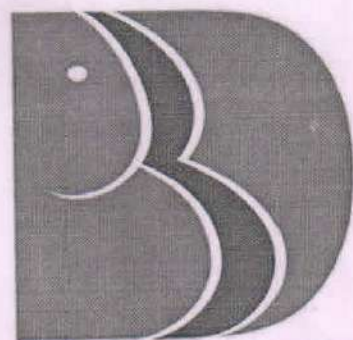


BABU BANARASI DAS UNIVERSITY

COURSE STRUCTURE
AND
SYLLABUS
FOR
MASTERS OF INTERIOR DESIGN






BBD UNIVERSITY


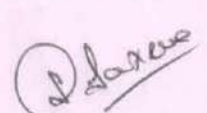
School of Architecture & Planning
BBD UNIVERSITY
Master of Interior Design
SCHEME OF TEACHING & SCHEME OF EXAMINATION



Course Category	SUBJECT CODE	SUBJECT NAME	THEORY / PRACTICAL	SCHEME OF TEACHING				TOTAL CREDITS	SCHEME OF EVALUATION							EXAM HRS	
				Lecture (L)	Tutorial (T)	Studio / Practical (S/P)	Total (Hrs)		CIA				ESE		Total		
									CT	T	AT	TO	Th	PRA			TOT
SEMESTER I																	
CC	MID1101	Interior Design Studio-I	THEORY	1	2	0	3	3	0	0	0	100	0	0	0	100	—
CC	MID1102	Interior Construction & Innovation - I	THEORY	1	2	0	3	3	24	8	8	40	60	0	60	100	3
FC	MID1103	Accessories in Interiors	THEORY	3	0	0	3	3	24	8	8	40	60	0	60	100	3
FC	MID1104	Theory of Interior Design	THEORY	3	0	0	3	3	24	8	8	40	60	0	60	100	3
FC	MID1105	Interior Lighting & Acoustics	THEORY	2	2	0	4	4	24	8	8	40	60	0	60	100	3
CC	MID1151	Interior Design Studio-I	PRACTICAL	0	0	7	7	4	0	0	0	0	0	50	50	50	—
CC	MID1152	Interior Construction & Innovation - I	PRACTICAL	0	0	3	3	2	0	0	0	0	0	50	50	50	—
LAB	MID1153	Advanced Computer Applications	PRACTICAL	0	1	3	4	3	0	0	0	50	0	50	50	100	—
TOTAL							30	25	TOTAL							700	
SEMESTER II																	
CC	MID1201	Interior Design Studio-II	THEORY	1	2	0	3	3	0	0	0	100	0	0	0	100	—
CC	MID1202	Interior Construction & Innovation - II	THEORY	1	2	0	3	3	24	8	8	40	60	0	60	100	3
FC	MID1203	Interior Design Research Methodology	THEORY	3	0	0	3	3	24	8	8	40	60	0	60	100	3
FC	MID1204	Advanced Furniture Design	THEORY	3	0	0	3	3	24	8	8	40	60	0	60	100	3
FC	MID1205	Space Ergonomics	THEORY	2	2	0	4	4	24	8	8	40	60	0	60	100	3
CC	MID1251	Interior Design Studio-II	PRACTICAL	0	0	7	7	4	0	0	0	0	0	50	50	50	—
CC	MID1252	Interior Construction & Innovation - II	PRACTICAL	0	0	3	3	2	0	0	0	0	0	50	50	50	—
EC	MID1253	Elective - I	PRACTICAL	1	1	2	4	3	0	0	0	50	0	50	50	100	—
TOTAL							30	25	TOTAL							700	
SEMESTER III																	
CC	MID1301	Interior Design Studio-III	THEORY	1	2	0	3	3	0	0	0	100	0	0	0	100	—
FC	MID1302	Sustainable Interior Design	THEORY	1	2	0	3	3	24	8	8	40	60	0	60	100	3
FC	MID1303	Advanced Services and Technologies	THEORY	4	0	0	4	4	24	8	8	40	60	0	60	100	3
FC	MID1304	Interior Fabrication	THEORY	5	0	0	5	5	24	8	8	40	60	0	60	100	3
CC	MID1351	Interior Design Studio-III	PRACTICAL	0	0	7	7	4	0	0	0	0	0	50	50	50	—
FC	MID1352	Dissertation	PRACTICAL	0	0	5	5	3	0	0	0	150	0	0	0	150	—
EC	MID1353	Elective - II	PRACTICAL	1	1	2	4	3	0	0	0	50	0	50	50	100	—
TOTAL							31	25	TOTAL							700	
SEMESTER IV																	
CC	MID1401	Interior Office Management	THEORY	2	2	0	4	4	24	8	8	40	60	0	60	100	3
FC	MID1402	Interior Materials & Specifications	THEORY	3	2	0	5	5	24	8	8	40	60	0	60	100	3
FC	MID1403	Seminar	PRACTICAL	2	2	0	4	4	0	0	0	50	0	50	50	100	—
FC	MID1451	THESIS	PRACTICAL	2	4	6	10	7	0	0	0	0	0	300	300	300	—
LAB	MID1452	NTCC	PRACTICAL	0	3	3	6	5	0	0	0	50	0	50	50	100	—
TOTAL							29	25	TOTAL							700	
TOTAL							120	100	TOTAL							700	


ELECTIVES

Course	SUBJECT	ELECTIVES															
Elective - I																	
EC	MID1253(1)	Applied Art in Fabrics	PRACTICAL	1	1	2	4	3	0	0	0	50	0	50	50	100	
EC	MID1253(2)	Low Cost Interiors	PRACTICAL	1	1	2	4	3	0	0	0	50	0	50	50	100	
EC	MID1253(3)	Interiors & Journalism	PRACTICAL	1	1	2	4	3	0	0	0	50	0	50	50	100	
EC	MID1253(4)	Aesthetics of Colour & Design in Interiors	PRACTICAL	1	1	2	4	3	0	0	0	50	0	50	50	100	
EC	MID1253(5)	Universal Interior Design	PRACTICAL	1	1	2	4	3	0	0	0	50	0	50	50	100	
Elective - II																	
EC	MID1353(1)	Interior Landscape	PRACTICAL	1	1	2	4	3	0	0	0	50	0	50	50	100	
EC	MID1353(2)	Advanced Graphic Design	PRACTICAL	1	1	2	4	3	0	0	0	50	0	50	50	100	
EC	MID1353(3)	Design & Décor of Surfaces	PRACTICAL	1	1	2	4	3	0	0	0	50	0	50	50	100	
EC	MID1353(4)	Traditional Interiors	PRACTICAL	1	1	2	4	3	0	0	0	50	0	50	50	100	
EC	MID1353(5)	Interior Vaastu & Feng Shui	PRACTICAL	1	1	2	4	3	0	0	0	50	0	50	50	100	


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SEMESTER I

COURSE CODE: MID 1101	SCHEME OF TEACHING					SCHEME OF EVALUATION				
	L/S	T	P/V	HOURS	CREDIT	CIA	ESE	P/V	TOTAL	Hrs
COURSE NAME- INTERIOR DESIGN STUDIO-I										
COURSE CATEGORY-CC	1	2	0	3	3	100			100	--

SUBJECT OBJECTIVE

- To provide the students knowledge of the design of Commercial Interiors & its implementation in reference to set design and exhibition space.

LEARNING OUTCOME

- Learning the scope of Display and Sales Promotion
- Developing the skills to formulate different types of design basis used in set design and exhibition.
- Application of these principles to design the displays.

Module-1

Introduction:

About elements to set design, research, ideating, estimation and cost parameters, model making and designing of sets. Understanding the script which is prerequisite of set design

Module-2

Prop and set design

One of the significant thing set designers research and ideate is the prop. These props define the characters.

Window Display for sales promotion of different types of products/ commodities (in exhibition space)

Use of different devices like blocks, stands, panels. Use of different types of lights and colours.

Module-3

Planning aspects, colour schemes, services, constructional details, furniture design for an temporary or permanent exhibition pavilions.

Importance of Devices:

Design of interior elements with all relevant interior schemes.

SUGGESTED STUDIO EXERCISE

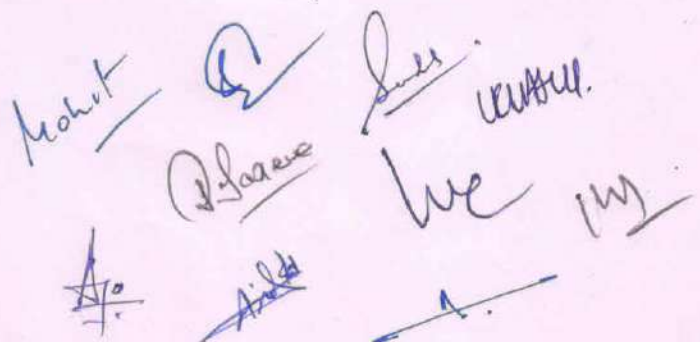
One major design problem in set design, etc


One minor design problem in exhibition design etc


REFERENCE BOOKS

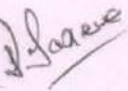
1. De Chiara Joseph & Callender John, Time Saver Standa
2. Designs for 20th century Interiors – Fiona Leolie, VH Publications, London.
3. Worldwide Interiors – International Federation of Interior Architects & Designers, RikuyoSha, Japan, 1987




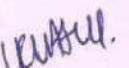


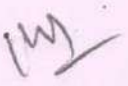
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COURSE CODE: MID 1102	SCHEME OF TEACHING					SCHEME OF EVALUATION				
	L/S	T	P/V	HOURS	CREDIT	CIA	ESE	P/V	TOTAL	Hrs
COURSE NAME- INTERIOR CONSTRUCTION & INNOVATION-I	1	2	0	3	3	40	60		100	3
COURSE CATEGORY-CC										

SUBJECT OBJECTIVE:

- This course aims the exploration of interior construction concepts, materials, and assemblies and their influence on interior design. This course covers concepts, materials, and assemblies associated with development of planar interior elements as well as attention to related human factors, testing, detailing, specifications writing and end-use application.

LEARNING OUTCOME:

- Understand the use innovation with construction techniques.
- Develop a sense of innovation in designing of interior spaces.
- Applying the discussed principles and techniques to design projects.

Module 1

Visual Properties and their use of Interior Design Materials

Physical, behavioral and visual properties of the following materials and their use in the construction of floor, walls, ceilings, doors, windows, staircase, built in furniture and other components of interior architecture.

Wood Soft, hard, paneling, plywood, boarding
 Metals Steel, Iron, Aluminum, Bronze, Brass, Copper
 Masonry Stone, Concrete, Brick, Tiles, Gypsum, Plaster

Module 2

Field Study (Self-study / Assignment)

Conduct of field survey of sites with active interior construction processes.
 Market surveys, Case studies.
 Site visits to understand the system of construction & details.
 Study of material application in the form of a Portfolio.

Module 3

Innovation:

Introduction to Innovation, Study and application of innovative ideas in interior design, and interior construction techniques & smart spaces utilization.

REFERENCE BOOKS

1. Mehta, Madan, Building construction: Principles, materials, and systems. Pearson Prentice Hall, 8.
2. Herzog, Thomas, et al. Timber construction manual. Walter de Gruyter, 2004.
3. Godsey, Lisa. Interior design materials and specifications. A&C Black, 2012.
4. Binggeli, Corky. Materials for interior environments. John Wiley & Sons, 2008.
5. Godsey, Lisa. Interior design materials and specifications. A&C Black, 2012.

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COURSE CODE: MID 1103	SCHEME OF TEACHING					SCHEME OF EVALUATION				
	L/S	T	P/V	HOURS	CREDIT	CIA	ESE	P/V	TOTAL	Hrs
COURSE NAME- ACCESSORIES IN INTERIORS										
COURSE CATEGORY-FC	3	0	0	3	3	40	60	0	100	3

SUBJECT OBJECTIVE

- To enhance the knowledge about importance of accessories in interior, the aesthetic perception of materials and design. This course helps the students to develop a systematic design approach and integration of designed accessories with the interior.

LEARNING OUTCOME

- Understand the Concept, selection and apply them in arrangement of accessories with relation to background. Apply design aspects of accessories with focus on pictures.
- Understand the Placement of accessories in different room and its impact on moods.
- Analyze the Scope of various styles of flower arrangements.
- Explain the importance of flower arrangement and apply them in various occasions.

Module-1

Definition, meaning and concept of accessories.

Types of accessories – Functional and decorative. Selection and arrangement of accessories. Related experience - Collecting pictures of accessories

Module-2

Design with a focus on Functionality:

aesthetics, multiple usages. Design aspects of accessories. Selection of pictures, Types of pictures, framing and hanging law of margin in picture framing, sculpture, antiques. Related experience – designing pictures for framing as accessories.

Module-3

Moods

Definition, types of moods- cheer, joy, romance, excitement, reading. Placement of accessories in different rooms of an interior and its impact on the moods of an interior – bedroom, study room, living room, dining room, children's room and entertainment room. Related experience - Arrangement of accessories according to the moods

Module-4

Flower Arrangement

Definition, importance of flower arrangement, Names of flowers, Selection of materials, flower vessels – Standing vases – flower baskets – bamboo vases – hooked vases – suspended vases – flower fasteners – choice of flower vessels - water in vases, stones and rocks – flower trays and stands. Flowers – its colours, textures and its visual perception in various indoor spaces and science of flower arrangement. Types of arrangements - traditional, modern, hanging, dried, floating, fruit and foliage. Japanese styles - Ikebana, Moribana, Nagarie, Shikibana, Morimono, Rikka, Ukibana. Related experience - Flower arrangement practical

Module-5

Flowers for Various Occasion- Position of flowers in rooms, Arrangement of flowers, Preservation of flowers, Flowers for the five festivals, flowers for wedding Ceremonies. Related experience - Visit to nursery garden.

Design Assignment

Designs of accessories

Designing pictures for framing as accessories.

Designs of arrangement of accessories according to the moods.

REFERENCE BOOKS

1. Chaudhari, S.N; Interior Design, Aavishkar Publishers, Jaipur, India, 2006.
2. Hilliard, E.; Brilliant Colour at Home, Kyle Cathie Ltd., London, 2000.
3. International Design Year Book, 1995: Furniture, Lighting, Tableware, Textiles and Products, Books Nippan, 1996. 18
4. Laura Slack, What is product Design? Roto Vision Publishers, 2006
5. Pile F 1997 Colour in Interior Design, McGraw hill, New York.
6. Treens. C; David.V; Designers"s Guide to Decorative Accessories, Prentice Hall, 2008.
7. Wyszecki. G and Stiles; Colour Science: Concepts and Methods, Wiley& Sons Inc., N.Y; 2000.
8. Clark, Anita V. Psychology of moods. Nova Publishers, 2005.
9. Eiseman, Leatrice, and Robert Hickey. Colors for your every mood. Capital Books, 1998.

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COURSE CODE: MID 1104	SCHEME OF TEACHING					SCHEME OF EVALUATION				
	L/S	T	P/V	HOURS	CREDIT	CIA	ESE	P/V	TOTAL	Hrs
COURSE NAME- THEORY OF INTERIOR DESIGN	3	0	0	3	3	40	60	0	100	3
COURSE CATEGORY-FC										

SUBJECT OBJECTIVE

- To gain knowledge and understand the different styles in interior design
- To study the purpose, relationship of architecture and interior decoration

LEARNING OUTCOME

- Understanding the concept of architecture and interiors based on history, culture, tradition and planning.
- Interpreting the philosophies of the discussed era for the contemporary use.
- Judge and apply the techniques and principles of interiors applied worldwide.

MODULE 1

Introduction and purpose of study of history, relationship between Architecture and interior decoration. Study in historical development of art and architecture in the world With respect to: religions, cultural and social conditions, technological Development, import of foreign ideas, forms in art and architecture.

MODULE 2

General orientation of history of Indian architecture and art, stressing Adaptation of art forms in different periods, analytical studies enquiring into development of art and design in various periods of Indian history From vedic times of mughal period.

MODULE 3

Different styles in Interior design - Art, Art Deco. , modernism, Post, Eclecticism, High tech & Hard edge style.

MODULE 4

Contemporary interiors - expression of material - purpose - house plan -Standards, Prehistoric and primitive construction methods.

REFERENCES BOOKS

- 1.Hinchman, Mark. History of Furniture: A Global View: New York: Fairchild Books, Inc., 2009. (ISBN: 978-1-56367-544-7).
- 2.Irelan, Jeannie. History of Interior Design. New York: Fairchild Books, Inc., 2009. (ISBN: 978-1-56367-462-4).
- Wim Pauwels (2012), Contemporary Architecture & Interiors.

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COURSE CODE: MID 1105	SCHEME OF TEACHING					SCHEME OF EVALUATION				
	L/S	T	P/V	HOURS	CREDIT	CIA	ESE	P/V	TOTAL	Hrs
COURSE NAME- INTERIOR LIGHTING & ACOUSTICS										
COURSE CATEGORY- FC	2	2	0	4	4	40	60	0	100	3

SUBJECT OBJECTIVE

- To understand the analysis of indeterminate structures and their application in structural design and analysis.

LEARNING OUTCOME

- The students will familiarize with the effects of transverse forces such as shear force & bending moment in beams.
- Determination of SF & BM in simple beams under different loading.
- Applications of the principles in the field projects.

Module-1

Light: aspects of lighting – physical psychological aspects, color of light color rendition daylight artificial light brightness the visual environment- study of day lighting as a means of providing light within built spaces. Day visual perception and light basic artificial lighting sources, light and visual effects, light revealing architecture designing for artificial lighting quantity and quality integration with daylight ting, computer simulation programs that aid artificial lighting.

Module-2

Lighting arrangement for Interior

Light requirements for different spaces. Minimum recommended light for various activities. Illumination - Concepts & considerations for artificial lighting; types of indoor and outdoor lighting. Application of lighting system, Design for lighting in - Shops and show windows, Offices, Classroom and lecture halls, Stagelighting Theater & Auditorium, etc. Suggestions for improving daylight illumination .Reflectancē of light in interior

Module-3

Color- history of color, effect of colors, color, mixing, color dynamics, color planning in design. Various color system- Muncell system, Oswald system, DIN system, QAS system, color aid system- color system in practice, color terminology, analysis of color wheel, color schemes, psychological- impact of colors, special color issues mixed color effects, effect of texture.

Module-4

Acoustics and sound insulation: Definition, behaviour of sound in enclosed spaces. Understanding acoustics and its integration with interior design, acoustical defects

Sound absorbents porous materials, panel or membrane absorbers & resonators. Absorption coefficient of various acoustical materials. Human responses to the sensation of sound.

REFERENCE BOOKS

1. Robbins C.L. (1986) Day lighting Design And Analysis Van No strand Reinhold C
2. Egan M. David (1983) Concepts In Architectural Lighting Mcgraw Hill Book Company
3. Jankowski Wanda Lighting (1993) PCB International New York
4. Wilhide Elizabeth Lighting (1998) Ryland Peters And Small London
5. Noisewand Nonie Lighting Octopus (1999) Publishing Group London
6. Mos Rogerw Lighting for Hist5oric Building 1998 John Wiley New York
7. Color In Interior Design – John F. Pile
8. Color Scheme Bible – Anna Starmer
9. Color Notation - Munsell
10. Introduction to Color – R.M. Evans

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SEMESTER II

COURSE CODE: MID 1201	SCHEME OF TEACHING					SCHEME OF EVALUATION				
	L/S	T	P/V	HOURS	CREDIT	CIA	ESE	P/V	TOTAL	Hrs
COURSE NAME-INTERIOR DESIGN STUDIO-II	1	2	0	3	3	100			100	--
COURSE CATEGORY-CC										

SUBJECT OBJECTIVE

- To analyze Commercial interior space design using different materials.
- To develop understanding of art in commercial space designing and planning based on various purposes.

LEARNING OUTCOME

- Students will be able to identify the role of lighting in commercial displays and techniques involved.
- Understanding the Concept of window display and window arrangement and get the knowledge of recent trends in commercial architecture.
- Developing the skill to design lighting arrangement in commercial buildings.
- Establishing a strong affiliation between design and field practice scenarios.

MODULE- 1

Introduction to commercial interior space design- types of commercial interior spaces – factors influencing designing of commercial interior spaces – materials used in designing commercial interior spaces · Related Experience - Collection of materials used for designing interior space.

MODULE- 2

Art in commercial space designing and planning space for various commercial purposes – restaurants and hotels, public utility services – Airport, Educational Institution, Hospitals Shopping Complex, Exhibition, Schools, Malls, Universities and trade Fairs.

MODULE -3

Commercial display and techniques – interior display, general arrangement, types of lighting arrangement in Commercial buildings · Related Experience – visit to commercial interior places.
Window display – meaning and concept, basic principles and techniques, types of window display, window arrangement · Related Experience- compilation of photo in window display

MODULE- 4

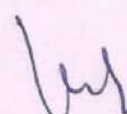

New trends in commercial architecture, design in commercial building. Basic concepts of commercial building. · Related Experience – model making of commercial building.

SUGGESTED STUDIO EXERCISES

1. Minor/Short Problems (1 WEEK)
2. Major Problems
3. Study tours to relevant destinations for documentation of vernacular architecture.

REFERENCE BOOKS

1. Gupta, C.B., Dr. Nair, Rajan 2003, Marketing Management, Sultan Chand & Som, New Delhi.
2. Joseph, D.C., Julies, P. and Martiv, Z. 1992, Time Saver Standars for Interior Design and Space Planning, New York.
3. Designing Commercial Interiors 2nd Edition by Christine M. Piotrowski (Author), Elizabeth A. Rogers
4. Commercial Interior Book By: Eugenie Pons

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COURSE CODE: MID 1202	SCHEME OF TEACHING					SCHEME OF EVALUATION				
COURSE NAME - Interior Construction & Innovation - II	L/S	T	P/V	HOURS	CREDITS	CIA	ESE	P/V	TOTAL	Exam Hrs
COURSE CATEGORY-CC	1	2	0	3	3	40		60	100	3

SUBJECT OBJECTIVE:

- This course aims the exploration of interior construction concepts, materials, and assemblies and their influence on interior design. This course covers concepts, materials, and assemblies associated with development of planar interior elements as well as attention to related human factors, testing, detailing, specifications writing and end-use application.

LEARNING OUTCOME:

- Understand the use innovation with construction techniques.
- Develop a sense of innovation in interior spaces.
- Application of assemblage of associated interior elements.

MODULE 1 :

Visual Properties and their use of Interior Design Materials

Physical, behavioral and visual properties of the following materials and their use in the construction of floor, walls, ceilings, doors, windows, staircase, built in furniture and other components of interior architecture.

1. Glass Window, Plate, Tempered, Mirror, Block etc.
2. Plastics Transparent, Laminate, Tile etc.
3. Textiles Drapery, upholstery, wall covering, carpets, durries etc.
4. Miscellaneous materials such as:
- Linoleum, Asphalt, Cork, Rubber, Leather, Paper, Rexine, Paints & Finishes.

MODULE 2 :

Field Study (Self-study / Assignment)

Market surveys, case studies and site visits to understand the system of construction & details.

Study of material application in the form of a Portfolio.

MODULE 3 :

Innovation: Introduction to Super surfaces. Use of super surfaces in interiors. Integration of functions, space saving interior ideas for commercial spaces.

REFERENCE BOOKS

1. Mehta, Madan, Building construction: Principles, materials, and systems. Pearson Prentice Hall, 2008.
2. Herzog, Thomas, et al. Timber construction manual. Walter de Gruyter, 2004.
3. Godsey, Lisa. Interior design materials and specifications. A&C Black, 2012.
4. Stanley; Complete Painting; 2007
5. Mark Dixon, House Painting: Inside and Out; Taunton Press; 1997
6. Binggeli, Corky. Materials for interior environments. John Wiley & Sons, 2008.
7. Mehta, Madan, Building construction: Principles, materials, and systems. Pearson Prentice Hall, 2008.
8. Bindra, S.P. and Arora, Building Construction: Planning Techniques and methods of Construction
9. J. Rosemary Riggs; Materials and Components of Interior Architecture
10. R. Chudley – Building Construction Handbook – BLPD, London 1990.
11. S.C. Rangwals – Engineering materials – Charotar Publishing, Anand.

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COURSE CODE: MID1203	SCHEME OF TEACHING					SCHEME OF EVALUATION				
	L/S	T	P/V	HOURS	CREDIT	CIA	ESE	P/V	TOTAL	Hrs
COURSE NAME- INT DESIGN RESEARCH METHODOLOGY										
COURSE CATEGORY-FC	3	0	0	3	3	40	60	0	100	3

OBJECTIVES:

- To develop the fundamental knowledge of research methodology and to initiate the thesis writing. This course enables the students to understand the way of research in a professional design projects.

LEARNING OUTCOME

- Understanding the basic principles of research methodology.
- Analyzing the research process and evaluate the result obtained from the survey.
- Application of discussed principle to initiate and complete thesis writing.

Module-1

Research & Research Design.

Introduction, Definition, Types, Characteristics, Scope and Classifications of Research.

Research Design: Meaning, Types, Factors Affecting, Basic Purpose, and Principles.

Data Collection Meaning, Need, Main Terminologies Used In Data Collection. Types of Data, sources of data, methods of data collection.

Module-2

Interpretation Data Analysis

Meaning, Need, Classification; Define and understand: Tabulation, Array, Range, and Frequency Distribution.

Presentation of Data-Graphic, Histogram, Polygon, ogive, Correlation and Regression Analysis of two variables.

Report Writing: Meaning, Significance, Steps, Types, Findings, Suggestions, Conclusion.

Module-3

Research Procedures.

Recognize philosophical implications and Formalize research: Literature reviews and Identifying and defining the problem Select appropriate research methodology. Understanding of research design parameters; Procedures to collect, analyze, interpret the data; Present information through a report.

Module-4

Design Phases.

Research and produce Design Specifications; Sketch ideas and concepts and Develop detailed design; Produce a digital design presentation file for the final design; Make an oral presentation on their design.

Module-5

Research Presentation Techniques

Interrelated components, Research Report Presentation: Dissertation components, Writing styles appropriate to research design, Style manuals, & Ethical considerations. Design Presentation: Design Journal, Digital Design Presentation; Oral Presentation

REFERENCE BOOKS

1. Laurel, Brenda. Design research: Methods and perspectives. MIT press, 2003.
2. Kothari, C. R. Research methodology: Methods and techniques. New Age International, 2004.
3. Gupta, S. P., and M. P. Gupta. Business statistics. Sultan Chand & Sons, 2010.
4. Sanoff, Henry. Visual research methods in design. John Wiley & Sons Incorporated, 1991.
5. Snyder, James C., ed. Architectural research. Vol.
6. Van Nostrand Reinhold Company, 1984.
7. McMillian, J; Research in education: A conceptual introduction , Harpers Collins College Publishers; NY; 1997

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COURSE CODE: MID 1204	SCHEME OF TEACHING					SCHEME OF EVALUATION				
	L/S	T	P/V	HOURS	CREDIT	CIA	ESE	P/V	TOTAL	Hrs
COURSE NAME-ADVANCED FURNITURE DESIGN										
COURSE CATEGORY-FC	3	0	0	3	3	40	60	0	100	3

SUBJECT OBJECTIVE

- The course aims to explore the principals of furniture design and design methodologies associated with furniture manufacture.
- Students will gain knowledge of furniture design, ergonomics, component manufacture, furniture construction methodologies, material and process specification

LEARNING OUTCOME

- Students will be able to Summarize Anthropometric studies and Ergonomics in designing furniture.
- Design of movable furniture for various purposes using standard measurements.
- Explain the manufacturing process for the better understanding of design.
- Design of Built in furniture such as closets, cupboards and wall units.
- Criticize the various ways of arranging furniture in interiors.

MODULE-1

HISTORY & CONCEPTS OF FURNITURE DESIGN

History of furniture from early days to industrial revolution. Study of various styles, systems & products available in the market.

Module-2

THEORY OF FURNITURE DESIGN & MANUFACTURING PROCESSES

Design approaches in furniture design. Descriptive & normative theories, intensive studies of furniture, theory of manufacturing and usability, Functionality · Aesthetic · Style · Human factors and ergonomics. An introduction of various manufacturing processes most frequently adopted in furniture design such as Injection Molding, investment casting, sheet metal work, die casting, blow- molding, vacuum – forming.

Module-3

Types classified by materials

wooden furniture, bamboo furniture, wicker or rattan furniture, metal furniture, plastic furniture, glass furniture and concrete furniture.

Module-4

Elements of style in Furniture. Chippendale, hepplewhite, Jacobean furniture, Queen Anne period, William and mary period, Adam furniture, Sheraton furniture, American provincial furniture, early American style, Duncan phyfe furniture, contemporary furniture. Selection of Furniture.

Module-5

MATERIALS & TRENDS IN FURNITURE DESIGN

Bentwood, tubular steel, plywood, chipboard, plastics, paper. Its properties, applications and designers who patronized them. Marcel Bruer, Harry Bertoia, Mario Bellini, Achille Castiglioni, Antonio Citterio, John Cobb, Joe Colombo, Ray & Charles Eames, Tom Dixon, Gio Ponti, Arne Jacobsen, Florence Knoll, Ross Lovegrove, Mackintosh, Enzo Mari, Verner Panton, Jean Provue, Patricia Urquiola, Philippe Starck, Karim Rashid.

REFERENCE BOOKS

1. A history of interior design – 2nd edn – 2005 – John Wiley & sons. Inc .
2. Jeannie Ireland (2009), History of Interior Design, air child publications, illustrated ed., .
3. Jim Postell, Furniture Design , Wiley publishers, 2007.
4. Robbie.G. Blakemore, (2005), History of Interior Design and Furniture. From Ancient Egypt to Nineteenth – Century Europe, Wiley Publisher

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COURSE CODE: MID 1205	SCHEME OF TEACHING					SCHEME OF EVALUATION				
	L/S	T	P/V	HOURS	CREDIT	CIA	ESE	P/V	TOTAL	Hrs
COURSE NAME-SPACE ERGONOMICS	2	2	0	4	4	40	60		100	3
COURSE CATEGORY-FC										

SUBJECT OBJECTIVE

- To understand the principles of Ergonomics to fulfill the goals of occupational health and safety and productivity.
- To understand the connection between designing and ergonomics, various ways to close the gap that exist between humans and the living world & to make the design more user-friendly

LEARNING OUTCOME

- Students will be able to describe the basic ergonomic factors and related problems in a workplace.
- Evaluation of the factors affecting human beings in relation to light, sound, noise, climate and vibrations. Apply relevant ergonomic principles and factors to the solutions of given workplaces.
- Students will be able to analyze and reflect on the results of ergonomic analysis of product and draw conclusions and give recommendations for product improvement.

MODULE 1

Ergonomics - definition, concept and scope. Concept of work, work place – designing work areas based on ergonomic principles and worker. Seating and posture - Orthopaedic aspects of seating - set design - anthropometric consideration in furniture designing.

MODULE 2

Work environment Spatial requirement - anthropometric dimension of workers at work and rest, normal, maximum vertical and horizontal reaches, elbow room, clearance space for operating equipment, circulation space in rooms, corridors, floor space and work heights when seated and standing. Temperature - air movements, humidity, exchange of heat between human body and surroundings, comfort and discomfort, factors affecting comfortable temperature, ventilation, and requirement of air movement.

MODULE 3

Stress and stress Management - Meaning, causes, types, symptoms, stress related problems, stress coping techniques, diet, exercise, meditation, relaxation techniques and social activities, biological environmental factors – temperature, lighting, ventilation and acoustics.

MODULE 4

Work Simplification - Work simplification - definition, technique, Mundels classes of change. Assessment of space allowance for selected activities and equipment. Determining the relationship of anthropometric dimensions of workers with space requirements of selected activities.

REFERENCE BOOKS

1. Aaras, A., HArgen, G., Bjorset, HS.Rao and Walsoe, H., (2001) Musculoskeletal, Visual and Psychological Stress in VDU operators before & after multidisciplinary ergonomic Intervention.
2. Barner, R.M. (1980), Motion and time study, Design and measurement of work. New York, John Wiley.
3. Bullock, (1990). Ergonomics – The physiotherapist in the work place, Churchill Livingstone
4. Publishers, United Status. Jhamb, (1991). Work study and Ergonomics At work, John Wiley

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COURSE CODE: MID 1253(1)	SCHEME OF TEACHING					SCHEME OF EVALUATION				
	L/S	T	P/V	HOURS	CREDIT	CIA	ESE	P/V	TOTAL	Hrs
COURSE NAME-APPLIED ART IN FABRICS	1	1	2	4	3	50		50	100	--
COURSE CATEGORY-EC										

SUBJECT OBJECTIVE

- To understand the significance of fabrics in space designing factors.
- Learn the dimensions of colour and use colours in the interiors.

LEARNING OUTCOME

After completion of course the students will be able to:

- Understand the basic effects of color on fabrics and their presentation.
- Developing the skill to understand the relation between interior space and fabrics.
- Apply the color principles and theories in defining a space.

MODULE-1

Concepts and objectives, Trends in Interior Decoration – Past and Present. Elements of design and its application in interior to bring illusion and to determine moods.

MODULE 2

Types of Design Principles

Harmony, Proportion, Balance, Rhythm and Emphasis.

MODULE 3

Use of colour in the home, Colour theories, Prang colour chart, Munsell colour theory, Physiologist, Physicist and Psychologist colour theory. Art principles and colours – colour harmonies and effect of lighting on colours.

REFERENCE BOOKS

1. Chaudhari, S.N. 2006, Interior Design, Aavishkar Publishers, Jaipur, India.
2. Choudhury, A.K.R. 2000, Modern Concepts of Colour and Appearance, Oxford and IBH Publishing Co. Pvt. Ltd., New Delhi.
3. Hilliard, E. 2000, Brilliant Colour at Home, Kyle Cathie Ltd., London.

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COURSE CODE: 1253(3)	SCHEME OF TEACHING					SCHEME OF EVALUATION				
	L/S	T	P/V	HOURS	CREDIT	CIA	ESE	P/V	TOTAL	Hrs
COURSE NAME-INTERIORS & JOURNALISM	1	1	2	4	3	50		50	100	--
COURSE CATEGORY- EC										

SUBJECT OBJECTIVE

- To enhance advanced architectural skills and the ability to interpret his design methodologies and prowess.

LEARNING OUTCOME

- Understanding the principles of journalism
- Analysis of major critical themes, thematic categories in architectural writing.
- Application of the discussed theories in critical writing.

MODULE -1

Introduction to journalism, key concepts and objectives of Journalism – Specialized journalism: with emphasis on architectural journalism.

MODULE -2

Journalism skills: research, reporting, writing, editing, photography, columnists, public relationships, criticism.

MODULE -3

Making of short video coverage on interior projects, walk-through of buildings, production of contemporary interior journals.

REFERENCE BOOKS

1. Edward Jay Friedlander and John Lee, "Feature Writing for Newspapers and Magazines", 4th edition, Longman, 2000.
2. Foust, James, Online Journalism, "Principles and Practices of News for the Web", Holcomb Hathaway Publishers, Scottsdale, AZ, 2005

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COURSE CODE: 1253(5)	SCHEME OF TEACHING					SCHEME OF EVALUATION				
COURSE NAME-UNIVERSAL INTERIOR DESIGN	L/S	T	P/V	HOURS	CREDIT	CIA	ESE	P/V	TOTAL	Hrs
COURSE CATEGORY-EC	1	1	2	4	3	50		50	100	--

SUBJECT OBJECTIVE

- To enable the students to acquire knowledge of basic principles involved in planning, organizing & evaluating interiors for special needs

LEARNING OUTCOME

Around successful completion of this course, students will be able to:

- Understand the principles of design for better functional orientation of interior spaces
- Developing skills for friendly environments for Handicap.
- Designing of operational spaces for the physically challenged people.

MODULE -1

Creating friendly environments for Physically Handicapped, Old age People, Destitute, Orphan, Deaf & Dumb, Mentally Retarded Study of existing problems - some reflections of the problems.

MODULE -2

Ergonomic factors & Anthropometries Data, circulation, work surfaces for different Functions, arrangement & clearances, door width, kitchen counter height, counter width.

MODULE -3

Furniture Suggested for them & their details for reading, studying, dining, storing- clothes, books & other daily needs.

Recreational activity

Toilet facilities

Commercial offices

Health care

Facilities Provided in Recreational Areas, Public Areas like ramps, slope Etc.

REFERENCE BOOKS

1. CPWD Guidelines for Space Standards for Barrier Free Built Environment for Disabled & Elderly Persons, CPWD, New Delhi.
2. Joseph De Chiara et.al., Time Saver Standards for Building Types, McGraw Hill International, Singapore, 3rded., Singapore, 1995.
3. Joseph De Chiara et.al., Time Saver Standards for Housing & Residential Development, McGraw Hill International Singapore, 3rded. 1995



SEMESTER III

COURSE CODE: MID 1301	SCHEME OF TEACHING					SCHEME OF EVALUATION				
	L/S	T	P/V	HOURS	CREDIT	CIA	ESE	P/V	TOTAL	Hrs
COURSE NAME-INTERIOR DESIGN STUDIO-III	1	2	0	3	3	100			100	--
COURSE CATEGORY-CC										

SUBJECT OBJECTIVE

- To provide students the knowledge of design of HI-Tech interiors and its implementation through interior projects.

LEARNING OUTCOME

- Learning the future possibilities of Hi-Tech interiors.
- Developing the skills to interpret the design principle related to HI-Tech architecture.
- Application of the discussed principles in design projects.

MODULE- 1

Introduction of Hi-Tech interiors, case studies and materials like glass, plastic, metal, concrete and nano materials.

MODULE- 2

Planning aspects, colors, services, construction details, furniture design and related schemes of small scale and Hi-Tech interiors.

MODULE- 3

Planning aspects, colors, services, construction details, furniture design and related schemes of large scale and Hi-Tech interiors.

SUGGESTED STUDIO EXERCISE

1. Major design problem in Hi tech interior – Residences, club house, commercial, official, any hypothetical project etc.
2. Minor design problem in Hi-tech interior -Hi Tech outlets etc.

REFERENCE BOOKS

1. High Tech Architecture Paperback – Import, 23 January 1989 by Colin Davies

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Devesh  *Uttam* 
  

COURSE CODE: MID 1302	SCHEME OF TEACHING					SCHEME OF EVALUATION				
	L/S	T	P/V	HOURS	CREDIT	CIA	ESE	P/V	TOTAL	Hrs
COURSE NAME- SUSTAINABLE INTERIOR DESIGN										
COURSE CATEGORY- FC	1	2	0	3	3	40	60		100	3

SUBJECT OBJECTIVE

- To enhance the students to develop their knowledge and skill for the efficient use of our natural resources with the consideration of futures as green Interiors is becoming an essential parameter in designing.

LEARNING OUTCOME

On the successful completion of course the students will be able to :

- Understand the concept of green building technology.
- Classify various materials and finishes used in green buildings.
- Judge the suitable Renewable energy source for interiors.

MODULE 1

The concept of sustainability.

Definition, Meaning and Importance in relation to interiors. Impact of green building on human health and natural environment. Renewable energy resources Solar Energy – meaning and importance, advantages, principles and functions of solar devices – solar room heater, solar lights, solar water heater, solar air conditioner

MODULE 2

Materials and finishes used in green buildings

Bamboo, straw, wood, dimension stone, Recycled stone, non-toxic metals, Earth blocks-compressed, rammed, baked; vermiculture, flax, linen, sisal, wood fibres, cork, coconut ,polyurethane block.

MODULE 3

Green building practices and technologies.

Roof, walls, floors – electrical, plumbing, windows, and doors, heating, ventilation and air conditioning (HVAC), insulation, Interior finishes, landscaping.

MODULE 4

Policies

Sustainable interiors designing by adopting various policies. Principles of Sustainable Interior Design. Benefits of Green Interiors.

Indoor Environment Quality (IEQ)

Elements associated to IEQ

Case study – related to Green interiors furniture placement, interior elements, materials and construction techniques.

REFERENCE BOOKS

1. Kim, Jong-Jin; Qualities, Use, and Examples of Sustainable Building Materials, CSS, University of Michigan, 1998.
2. Binggeli, Corky. Materials for interior environments. John Wiley & Sons, 2008
3. Spiegel, Ross; Green building materials: a guide to product selection and specification. John Wiley & Sons, 2010.
4. Martha Maeda, The Complete Guide to Green Building & Remodeling Your Home, Atlantic Pub. Co. 2011

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COURSE CODE: MID 1304	SCHEME OF TEACHING					SCHEME OF EVALUATION				
	L/S	T	P/V	HOURS	CREDIT	CIA	ESE	P/V	TOTAL	Hrs
COURSE NAME- INTERIOR FABRICATION	5	0	0	5	5	40	60		100	3
COURSE CATEGORY-FC										

SUBJECT OBJECTIVE

- To enhance the students to develop their knowledge and skills for interior fabrication.

LEARNING OUTCOME

- Students will learn various types and techniques of interior fabrication.
- Evolving the basic principles of interior fabrication.
- Application of studied principles and various techniques to design the interior spaces.

MODULE 1

Concept of fabrics and its types, various printing styles like dry brush, block, batik, screen and texture (leaves, thread, vegetables, rice, pebbles, etc) etc.

MODULE 2

Application of metal sculptors in interiors.

MODULE 3

Application of stone sculptors in interiors.

MODULE 4

Application of wood sculptors in interiors.

MODULE 5

Application of clay sculptors in interiors.

REFERENCE BOOKS

1. Living with Pattern: Color, Texture, and Print Rebecca Atwood
2. Interior Textiles: Fabrics, Application, and Historic Style by Karla J Neilson
3. Material strategies in digital fabrication by Christopher Beorkrem



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COURSE CODE: MID 1352	SCHEME OF TEACHING					SCHEME OF EVALUATION				
	L/S	T	P/V	HOURS	CREDIT	CIA	ESE	P/V	TOTAL	Hrs
COURSE NAME- DISSERTATION	0	0	5	5	3	150			150	--
COURSE CATEGORY- FC										

SUBJECT OBJECTIVE

- To do the research in any subject related to interior and submit in the form of report.

LEARNING OUTCOME

- Around successful completion of this course, students will be able to communicate their ideas, thoughts and feelings about the field of interior design in a visual form.
- Analysis of various theories and principles of previous semester research subject to strengthen the report writing.
- Employing of various theories and principles of previous semester research subject to write the report.

MODULE

- Topics related to various aspects of interior would be chosen in consultation with faculty members, comprehensively researched, and findings presented in a series of seminars by the individual students.
- The material will be documented and formally presented as a Dissertation at the end of the semester.
- The dissertation would be of a length of 3000-4000 words with illustrations, references, footnotes and annotations.

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COURSE CODE: MID 1353(1)	SCHEME OF TEACHING					SCHEME OF EVALUATION				
	L/S	T	P/V	HOURS	CREDIT	CIA	ESE	P/V	TOTAL	Hrs
COURSE NAME-INTERIOR LANDSCAPE	1	1	2	4	3	50		50	100	--
COURSE CATEGORY-EC										

SUBJECT OBJECTIVE

- To develop a conceptual understanding of design parameters for various built forms
- To develop Skills in integrating landscape design with built environments

LEARNING OUTCOME

- The students will learn to develop and analyze design parameters in the landscape forms.
- Design the kinds of pots and choose the appropriate pot for pot culture.
- Combine the features of Indoor plants in relation to environmental factors

MODULE 1

Landscape – meaning and importance, types of garden, garden components, garden design – formal and informal, principles of landscape gardening.

MODULE 2

Introduction to interior landscape architecture and role of landscaping design in the built environment. Types of natural elements – stones, rocks, pebbles, plants and vegetation. Elements of interior landscape. Types of indoor plants, care and maintenance of plants.

MODULE 3

Landscape design parameters for various types of built forms – indoor and outdoor linkage to spaces. Landscaping of courtyards- residential and commercial forms.

MODULE 4

Pot culture – meaning, selection of pots, plants suitable for indoor, hanging baskets, display and placement, care of indoor plants

MODULE 5

Indoor plant – Definition, importance and types of plants. Care and maintenance of indoor plants, environmental factors - Light: intensity, duration, source, effects, modifications, temperature, humidity, air movement and quality. Bonsai – meaning, plants suitable for bonsai culture, techniques and styles. Artificial indoor plant.

REFERENCE BOOKS

1. Chaudhari, S.N. 2006, Interior Design, Aavishkar Publishers, Jaipur, India.
2. Interior Landscape Hardcover – Import, 1 February 2014 by Jialin Tong
3. Manual of Interior Plantscaping Hardcover – 30 December 2015
by Kathy Fediw (Author)

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COURSE CODE: MID 1353(2)	SCHEME OF TEACHING					SCHEME OF EVALUATION				
	L/S	T	P/V	HOURS	CREDIT	CIA	ESE	P/V	TOTAL	Hrs
COURSE NAME-ADVANCE GRAPHIC DESIGN	1	1	2	4	3	50		50	100	--
COURSE CATEGORY-EC										

SUBJECT OBJECTIVE

- To understand the aspects of Graphic design from basic drawing, tone exercises and sketching.
- To describe natural and geometric forms in object drawing and drafting methods.

LEARNING OUTCOME

After completion of course the students will be able to:

- Illustrate and apply types of lines, line exercises, dimensions, borders, title panels and tracing methods in drafting.
- Design a room or furniture by applying the kinds of perspectives.
- Criticize Isometric and orthographic views in interiors.

MODULE -1

Introduction to pencil exercises – Knowledge about usage of different points of pencils, handling of pencils, practicing lines and tone building exercises. Related Experience: Pencil sketching, shading.

MODULE -2

Exercises of object drawings – natural geometric forms with emphasis on depth and dimension, detail & texture, sunlight & shadow. Related Experience: Exercises in drafting - lines, dimensioning, lettering, borders, title panels, tracing in pencil, ink, use of tracing cloth.

MODULE -3

Drawing – Drawing sheet sizes, composition, fixing. Simple exercises in drafting, point and line, line types, line weights, straight and curvilinear lines, dimensioning, lettering, borders, title panels, tracing in pencil, ink, use of tracing cloth.

MODULE -4

Portfolio preparation. Related Experience: Posters, Calligraphy and Object sketching
Interiors and furniture sketching – Interior still life, perspectives, lighting & composition, textures and details, individual pieces of furniture, elevations & plans etc. using different media. Related Experience: furniture sketching

MODULE -5

Building Geometry – Study of points, lines and planes leading to simple and complex solid geometrical forms. Use of geometry in buildings - isometric, axonometric, and oblique views. Working with models to facilitate visualization. Related Experience: Model making.

REFERENCE BOOKS

1. Bhatt, N.D. and Panchal V.M. Engineering Drawing: Plane and Solid Geometry, 42nd ed. Charotar Pub., Anand, 2000.
2. Bies, D. John. Architectural Drafting: Structure and Environment Bobbs – Merrill Educational Pub., Indianapolis.
3. Francis D. Ching – Architectural Graphics, Wiley publishers, 2002.
4. Francis D. Ching, Design Drawing, Wiley publishers
5. Maureen Mitton, Interior Design Visual Presentation: A Guide to graphics, models and presentation techniques, 3rd edition, wiley publishers, 2007
6. Mogali Delgade Yanes and Ernest Redondo Dominquez, Freehand drawing for Architects and Interior Designers, ww. Norton & co., 2005
7. Shah, M.G., Kale, C.M. and Patki, S.Y. Building Drawing: with an integrated approach to built environment, 7th ed. Tata Mc Graw Hill Pub., Delhi, 2000.
8. Thoms, E. French. Graphics Science and Design, New York: MC Graw Hill

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COURSE CODE: 1353(3)	SCHEME OF TEACHING					SCHEME OF EVALUATION				
	L/S	T	P/V	HOURS	CREDIT	CIA	ESE	P/V	TOTAL	Hrs
COURSE NAME-DESIGN AND DÉCOR OF SURFACES										
COURSE CATEGORY-EC	1	1	2	4	3	50		50	100	--

SUBJECT OBJECTIVE

- To gain the knowledge about wall, floors and ceilings and design the interiors and exteriors This course helps the student to learn about surface enrichment.

LEARNING OUTCOME

- Understanding Purpose and relevance of surface application on interiors.
- Accurate selection, types, care and maintenance of walls and wall coverings and analyzing Hard, semi hard and soft floorings for interiors.
- Discussing the application of physical properties and behavioral components in construction of Interior Design.

MODULE

Introduction to Surface Application .Purpose and relevance of surface application on exteriors and interiors, Uses of surface application in various fields.

MODULE -2

Brick wall, wooden wall, stone wall, pavestone wall, Partition wall, Movable partitions, Boundary wall, Shared walls, Portable walls and wall coverings – Painting, Cork and cork veneer, Fabric backed vinyl, Paper backed vinyl, Metalized foil wall covering, Relief wall covering, Acoustical wall covering, Fabric wall covering, Painting, Wallpaper- Kinds of wall paper, Selection of wall paper, Advantages and disadvantages of wallpaper, Care and maintenance.

MODULE -3

Floors-Types of floors –Hard - Durable but noisy, Fire Retardant, Easily cleaned. Marble, Sand stone, Granite, Concrete, Vitreous Tile, Glazed Tile, Mosaic, Resin, Wooden flooring Semi Hard flooring – Cork, Cork tiles with PVC, Rubber plastic flooring – Tiles rubber, cork, flexible vinyl Soft flooring - carpet, rugs.

MODULE -4

Ceilings-Treatment of ceilings and False Ceiling, Application of Plaster of Paris. Other innovative materials. Construction terminology and details
Physical and behavioral properties-staircases, built in furniture, partitions etc.

REFERENCE BOOKS

- Francis D. Ching, Design Drawing, Wiley publishers
- John.F.Pile, Interior Design, 2nd edition, illustrated, H.N. Abrams, 1995
- Maureen Mitton, Interior Design Visual Presentation: A Guide to graphics, models and presentation techniques, 3rd edition, Wiley publishers, 2007
- <http://www.ca.uky.edu/agc/pubs/fcs4/fcs4402/fcs4402.pdf>
- <http://www.diyadvice.com/diy/painting/interior/>

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COURSE CODE: 1353(4)	SCHEME OF TEACHING					SCHEME OF EVALUATION				
	L/S	T	P/V	HOURS	CREDIT	CIA	ESE	P/V	TOTAL	Hrs
COURSE NAME-TRADITIONAL INTERIORS	1	1	2	4	3	50		50	100	--
COURSE CATEGORY- EC										

SUBJECT OBJECTIVE

- To enable the students to understand the components and principles that help to recognize and appreciate beauty of Indian traditional interiors.

LEARNING OUTCOME

- Understanding furniture styles and accessories during provincial styles.
- Identifying the folk arts and crafts in reference to vernacular Indian interiors.
- Applying the principles, elements of traditional philosophies, Feng Shui and Vaastu

MODULE-1

Introduction of terms. Forms spatial planning, Cultural aspects, Symbolism, Colour, Art. Materials of interior construction and design technique of various regions of the country.

MODULE -2

Vernacular Interiors of Northern Regions of India

Region of study:

Deserts of Kutch and Rajasthan.

Havelis of Rajasthan. - Rural and urban Gujarat; Wooden Mansions (Havelis).

Havelis of the Bohra Muslims.

Geographical regions of Kashmir; House boats of Kashmir

Temples and religious places of North India.

MODULE -3

Vernacular Interiors of Southern Regions of India

Region of study:

Houses and palaces of Kerala,

House boats of Kerala, Kerala Vasthu kala.

Houses and palaces of Tamil Nadu, Chettinad Region, Agraharams.

Houses and palaces of Andhra Pradesh, Telangana and Karnataka.

Temples and religious places of South India.

REFERENCE BOOKS

1. Paul Oliver, Encyclopedia of Vernacular Architecture of the World, Cambridge University Press, 1997.
2. Amos Rapoport, House, Form & Culture, Prentice Hall Inc. 1969.
3. R W Brunskill: Illustrated Handbook on Vernacular Architecture, 1987
4. V.S. Pramdar, Haveli – Wooden Houses and Mansions of Gujarat, Mapin Publishing Pvt. Ltd., Ahmedabad, 1989
5. G.H.R. Tillotsum – The tradition of Indian Architecture Continuity, Controversy – Change since 1850, Oxford University Press, Delhi, 1989.










COURSE CODE: 1353(5)	SCHEME OF TEACHING					SCHEME OF EVALUATION				
	L/S	T	P/V	HOURS	CREDIT	CIA	ESE	P/V	TOTAL	Hrs
COURSE NAME-INTERIOR VAASTU AND FENG SHUI	1	1	2	4	3	50		50	100	--
COURSE CATEGORY- EC										

SUBJECT OBJECTIVE

- To sensitize students with various ancient concepts on Vaastu and Feng Shui and their present relevance

LEARNING OUTCOME

Around successful completion of this course, students will be able to:

- Understand the principles of Vaastu and Feng Shui for better functional orientation of interior spaces.
- Analyze the importance of Vastu and Feng Shui to interior spaces
- Apply the studied principles and philosophies of Vastu and Feng Shui in modern building Interiors.

MODULE-1

In depth discussion on the principles of design, layout, measurements, ground preparation, space arrangement and spatial geometry according to the Vasushashtra and Feng Shui.

MODULE-2

Understanding the five basic elements (Earth, Water, Light, Wind and Space) of nature and balances them with the human and the material and the spaces.

MODULE-3

Discussions of various case studies and detailed study to understand the studied principles and philosophies of Vastu and Feng Shui in modern building Interiors.

REFERENCE BOOKS

1. "GOLDEN PRINCIPLES OF VASTU SHASTRA Vastukarta". www.vastukarta.com. Retrieved 2016-05-08.
2. Acharya P.K. (1946), An Encyclopedia of Hindu Architecture, Oxford University Press
3. Vibhuti Chakrabarti (2013). Indian Architectural Theory and Practice: Contemporary Uses of Vastu Vidya. Routledge. pp. 1-2. ISBN 978-1-136-77882-7
4. Dunning, Brian. "Feng Shui Today". Skeptoid.com. Retrieved 30 October 2016.
5. Cheng Jian Jun and Adriana Fernandes-Gonçalves. Chinese Feng Shui Compass: Step by Step Guide. 1998: 21

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SEMESTER IV

COURSE CODE: MID 1401	SCHEME OF TEACHING					SCHEME OF EVALUATION				
	L/S	T	P/V	HOURS	CREDIT	CIA	ESE	P/V	TOTAL	Hrs
COURSE NAME- INTERIOR OFFICE MANAGEMENT										
COURSE CATEGORY-CC	2	2	0	4	4	40	60		100	3

SUBJECT OBJECTIVE

- To enable the students to understand various approaches to organization strategies and functions that effects the organization culture

LEARNING OUTCOME

On successful completion of the course the student will be able to

- Analyze the world of work group behaviour
- Identify Source of stress at work, consequence of stress
- Describe Organizational development and change

MODULE 1

Approaches to Understanding office and its management

Key organizational principles - Procedures - Differentiation & Integration - Basic Hierarchy - Dimensions
Determination of Structure - Forces Reshaping Organization – Life Cycles in Office

MODULE 2

Office culture

Key Role of Office Culture - Functions & Effects of organizational Culture - Leaders role in shaping and reinforcing culture.

MODULE 3

Work Groups & Teams

Preparing for the world of work, Group Behavior, Emerging issues of Work organization and quality of working life – Career stage model – Moving up the career ladder.

MODULE 4

Stress and Well Being at Work

Four approaches to stress - Sources of stress at work, consequences of stress - Prevalent Stress Management - Managerial implications

MODULE 5

Office Development and Change

Organizational Development Alternative Interventions - Change Agents: Skills - Resistance to change- Managerial the resistance - Levin's change model - Organizational reality

REFERENCE BOOKS

1. Anderson, D., Organization Development: the Process of Leading Organizational Change, Sage Publication 2009.
2. Brown, D. and Harvey, D., An Experiential Approach to Organization Development, 7th Edition, Pearson, 2006.
3. Cheung-Judge, M. and Holbeche, L., Organization Development: A Practitioner's Guide for OD and HR, Kogan Page, 2011.
4. Cummings, T., Theory of Organization Development and Change, 9th Edition, South Western, 2011.
5. French, W., Bell, C. and Vohra, Organization Development: Behavioral Science Interventions for Organization Improvement, 6th Edition, Pearson Higher Education, 2006.

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COURSE CODE: MID 1402	SCHEME OF TEACHING					SCHEME OF EVALUATION				
	L/S	T	P/V	HOURS	CREDIT	CIA	ESE	P/V	TOTAL	Hrs
COURSE NAME-INTERIOR MATERIAL AND SPECIFICATIONS	3	2	0	5	5	40	60		100	3
COURSE CATEGORY-FC										

SUBJECT OBJECTIVE

- To enable students to specify material to work out rate analysis and prepare estimates.

LEARNING OUTCOME

Around successful completion of this course, students will be able to:

- Learn about different types of material used in interiors of any space
- Work out rate analysis and prepare estimates of the project
- Draft different types of tenders

MODULE 1

Introduction to Specification

Definition, importance and uses of specification of various interior materials.

MODULE 2

Material Specification

Writing detailed specification for various advance interior materials related to wall, flooring, ceiling etc.

MODULE 3

Specification of simple construction

Writing detailed specification for various works related to furniture etc,

Specification of BIS and other institutions

General Abbreviations used in specifications.

MODULE 4

Estimation, Types of estimation

Introduction to cost estimation and definitions of terms related to estimates, types of estimates, abstract and detailed estimates with respect to materials, rate and break up of material requirements with respect to labour, introduction to cost accounting and book keeping.

Module 5

Cost accountancy, Rate Analysis

Introduction to cost accountancy and book keeping, Principles of analysis of rates, rates of labour and materials, rate analysis in different building works.

REFERENCE BOOKS

1. Estimating and Costing in Civil Engineering: B. N. Dutta
2. Estimation, Costing & valuation by M. Chakraborty.
3. Civil Engineering Handbook – P.N. Khanna
4. R.C.C. Design – Khurmi, Punmia, Sushil Kumar

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COURSE CODE: MID 1403	SCHEME OF TEACHING					SCHEME OF EVALUATION				
	L/S	T	P/V	HOURS	CREDIT	CIA	ESE	P/V	TOTAL	Hrs
COURSE NAME- SEMINAR										
COURSE CATEGORY-FC	2	2	0	4	4	50	50		100	--

SUBJECT OBJECTIVE

- To make students aware of their research projects.
- To familiarize students about presentation of the research projects through its various components.

LEARNING OUTCOME

Around successful completion of this course, students will be able to:

- Understand the working and presentation of various individual components of interior research project.
- Develop the skill to understand different modes of presentation.
- Apply discussed principles in various seminar and workshops.

MODULE- 1

Presentation of research work. Case study of various interior project

MODULE- 2

Furniture design detail

Drawing, designing and presentation of detail of furniture of the research project.

MODULE- 3





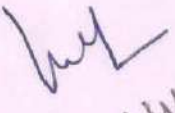


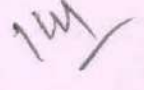

Services

Drawing and detail presentation of various services involved in the research project.

MODULE- 4

Materials

Presentation of the material board for the research project.


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COURSE CODE: MID 1451	SCHEME OF TEACHING					SCHEME OF EVALUATION				
	L/S	T	P/V	HOURS	CREDIT	CIA	ESE	P/V	TOTAL	Hrs
COURSE NAME-THESIS	2	4	6	10	7	0	0	300	300	---
COURSE CATEGORY- FC										

SUBJECT OBJECTIVE

- To do the live design project in an any subject related to interior and submit in the form of report

LEARNING OUTCOME

- Around successful completion of this course, students will be able to communicate their ideas, thoughts and feelings about the field of interior design in a visual form.
- Analysis and formulation of various theories and principles discussed in Dissertation
- Employing of various theories and principles of previous semester research subject to write the report.

MODULE

Interior thesis will consist of two parts:

Research oriented towards establishing a strong theoretical background for the chosen subject.

Full interior design proposal covering all the appropriate details.

NOTE:

It is suggested that the student should get a research paper (in reference to the topic of Dissertation) published in an authentic journal. Weightage will be given for the same.



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COURSE CODE: MID 1452	SCHEME OF TEACHING					SCHEME OF EVALUATION				
	L/S	T	P/V	HOURS	CREDIT	CIA	ESE	P/V	TOTAL	Hrs
COURSE NAME-NTCC	0	3	3	6	5	50	0	50	100	--
COURSE CATEGORY-LAB										

SUBJECT OBJECTIVE

- To equip the students with complete practical knowledge and skills needed for management of office along with current practices and learn to handle interior projects individually.

LEARNING OUTCOME

Around successful completion of this course, students will be able to

- Learn to tackle problems of interior projects individually.
- Learn and interpret the codes of conduct required to enhance skills and techniques of managing small and large scale residential and commercial interior projects.
- Impart knowledge and skills needed such as estimating, costing, analyzing rates and processes of tendering for practicing profession of Interior Architecture.

General Guidelines:

Every student of under graduate courses will be required to undergo a practical training in an organization approved by the Institute for minimum of „60 calendar days“.

The candidates shall be required to undergo training in the various areas of the organization concerned.

The organization may assign a specific project to the candidate, which will be completed by him / her during the period of training.

The work done by the candidate during the training period shall be submitted in the form of a report as per the guidelines provided by the Department.

Internships will be permitted in the following three areas:

Interior design / Architecture firms

Interior design specializations:

This may provide avenues for practice exposure include lighting design, furniture design, cost estimation, specification writing, materials and product research, strategic planning, programming, post occupancy evaluation, sustainable design, historic preservation, community development, facilities management, construction administration and culture based design

Related specializations – This may include companies such as Model home design, kitchen and bath design, Art representation, Color specialist, Interior Design writing and publication firms and Architectural photography.

Progress Report:

Students have to compulsorily submit a summary report of their progress once in every two week undersigned by the industrial supervisor. The student will be required to repeat the training when:

- The report from the employer is not satisfactory.
 - The attendance in the employer office is less than 70% of the number of days required for training.
- Internship Report Submission of Internship Report will be part of the Final Evaluation.

Training Report Evaluation and Presentation.

The candidates will prepare a comprehensive Report. The Report and the certificate from the organization should be attested by the organization where the candidate did the Internship and the same will be submitted to the faculty for evaluation. Guidelines for Writing an Internship Report .

The Industrial Training Report should contain the items as suggested below and is to be presented in the manner and order listed. Students are advised to download the Microsoft Word template of the Industrial Training Report from the Industrial Training website and use the template to prepare the report.

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