot. No theory question paper is required to be set. Question should cover the entire syllabus. The exam is divided into three parts.

1. Practical exam consisting of Sketches and Scale Drawings with specifications (40M)
2. Portfolio/Project File of Studio work ( 10M)
3. Viva-Voce on the entire work(10)
4. Total Marks –(60)

**Objective & Pre –requisite:** This course is intended to study methods for working out quantities and costs to make an estimate of the project with all specifications along with management of the projects based on time and budget. The course will guide students in preparation of schedule of charts for time and budget, to have a control over a PROJECT.

Unit –I Types of measurements, modes of measurements

- methods of taking out quantities
- . Preparation of schedule or bill of quantities.

Unit –II – SI measurements system, SI nomenclature methods.

- Dimensional and modular coordination, modules and modes of measurements practiced by various agencies.
- Specification types, specification contents, standards developed by trade and industry.
- Standards developed by trade and industry, Government agencies.

Unit –III – Estimating interior items:-

- Manually and through spreadsheet programmes.
- Specification writing,
- Order writing, scheduling etc.

Unit –IV Techniques of monitoring the development of work

- Standard oriented costs control, turnkey system,
- Vertical production method, inventory cost control techniques
- Unified status, index techniques.

**Note:** Students are expected to submit a BOQ of any one element/furniture/space from their Studio Project.

**Text:** - 1 Estimating for Interior Designers, Carol Simpson, Watson Guptill, Rev. Sub edition, 2001.

2. Planning and Managing Interior projects, Carol E Farren Robert Snow Means Company, 2000

3. Estimating, Costing & Valuation Book, Ramgwala

**Reference:-**

1. Interior Cost Data, Barbori Balboni, R.S. Means Company, 2001.

2. Estimating & Costing (Civil), D.D.Kohli & R.C.Kohli

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**M.VOC- INTERIOR DESIGN INDIAN  
CULTURE AND HISTORY  
III SEM**

Paper Code MVOCID 209	INDIAN CULTURE AND HISTORY Elective	L	S	C
		2	-	3

**INSTRUCTIONS TO PAPER SETTERS :**

Studio /Practical examination should be conducted on the spot. No theory question paper is required to be set. Question should cover the entire syllabus. The exam is divided into three parts.

1. Practical exam consisting of Sketches and Scale Drawings with specifications (40M)
2. Portfolio of Studio work ( 10M)
3. Viva-Voce on the entire work(10)
4. Total Marks –(60)

**Objective & Pre –requisite:** . Elective subject choice of one between M.Voc ID 209 and M.Voc ID 211

The course will brief the students on the concepts of Indian culture and brief history about Indian culture .

**Unit –I Culture**

- Concepts of Culture
- Definition of culture
- Characteristics of Indian culture

**Unit –II History and culture through the ages**

- Ancient India
- Medieval
- Modern India

**Unit –III Painting and architecture**

- Indian paintings
- Indian architecture

**Unit –IV Spread of Indian culture abroad**

- Indian culture in central Asia
- Indian culture in East Asia

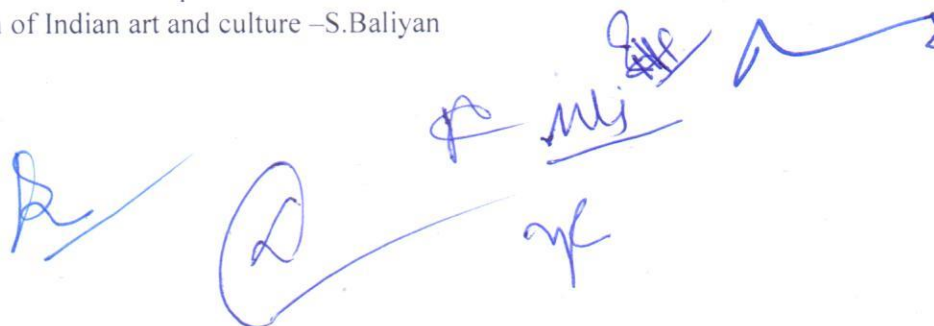
**Note** – Students to prepare sketch file and write up for the above topics .

**TEXT:**

1. Indian art and culture Nitin Singhania
2. Indian art and culture S.Baliyan

**REFERENCE:**

1. An introduction to Indian Art part- I NCERT
2. A compendium of Indian art and culture –S.Baliyan





Paper Code MVOCID 211	MODERN CONSTRUCTION MATERIAL Elective	L	S	C
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**INSTRUCTIONS TO PAPER SETTERS :**

Studio /Practical examination should be conducted on the spot. No theory question paper is required to be set. Question should cover the entire syllabus. The exam is divided into three parts.

1. Practical exam consisting of Sketches and Scale Drawings with specifications (40M)
2. Portfolio of Studio work ( 10M)
3. Viva-Voce on the entire work(10)
4. Total Marks –(60)

**Objective & Pre –requisite:** . Elective subject choice of one between M.Voc ID 209 and M.Voc ID 211 The course will brief the students on materials and its application in Interiors based on its properties, advantages and disadvantages with a number of site visits and market study.

**Unit –I** Glass and glass products –

- Composition and fabrication of glass, classification
- Types of glass- wired glass, fiber glass, rock wool, laminated glass, Glass concrete blocks.
- Properties and uses in construction and aesthetic aspects of interiors.

**Unit –II** Types of metals –

- Properties of metals, definitions of terms with reference.
- various methods of working with metals.
- Finishing and treatment of metals.
- Metals in built form activity – horizontal, vertical and inclined surfaces – in interior environment elements products.
- Furniture forms - doors, windows, jalis, railing, stair etc.
- Metals and other materials – form and joinery.

**Unit –III** Introduction and brief on Adhesives

- Natural and Synthetic, their varieties.
- Thermoplastic and thermosetting adhesives, epoxy resin.
- Method of application, bond strength etc.
- Asphalt and Bitumen – Natural and artificial products, forms of asphalt, emulsion, cement mastic, bituminous felt, their properties and uses.

**Unit - IV** Sustainable Interior products

- Eco friendly paints
- Floor finishes
- Ceiling materials

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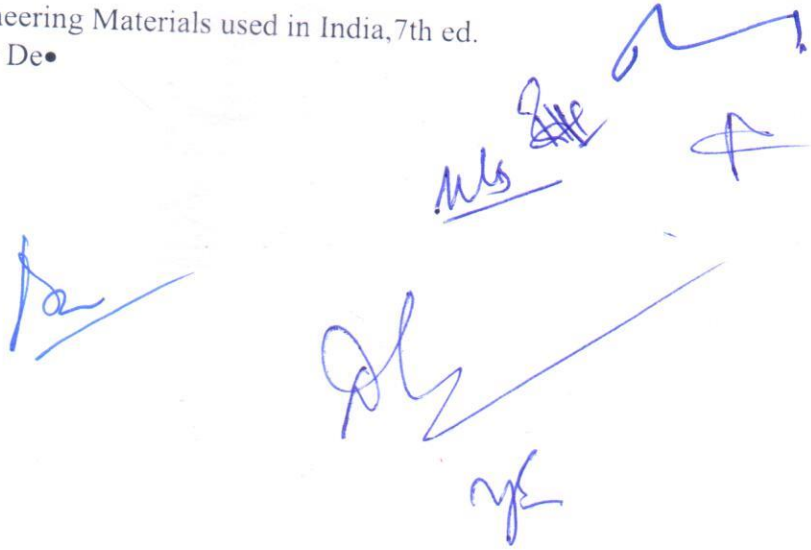
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**NOTE :-** Market surveys to be conducted to learn about the commercial and technical names, sizes, wastages, BIS and codes for materials, testing, fabrication, commercial methods of pricing, billing etc.

Text:

1. Bindra, S.P. and Arora, S.P. Building Construction:
2. Planning Techniques and Methods of Construction, 19th ed. Dhanpat Rai Pub., New Delhi, 2000.

Reference :

1. Moxley, R. Mitchell's Elementary Building Construction, Technical Press Ltd.●
  2. Rangwala, S.C. Building Construction 22nd ed. Charota Pub. House Anand, 2004.
  3. Sushil Kumar. T.B. of Building Construction 19th ed. Standard Pub. Delhi, 2003.
  4. Chowdary, K.P. Engineering Materials used in India, 7th ed. Oxford and IBH, New De●
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7/c

M.VOC- INTERIOR DESIGN  
TRAINING  
III SEM

Paper Code – MVOCID 213	TRAINING	L	S	C
		-	-	6

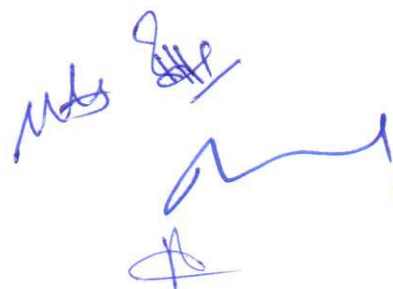
**INSTRUCTIONS :**

Studio /Practical examination should be conducted on the spot. No theory question paper is required to be set. Question should cover the entire syllabus. The exam is divided into three parts.

1. Practical exam consisting of Sketches and Scale Drawings with specifications (40M)
2. Portfolio/Project File of Studio work ( 10M)
3. Viva-Voce on the entire work(10)
4. Total Marks –(60)

**Objective & Pre –requisite:** Practical exposure to design concepts and execution on site will be the major segment of undergoing a training period preferably under an Interior Designer / Registered Architects during vacation time.

After completion of the Six weeks training every student will have to submit a detailed report with a set of drawings worked during the practical training period and submit the work in the Department for evaluation.





6/c

**M.VOC- INTERIOR DESIGN  
INTERIOR DESIGN PROJECT  
IV SEM**

<b>Paper Code</b> <b>MVOCID 202</b>	<b>INTERIOR DESIGN PROJECT</b>	<b>L</b>	<b>S</b>	<b>C</b>
		<b>2</b>	<b>12</b>	<b>8</b>

**INSTRUCTIONS TO PAPER SETTERS :**  
The end term exam is to be conducted comprising of presentation and viva voce by a Jury of two external examiner and one internal examiner.  
VIVA – VOCE  
Internal – 40M  
External – 60M

**Objective & Pre –requisite:** . Thesis should reflect on the knowledge gained from all the courses undertaken by the student in all the previous semesters. And the topic will be chosen with a specific outcome requirement. Design Thesis comprehend the design philosophy, theories, data collection and analysis and application .

Choose between M.VOC ID 202 , M. VOC ID 204 , M. VOC ID 206

**Unit –I** Interior Design Projects:-Students to choose one topic for thesis.

- Recreational Spaces – Multiplex or Auditorium
- Hospitality Industry – Heritage Resorts or Five Star Hotels or Motels
- Health Care – Clinics or Hospitals

**Unit –II** Drawings and documentations of the project

- Exploring the Site, Study of the design area.
- Proposed design and concepts.
- Working details.
- 2D and 3D drawings, Sketches
- Space flow diagrams
- Accessories and Materials Specifications, Mood boards ,Models ,color concepts
- Services details

**Unit –III** Techniques of Research Methodology, case study and Survey

**Unit –IV** Techniques of presentation, compilation of thesis and group discussions

**NOTE :-**

Each student to prepare a design thesis on the Topic finalized with the guide and submits the same on the prescribed format to the department on the submission date given.

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5/10

**M.VOC- INTERIOR DESIGN**

**LANDSCAPE DESIGN PROJECT  
IV SEM**

Paper Code MVOCID 204	LANDSCAPE DESIGN PROJECT	L	S	C
		2	12	8

**INSTRUCTIONS TO PAPER SETTERS :**

The end term exam is to be conducted comprising of presentation and viva voce by a Jury of two external examiner and one internal examiner.

VIVA – VOCE

Internal – 40M

External – 60M

**Objective & Pre –requisite:** . Thesis should reflect on the knowledge gained from all the courses undertaken by the student in all the previous semesters. And the dissertation topic will be chosen with a specific outcome requirement. Design Thesis, as a dissertation should be able to comprehend the design philosophy, theories, data collection and analysis and application .Faculty to guide students in report making methodologies and presentation in a systematic manner .

Choose between M.VOC ID 202 , M. VOC ID 204 , M. VOC ID 206

**Unit –I** Landscape Design Projects :-

- Public Parks based on Mughal Style or Japanese Style or Colonial Style.
- Internal Landscape of the Hotels or Resort or

**Unit –II** Drawings and documentations of the project

□ Exploring the Site, Study of the design area. □

Proposed design and concept.

- 2D and 3D drawings, Sketches
- Space flow diagrams
- Accessories and Materials Specifications, Mood boards ,Models ,color concepts
- Services details

**Unit –III** Techniques of Research Methodology, case study and Survey

**Unit –IV** Techniques of presentation, compilation of thesis and group discussions

**NOTE :-** Each student to prepare a design Thesis on the Topic finalized with the guide and submit the same on the prescribed format to the department on the submission date given.

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4/c

M.VOC- INTERIOR DESIGN  
PRODUCT DESIGN AND WORKSHOP PROJECT  
IV SEM

Paper Code MVOCID 206	PRODUCT DESIGN AND WORKSHOP PROJECT	L	S	C
		2	12	8

**INSTRUCTIONS TO PAPER SETTERS :**

The end term exam is to be conducted comprising of presentation and viva voce by a Jury of two external examiner and one internal examiner.

VIVA – VOCE

Internal – 40M

External – 60M

**Objective & Pre –requisite:** . Thesis should reflect on the knowledge gained from all the courses undertaken by the student in all the previous semesters. And the topic will be chosen with a specific outcome requirement. Design Thesis comprehends the design philosophy, theories, data collection and analysis and application in a chosen area.

Choose between M.VOC ID 202 , M. VOC ID 204 , M. VOC ID 206

**Unit –I** Product Design Projects: - Choose any one

- Residential Areas – Luxury Apartment, Duplex, Villas
- Commercial Areas :- Offices, Beauty Salons, Boutique
- Intuitional & Hospitality Area – Nursery School, Designing Institute, Heritage Resort, Café cum Library.

**Unit –II**

- Exploring the Site, Study of the area
- 2D and 3D drawings, Sketches
- Space Flow diagrams
- Materials Specifications

**Unit –III** Documentation and Presentation

- CAD drawings
- Write up
- Using of different medium for the presentation

**Unit –IV** Model Making, Mood Board

**NOTE :-** Detail study, planning & designing of any one area from the Unit I.

Considering detail study and estimate for the same, each and every product use in the chosen area.

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**M.VOC- INTERIOR DESIGN  
DISPLAY AND VISUAL MERCHANDISING PROJECT  
IV SEM**

Paper Code MVOCID 208	DISPLAY & VISUAL MERCHANDISING PROJECT Compulsory	L	S	C
		2	12	8

**INSTRUCTIONS TO PAPER SETTERS :**  
 The end term exam is to be conducted comprising of presentation and viva voce by a Jury of two external examiner and one internal examiner.  
 VIVA – VOCE  
 Internal – 40M  
 External – 60M

**Objective & Pre –requisite:** . This subject is a compulsory subject and is intended to provide skills for designing different type of event design, display and exhibition areas with emphasis on latest trends in design materials, concepts, technology, etc.

**Unit –I**

- Event Design :- Fashion show, Music concerts , Sports events at national level
- International Exhibition- Automobile, books, Jewelry,
- Fairs – Handicrafts , Food, at national and international level

**Unit II**

- Drawings and documentations of the projects
- ☐ Exploring the Site, Study of the design area. ☐ Proposed design and concepts.
- 2D and 3D drawings, Sketches
  - Space flow diagrams
  - Accessories and Materials Specifications, Mood boards ,Models ,color concepts
  - Services details

**NOTE :-** Each student to prepare a design Thesis on the Topic finalized with the guide and submit the same on the prescribed format to the department on the submission date given.

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M.VOC- INTERIOR DESIGN  
DISPLAY AND VISUAL MERCHANDISING PROJECT  
IV SEM

Paper Code MVOCID 208	DISPLAY & VISUAL MERCHANDISING PROJECT Compulsory	L	S	C
		2	12	8

**INSTRUCTIONS TO PAPER SETTERS :**

Studio /Practical examination should be conducted on the spot. No theory question paper is required to be set. Question should cover the entire syllabus. The exam is divided into three parts.  
1. Practical exam consisting of Sketches and Scale Drawings with specifications (40M)

5. Portfolio of Studio work ( 10M)

6. Viva-Voce on the entire work(10)

7. Total Marks -(60)

**Objective & Pre-requisite:** . This subject is a compulsory subject and is intended to provide skills for designing different type of event design, display and exhibition areas with emphasis on latest trends in design materials, concepts, technology, etc.

**Unit -I**

- Event Design :- Fashion show, Music concerts , Sports events at national level
- International Exhibition- Automobile, books, Jewelry.
- Fairs – Handicrafts , Food, at national and international level

**Unit II**

Drawings and documentations of the projects  
Exploring the Site, Study of the design area.  
Proposed design and concepts.

**Unit III**

- 
- 2D and 3D drawings, Sketches
- Space flow diagrams
- Accessories and Materials Specifications, Mood boards ,Models ,color concepts  
Services details

**Unit IV**

Presentation of the project on CAD .

**NOTE :-** Each student to prepare a design Thesis on the Topic finalized with the guide and submit the same on the prescribed format to the department on the submission date given.

**Text**

- 1.Windows and in -store display for retail . Morgan, Tony
- 2.Visual Merchandising and Display -Martin Pegler.

**Reference**

- 1.Stores of the year -Martin Pegler
- 2.Visual Merchandising-Antony J Morgan0.

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M.VOC- INTERIOR DESIGN

MINOR PROJECT  
IV SEM

Paper Code – MVOC ID 210	MINOR PROJECT	L	S	C
		-	-	9

**INSTRUCTIONS TO PAPER SETTERS :**

The end term exam is to be conducted comprising of presentation and viva voce by a Jury of two external examiner and one internal examiner.

VIVA – VOCE

Internal – 40M

External – 60M

**Objective & Pre –requisite:** . Students to deal and manage large scale projects, which would emphasize on public areas and space planning techniques. It also intended to enhance skills and understanding for designing commercial interiors through case study.

**Unit –I**

- Case Study of an Pub & Disco Theque. A project should include the detail Study of the area.
- Finishes for Wall, and Floor areas of Interiors
- Visual quality of materials in terms of Finishes through color Texture, Modulation, Pattern Evaluation, Workmanship, Manufacturers.

**Unit –II**

Preparation of two dimensional and three dimensional drawing of the existing area, sketches and Views

**Unit –III**

Study of light scheme and electrical design, services should include Plumbing, Fire Fighting, Smoke Detector, Acoustics, Air Conditioning etc.

**Unit –IV**

Techniques of Presentation and documentation of the Case Study Using a Software.

**NOTE:** - Students to prepare presentation and working drawings, 2D and 3D drawings in a compiled portfolio.

**Text :-**

1. Time Saver standards for Interior Design & space planning, 2nd edition. Mc-Graw Hill professional, 2001. Joseph D Chiara, Julius Panero, & Martin Zelnick.
2. Interior Design Illustrated, 2nd edition, Wiley publishers, 2004, Francis.D. Ching & Corky Bingelli

**Reference :-**

1. Space planning Basics, Van Nostrand Reinhold, New York, 1992, Karlen Mark
2. Human Dimension & Interior Space: A source book of Design Reference standards, Watson – Guptill, 1979, Julius Panero & Martin Zelnick
3. Interior Design, 2nd edition, illustrated, H.N.Abrams, 1995, John.F. Pile
4. Design of good acoustics, The architectural press, London, 1961 Moore J.E.

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