

Shri Rawatpura Sarkar University, Raipur



Examination Scheme & Syllabus

for



**Diploma in Electrical Engineering
Semester-I**

**M.Sc. Interior Design
Semester – II**
(Effective from the session: 2022-23)



SHRI RAWATPURA SARKAR UNIVERSITY, RAIPUR CHHATTISGARH
FACULTY OF ENGINEERING

Two Years M.Sc. Programme

Scheme of Teaching and Examination

M.Sc. Second Semester Interior Design

Outcome Based Education (OBE) and Choice Based Credit System (CBCS)

(Effective from the Academic Year 2022-2023)

S.No	Course Code	Course Title	Hours / Week			Credits	Maximum Marks			Sem End Exam Duration (Hrs)
			L	T	P		Continuous Evaluation	Sem End Exam	Total	
1	MSCID201	Textiles For Home And Hotel Interiors	3	1		4	30	70	100	3
2	MSCID202	Working Drawing In Interior Design	3	1		4	30	70	100	3
3	MSCID203	Advanced Landscape In Interiors	3	1		4	30	70	100	3
4	MSCID204P	Textiles For Home and Hotel Interiors	-	-	6	3	30	70	100	4
5	MSCID205P	Working Drawing In Interior Design	-	-	6	3	30	70	100	4
6	MSCID206P	Interior Documentation	-	-	6	3	30	70	100	4
7	MSCID207P	Home Decor	-	-	6	3	30	70	100	4
						24			700	



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Course Title	TEXTILES FOR HOME AND HOTEL INTERIORS				
Course Code	MSCID201				
Course Credits	L	T	P	TC	
	3	1		4	
Prerequisites	Helps to understand the various materials used in Home and Hotel industry for better choice of fabric				
Course objectives	<ul style="list-style-type: none"> To Learn about various materials used in designing furnishings, upholstery, bed linens, Kitchen linens, Bathroom linens 				
Course Contents	<p>UNIT -1 Introduction to home textiles, definition, types of home textiles, factors influencing selection of home textiles, recent trends in home textiles. Introduction to sustainable textiles – definition, uses, advantages and disadvantages.</p> <p>UNIT- II Floor and wall coverings - definition, types of floor covering – hard, soft and resilient floor coverings and uses and care and maintenance of floor coverings, new floor covering materials and manufacturing process, advantages and disadvantages. Wall covering – definition, uses, care and maintenance of wall coverings, new floor covering materials and manufacturing process, advantages and disadvantages.</p> <p>UNIT -III Door and window treatments – definition and parts of door and windows, curtains and draperies – definition and materials used for curtains and draperies. Types of curtains – draw, tailored, pleated, café, three tier curtains. Types of Draperies – Swags. Accessories- rods hook, rails, racks, curtain tape pins.</p> <p>UNIT -IV Soft furnishings for living and bed linen. Introduction to living and bedroom linens, types - sofa, sofa covers, wall hangings, cushions, cushion covers, upholsteries, bolster and bolster covers, bed sheets, covers, blankets, blankets covers, comfort and comfort covers, bed spreads, mattress and mattress covers, pillow covers, pads, uses and care.</p> <p>UNIT- V Soft furnishings for kitchen and dining, types of kitchen linens – kitchen towel. Aprons, dish clothes, fridge, grinder and mixer covers, mittens, fridge holders – their uses and care. Types of dining table mat, dish/pot holders, cutlery holders, fruit baskets, hand towels- uses and care. Bathroom linens – types, uses and care.</p>				

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Course Outcome	Understand art and apply its principles in the creation and selection of textiles.
Text Books	1. Levine M, Living Rooms, Rock Port Publishers, USA, 1998. 2. Mullick P, Textbook of Home Science, Kalyani Publishers, New Delhi, 2000.
Reference Books	1. Stepat D D, Introduction to Home Furnishing, Mac Millan Co., New York, 1971. 2. 2 Wilhide, Eand Copestick, Contemporary Decorating, Conronoctopus Ltd., London, 2000.



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Course Title	WORKING DRAWING IN INTERIOR DESIGN				
Course Code	MSCID202				
Course Credits	L	T	P	TC	
	3	1	-	4	
Prerequisites	To learn the importance of detailed drawing for interior design execution				
Course objectives	<ul style="list-style-type: none"> To learn CAD based techniques for producing working drawings for residential and commercial projects and understand their processes 				
Course Contents	<p>UNIT- 1 Working drawing - Introduction, concept of working drawings its needs and importance and types of working drawing. Details of all drawings, lettering, dimension, abbreviations & symbols, furniture symbols, schedule of openings, title block, notes and description, approval drawings.</p> <p>UNIT- II Considerations for drawing and drafting of plan, development of elevation/sectional elevation, blown-up/ construction details, revisions etc. Detail and installation drawings of interior design product and finishes.</p> <p>UNIT -III Development of working drawings using CAD - introduction, types and its tools-advantages and disadvantages.</p> <p>UNIT- IV Introduction to plumbing drawings - Plumbing layout considerations, details, symbols and abbreviations. Representation of different toilet and bathroom accessories and fixtures with details for the same. Preparation of drawing for 2BHK resident and any commercial establishment.</p> <p>UNIT- V Introduction to electrical drawings - Electrical layout considerations, details, symbols and abbreviations. Representation of different electrical and lighting accessories and fixtures with details for the same. Preparation of electrical drawings for 2BHK residence.</p>				
Course Outcome	To enable the students to learn to draw simple floor plan using AutoCAD commands				
Text Books	1. Andrew Brody, “Electronic Workflow for interior Designers and Architects”, Bloomsbury, 2009. 2. Drew Plunkett, “Drawing for Interior Design”, Laurence King, 2nd edition, 2014.				

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Books

1. Francis D K Ching & Steven P Jurozek, “Design Drawing”, Wiley India Pvt. Ltd., 2012.
2. Maureen Mitton & Courtney Nystuen, “Residential Interior Design - A Guide to Planning Spaces”, Wiley Publication, 3rd edition, 2016

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Course Title	ADVANCED LANDSCAPE IN INTERIORS				
Course Code	MSCID203				
Course Credits	L	T	P	TC	
	3	1		4	
Prerequisites	Helps to impart knowledge about the importance of landscape in interiors				
Course objectives	<ul style="list-style-type: none"> Understanding The Various Concepts And Principles Of Designing Green Environment For Better Aesthetics 				
Course Contents	<p>UNIT- 1 Introduction to landscaping, advantages, elements of landscape, elements and principles of landscape design, landscape design strategies, concept, psychological effects and importance of having plants around us.</p> <p>UNIT -II Introduction to interior landscaping, advantages and disadvantages, factors to be considered, vertical gardening, example of a residential and commercial interior and exterior landscape design.</p> <p>UNIT- III Introduction, types of indoor plants, classification, characteristics & maintenance, air purifying plants, medicinal plants. Planters - Introduction, types- based on material, care and maintenance, importance, boxes and construction details</p> <p>UNIT- IV Introduction, different types of irrigation systems, types of fertilizers, pest control for plants, spacing for plants, psychological disorders in plants.</p> <p>UNIT- V Artificial and preserved plants, flower arrangement: Introduction, classification, types of flowers different types of arrangement for home, office, hotels and flower container, artificial waterfall/ fountain - introduction, types, benefits, maintenance.</p>				
Course Outcome	Understand the importance of environment control in interiors				
Text Books	<ol style="list-style-type: none"> 1. . Alex R and Sudhadevi, Interior Plant Scaping and Foliage Ornamental Plants, LAP Lambert Academic Publishing, 2013. 2. 2. Bree Claffey, Indoor Green: Living with Plants, Thames and Hudson, 1st edition, 2017. 3. 3. James M Delprince, Interior Plant Scaping, Delmar Cengage Learning, 2012. 				

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1. Nelson hammer, Interior landscaping design, Rockport Publishers.
2. Stefano Corbo, Interior Landscapes –A visual Atlas, Images Publishing Dist., 2016



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Course Title	TEXTILES FOR HOME AND HOTEL INTERIORS				
Course Code	MSCID204				
Course Credits	L	T	P	TC	
	-	-	6	3	
Course Contents	UNIT-1 Design and sketch different types of curtains and draperies (any 4) UNIT- II Design and sketch theme based bedroom linen for a hotel suite. UNIT- III Design and develop samples of kitchen linen - Gloves, apron, pot holder. UNIT -IV Collection of different types of furnishing and upholstery materials for home and hotel interiors				



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Course Title	WORKING DRAWING IN INTERIOR DESIGN				
Course Code	MSCID205				
Course Credits	L	T	P	TC	
	-	-	6	3	
Course Contents	<p>UNIT-I Measure drawing/as-built drawing of any given space using necessary measuring equipment and CAD Auto CAD, sketch up layout, revit.</p> <p>UNIT-II Detailed working drawing with sectional elevation, construction details, material specification for 2BHK residential and commercial design.</p> <p>UNIT-III Plumbing and electrical layout for a 2BHK residential/ commercial unit.</p> <p>UNIT-IV Model and construction drawing of any designed furniture.</p>				



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Course Title	INTERIOR DOCUMENTATION				
Course Code	MSCID206				
Course Credits	L	T	P	TC	
	-		6	3	
Prerequisites	To learn and understand the importance of process and documentation in interior design projects				
Course objectives	<ul style="list-style-type: none"> To help in creating a database for future research and projects is encouraged through practical lesson 				
Course Contents	<p>UNIT-1 Documentation – Introduction, types, methodology, application.</p> <p>UNIT-II Site selection, data collection, photographs, sketches etc. Government norms and regulations related to the project.</p> <p>UNIT-III Analysis – analyzing the data collected, drawing conclusions and listing of strategies, literature study.</p> <p>UNIT-IV Report – compilation of all the data collected, analyzed and probable strategies put into report format, digital media</p>				



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Course Title	HOME DECOR				
Course Code	MSCID207				
Course Credits	L	T	P	TC	
	-	-	6	3	
Prerequisites	To impart knowledge regarding interior design and its importance in everyday life				
Course objectives	<ul style="list-style-type: none"> To learn and understand various components and elements of interior design used in home decoration 				
Course Contents	<p>UNIT-I Introduction to basic design, concept- history, types, elements of concept, introduction to bubble diagram, proximity chart and graphical representation, introduction to anthropometrics, application of elements and principles of design.</p> <p>UNIT-II Introduction to Interior design, interior decoration, difference between interior design and decoration, basic principles of interior design and elements of design. Introduction to elevation, section and design details and working drawings.</p> <p>UNIT- III Introduction to colour concepts in interiors – Colours, colour wheel, complementary colours, contrast colours, split complementary colours, analogue colours tints and tones, colour mixing concept. Introduction to paints – types, composition and its application.</p> <p>UNIT-IV Introduction to interior accessories – types of interior accessories, materials, wall murals, traditional art forms, wall hangings, light fixtures, lamp shades, sculptures and its application. Introduction to creative art and craft.</p> <p>UNIT-V Design and apply design concepts in any of the project with floor plan, elevation and design details 2BHK residence• Commercial building• Retail store• Café•</p>				
Reference	<ol style="list-style-type: none"> Gupta S P And Gupta M P, Business Statistics, Sultan Chand & Sons, 2010. Laurel, Brenda. Design Research: Methods And Perspectives, MIT Press, 2003 Mcmillian J, Research In Education: A Conceptual Introduction, Harpers Collins College Publishers, NY, 1997. Mehta, Madan, Building Construction: Principles, Materials, And Systems, Pearson Prentice Hall, 2008. Rao, Pratap M, Interior Design Principles And Practices, Standard Publishers And Distributors, New Delhi, 2012. 				

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