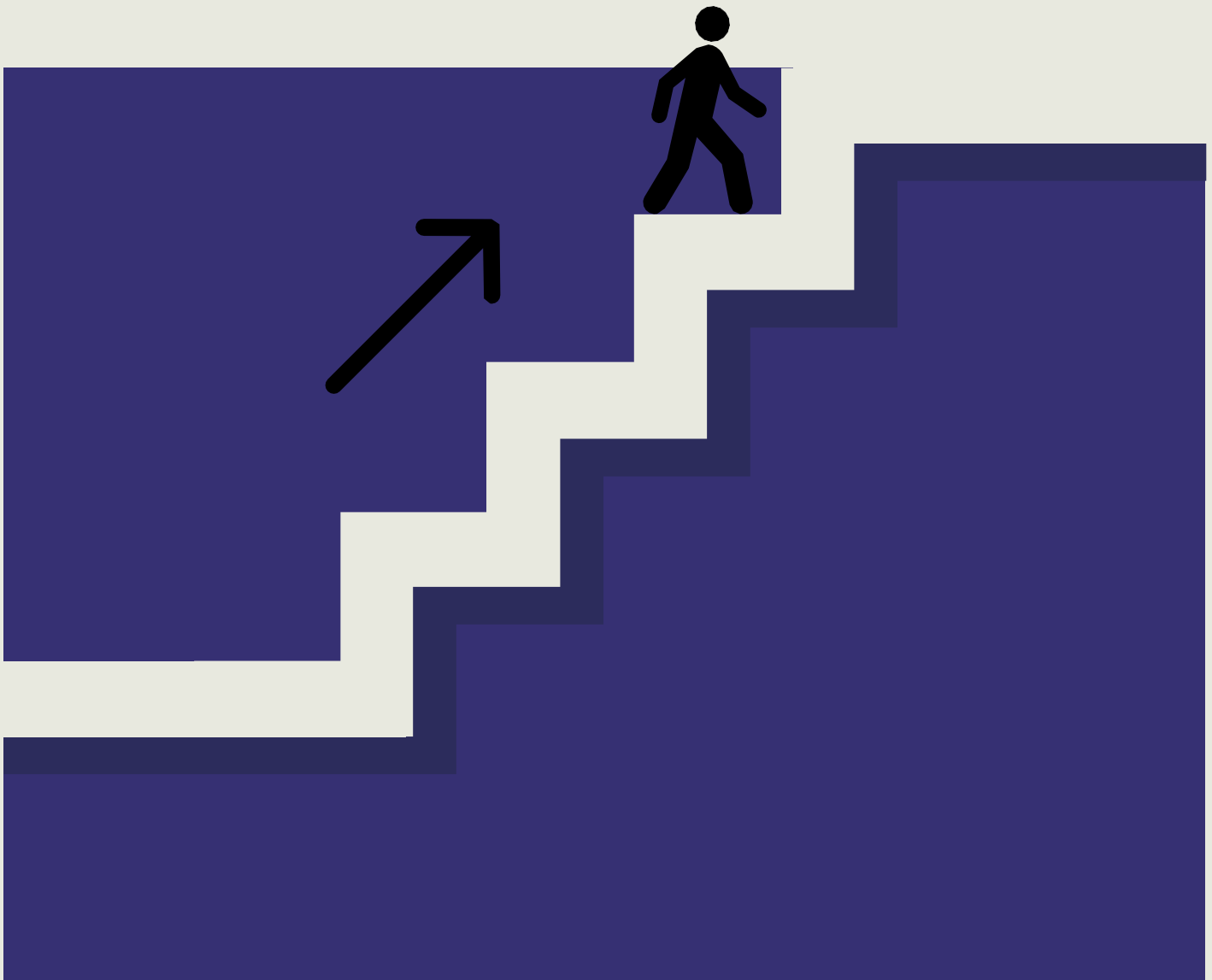




# FAMILY AND COMMUNITY RESOURCE MANAGEMENT *B.SC REGULAR* COURSE OUTLINE NEP 2023-24



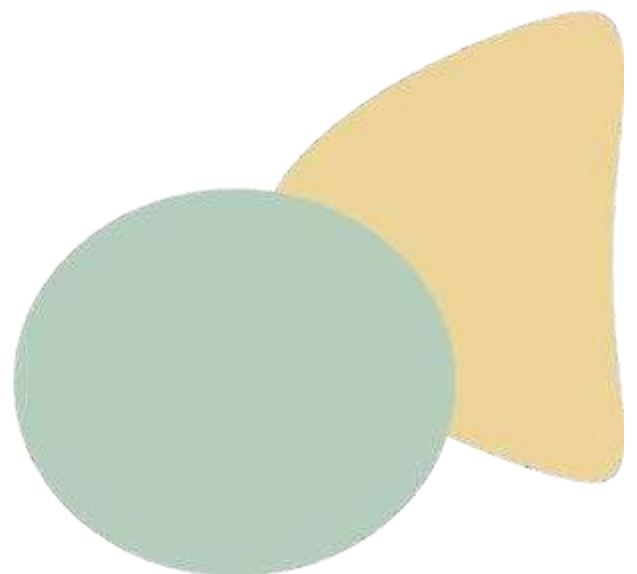


Faculty of Family & Community Sciences

## **NEP 2020 COURSE STRUCTURE OF FCRM DEPARTMENT**

### **REGULAR PROGRAMME**

- **FAMILY AND COMMUNITY RESOURCE MANAGEMENT**
  - **Interior Design**

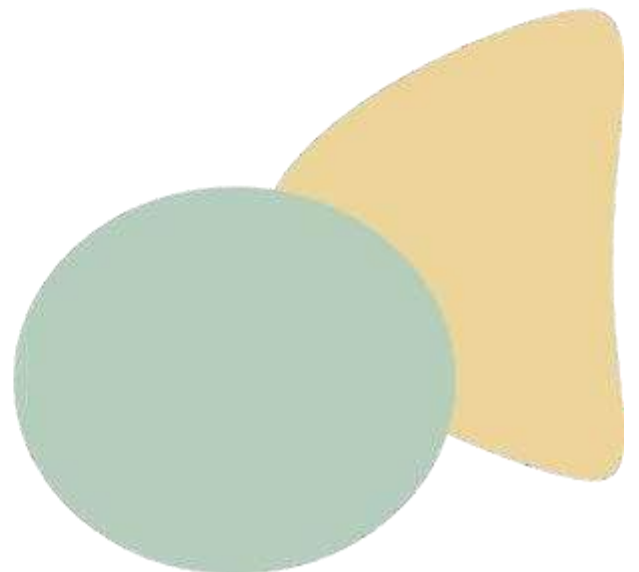




Faculty of Family & Community Sciences

## **FAMILY AND COMMUNITY RESOURCE MANAGEMENT**

### **INTERIOR DESIGN**



<b>NEP STRUCTURE FOR FCRM UNDERGRADUATE COURSE (MAJOR: INTERIOR DESIGN-REGULAR PROGRAMME)</b>			
<b>SEMESTER</b>	<b>COURSE NAME</b>	<b>CREDIT</b>	<b>COURSE TYPE</b>
<b>I</b>	Introduction to Family and Community and Resource Management	4 (4+0)	MAJOR
	Basics of Interior Design and Hospitality Management	4 (4+0)	MAJOR
	Event Management	4 (4+0)	MINOR
	Sustainable Development Goals	4 (4+0)	MDC
	Fundamentals of Communication Skills in English	2 (2+0)	AEC
	Computer Literacy I	2 (1+1)	SEC
	Indian Knowledge System from Family & Community Perspective	2 (2+0)	IKS I
	<b>TOTAL</b>	<b>22</b>	
<b>SEMESTER</b>	<b>COURSE NAME</b>	<b>CREDIT</b>	<b>COURSE TYPE</b>
<b>II</b>	Foundation of Art and Design	4 (2+2)	MAJOR
	Computer-Aided Interior Design –I	4 (0+4)	MAJOR
	Interior Decoration and Furnishings	4 (4+0)	MINOR
	Theory of Resource Management	4 (4+0)	MDC
	Developing Communication Skills in English	2 (2+0)	AEC
	Computer Literacy II	2 (1+1)	SEC
	Environment Science	2 (2+0)	VAC
	<b>TOTAL</b>	<b>22</b>	
<b>SEMESTER</b>	<b>COURSE NAME</b>	<b>CREDIT</b>	<b>COURSE TYPE</b>
<b>III</b>	Fundamentals of Drawing and Anthropometry	4 (1+3)	MAJOR
	Residential Space Designing	4 (2+2)	MAJOR
	Computer Aided Interior Designing-II	4 (0+4)	MAJOR
	Sustainable Interiors	4 (4+0)	MDC
	English for Entrepreneurship	2 (2+0)	AEC
	Model Making	2 (0+2)	SEC
	Indian Art and Craft	2 (2+0)	IKS II
	<b>TOTAL</b>	<b>22</b>	

## Faculty of Family & Community Sciences

SEMESTER	COURSE NAME	CREDIT	COURSE TYPE
IV	Commercial Space Designing	4 (1+3)	MAJOR
	Building Materials	4 (4+0)	MAJOR
	Engineering Services in Interiors	4 (3+1)	MAJOR
	Basics of Travel and Tourism	4 (4+0)	MINOR
	English for Digital and Virtual Communication	2 (2+0)	AEC
	Basics of Ergonomics	2 (1+1)	SEC
	Consumer in the Market	2 (2+0)	VAC II
	<b>TOTAL</b>	<b>22</b>	
SEMESTER	COURSE NAME	CREDIT	COURSE TYPE
V	Lighting in Interiors	4 (4+0)	MAJOR
	Furniture Design	4 (2+2)	MAJOR
	Household Equipment	4 (2+2)	MAJOR
	Consumer Education	4 (4+0)	MINOR
	Kitchen Gardening	4 (4+0)	MINOR
	Orientation to Research	2 (1+1)	SEC
	<b>TOTAL</b>	<b>22</b>	
SEMESTER	COURSE NAME	CREDIT	COURSE TYPE
VI	Kitchen Designing	4 (2+2)	MAJOR
	Landscape Design	4 (3+1)	MAJOR
	Time and Energy Management	4 (2+2)	MAJOR
	Landscaping and Gardening	4 (4+0)	MINOR
	Professional Management in Interior Design	2 (2+0)	AEC
	Training in Interior Design	4 (0+4)	INTERNSHIP
	<b>TOTAL</b>	<b>22</b>	



## Faculty of Family & Community Sciences

<b>WITHOUT RESEARCH</b>			
<b>SEMESTER</b>	<b>COURSE NAME</b>	<b>CREDIT</b>	<b>COURSE TYPE</b>
<b>VII</b>	Intellectual Property Rights in Interior Designing	4 (4+0)	MAJOR
	Ergonomics in Interior Designing	4(3+1)	MAJOR
	Digital Technologies for Interior Space	4(1+3)	MAJOR
	Basics of Vaastu Shastra and Feng Shui	4(4+0)	MINOR
	On Job Training in Interior Designing -I	6(0+6)	OJT
	<b>TOTAL</b>	<b>22</b>	
<b>SEMESTER</b>	<b>COURSE NAME</b>	<b>CREDIT</b>	<b>COURSE TYPE</b>
<b>VIII</b>	Display Techniques in Interior Designing	4(2+2)	MAJOR
	Portfolio Development	4(2+2)	MAJOR
	Vaastu Shastra in Interior Designing	4(4+0)	MAJOR
	Corporate Communication	4(4+0)	MINOR
	On Job Training in Interior Designing -II	6(0+6)	OJT
	<b>TOTAL</b>	<b>22</b>	
<b>TOTAL CREDITS</b>		<b>176</b>	
<b>WITH RESEARCH</b>			
<b>SEMESTER</b>	<b>COURSE NAME</b>	<b>CREDIT</b>	<b>COURSE TYPE</b>
<b>VII</b>	Research Methodologies for Interior Designing	4(3+1)	MAJOR
	Intellectual Property Rights and Ethics	4(4+0)	MAJOR
	Ergonomics Application in Interior Spaces	4(3+1)	MAJOR
	Basics of Vaastu Shastra and Feng Shui	4(4+0)	MINOR
	Dissertation in Interior Designing - I	6(0+6)	RESEARCH
	<b>TOTAL</b>	<b>22</b>	
<b>SEMESTER</b>	<b>COURSE NAME</b>	<b>CREDIT</b>	<b>COURSE TYPE</b>
<b>VIII</b>	Software for Research	4(2+2)	MAJOR
	Professional Portfolio Development	4 (2+2)	MAJOR
	Vaastu Shastra in Interior Designing	4(4+0)	MAJOR
	Corporate Communication	4(4+0)	MINOR
	Dissertation in Interior Designing - II	6(0+6)	RESEARCH
	<b>TOTAL</b>	<b>22</b>	
<b>TOTAL CREDITS</b>		<b>176</b>	



Faculty of Family & Community Sciences

**NEP COURSE OUTLINES OF FCRM DEPARTMENT**

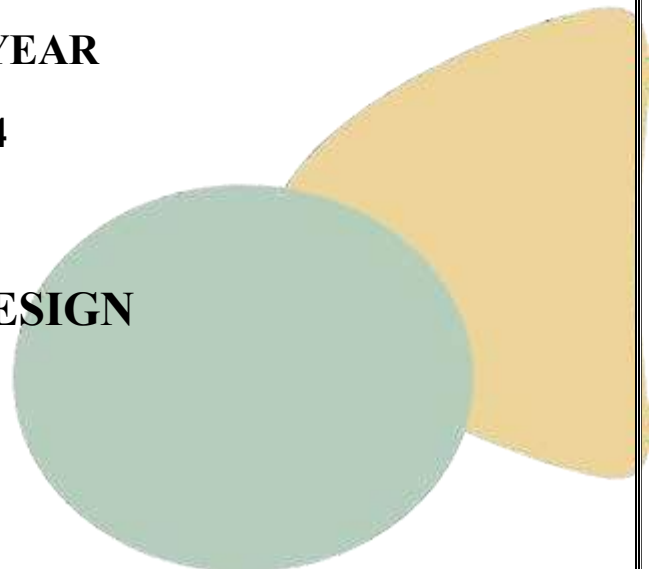
**FIRST YEAR**

**REGULAR PROGRAMME**

**ACADEMIC YEAR**


**2023-2024**

**INTERIOR DESIGN**



<b>NEP STRUCTURE FOR FCRM UNDERGRADUATE COURSE (MAJOR: REGULAR PROGRAMME - INTERIOR DESIGN)</b>				
<b>SEMESTER</b>	<b>COURSE CODES</b>	<b>COURSE NAME</b>	<b>CREDIT</b>	<b>COURSE TYPE</b>
<b>I</b>	FCM2001C	Introduction to Family and Community Resource Management	4(4+0)	MAJOR
	FCM2011C	Basics of Interior Design and Hospitality Management	4(4+0)	MAJOR
	FCE2001C	Event Management	4(4+0)	MINOR
	MDC2371C	Sustainable Development Goals	4(4+0)	MDC
	AEC2201C	Fundamentals of Communication Skills in English	2(2+0)	AEC
	SEC2461C	Computer Literacy- I	2(1+1)	SEC
	IKS2321C	Indian Knowledge System from Family & Community Perspective	2(2+0)	IKS-I
		<b>TOTAL</b>	<b>22</b>	
<b>SEMESTER</b>	<b>COURSE CODES</b>	<b>COURSE NAME</b>	<b>CREDIT</b>	<b>COURSE TYPE</b>
<b>II</b>	IDM2002C	Foundation of Art and Design	4(2+2)	MAJOR
	IDM2012C	Computer-Aided Interior Design –I	4(0+4)	MAJOR
	FCE2002C	Interior Decoration and Furnishings	4(4+0)	MINOR
	MDC2462C	Theory of Resource Management	4(4+0)	MDC
	AEC2262C	Developing Communication Skills in English	2(2+0)	AEC
	SEC2552C	Computer Literacy- II	2(1+1)	SEC
	VAC2322C	Environment Science	2(2+0)	VAC
		<b>TOTAL</b>	<b>22</b>	
<b>II</b>		Summer Internship/Apprenticeship	4(0+4)	
<b>Note:</b> Students who opt to exit after completion of the first year and have secured 44 credits will be awarded a UG certificate if, in addition they complete one vocational course of 4 credits during the summer vacation of the first year.				

# **SEMESTER -I**

	<b>The Maharaja Sayajirao University of Baroda</b> Faculty of Family and Community Sciences Department of Family and Community Resource Management Fatehgunj, Ph.No.:0265-2795522 Email Id: head-fcrm@msubaroda.ac.in			ACADEMIC YEAR 2023-2024
	<b>B.Sc. F.C.Sc (Regular Programme – Interior Design) - First Year – Level 4.5</b>			
YEAR	I	<b>FCM2001C</b> <b>Introduction to Family and Community Resource Management (MAJOR)</b>	CREDIT	4 (4+0)
Semester	I		HOURS	60
<b>OBJECTIVES:</b>				
1. To learn the meaning of resources, concepts related to management and its application. 2. To become familiar with the saving and investment pattern and credit. 3. To understand the significance of environment as a resource and its conservation.				
<b>COURSE CONTENT / SYLLABUS</b>				
<b>UNIT-I</b>	<b>Introduction to Management</b>			12 hrs.
	a. Conceptual Framework of Home Management: Interrelationships among concepts of Home Management. b. Basic concepts, meaning importance and process in Management <ul style="list-style-type: none"> <li>i. Values: Definition, meaning and importance, Classification of values, Sources of values; factors affecting the changes in individual and family values</li> <li>ii. Goals: Definition, meaning and importance; types of goals</li> <li>iii. Standards: Definition, meaning and importance classification of standards</li> <li>iv. Resources: Definition, Characteristics of resources, Classification</li> <li>v. Decision making: Definition, meaning and importance, Steps, Types- Individual and Group</li> </ul> c. Introduction to process of Management: Planning, organizing, controlling and evaluating.			
<b>UNIT-II</b>	<b>Management of Family Resources</b>			12 hrs.
	a. Time: Time as a resource, Need of Time plan and Qualities of good time plan b. Energy: Energy as resource, Meaning and significance of work Simplification Techniques- Flow chart, Process chart, Operation chart, Pathway charts, Activity Analysis, Cyclograph, Micro Motion and Memo Motion analysis c. Money: Money as a resource, Meaning , types and sources of money, real and psychic, Income, Need for money management, Importance d. Process of making budget			
<b>UNIT-III</b>	<b>Saving, Investment and Credit</b>			12 hrs.
	a. Saving and Investment: Meaning, Objectives and methods of saving and investment, Characteristic of good saving plan b. Credit: Meaning, Basis of credit, Sources, Types, Cost of credit, Wise use of credit			
<b>Community resources: Meaning, significance, type and management</b>				


<b>UNIT-IV</b>	a. Family and community-interrelationship b. Community resources-meaning c. Types of community resources: Public and Private Institutions and Services d. Responsibilities of families and individuals in protecting community resources	12 hrs.
<b>UNIT-V</b>	<b>Environment as Resource: Classification, Present Status &amp; Conservation</b>	12 hrs.
	a. Classification b. Hazards to Environmental resource- natural and manmade: Present status c. Role of Individuals in protecting & conserving the environmental resources	
<b>REFERENCES</b>		
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4.	Gross, I., and Crandall E.,(1963), Management for Modern Families. Appleton Century Craft New York.	
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7.	Setharaman, P; Batra s. and Mehra, P; (2005) An Introduction to Family Resource Management CBS Publishers & Distributions, New Delhi.	
8.	Shukul, Maneesha and GandotraVeena, (2006) Home Management and Family Finance, Dominant Publishers and Distribution, Delhi.	
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		<b>The Maharaja Sayajirao University of Baroda</b> Faculty of Family and Community Sciences Department of Family and Community Resource Management Fatehgunj, Ph.No.:0265-2795522 Email Id: head-fcrm@msubaroda.ac.in		ACADEMIC YEAR 2023-2024	
<b>B.Sc. F.C.Sc (Regular Programme – Interior Design) - First Year – Level 4.5</b>					
YEAR	I	<b>FCM2011C</b> <b>Basics of Interior Design and Hospitality Management (MAJOR)</b>		CREDIT	4 (4+0)
Semester	I			HOURS	60
OBJECTIVES:		1. To develop an understanding of Basics of Interior Design. 2. To understand the Elements and Principles of Design. 3. To get an overview of Hospitality Industry. 4. To understand the Functions of various departments of Hospitality Industry			
<b>COURSE CONTENT / SYLLABUS</b>					
<b>UNIT-I</b>	<b>Basics of Foundation of Art and Design in Interior Design</b>				12 hrs.
	a. Objectives of Design: Beauty, Functionalism and Expressiveness b. Types of Design: Structural and Decorative (Naturalistic and Stylized, Abstract and Geometric & Modern and Traditional Design) c. Measurements and Conversions used in Interior Design				
<b>UNIT-II</b>	<b>Basics of Elements and Principles of Design</b>				12 hrs.
	a. Elements of Design: Line, Form, Color, Texture, Pattern, Light and Space b. Principles of Design: Balance, Scale and Proportion, Rhythm, Emphasis, Harmony				
<b>UNIT-III</b>	<b>Basics of Hospitality Industry</b>				12 hrs.
	a. Departments of Hospitality Industry Layout and Structure b. Functions and Management of Food Service Department c. Introduction to Front Office Department and Personal Management d. The Functions of Linen Room and Laundry				
<b>UNIT-IV</b>	<b>Basics of Travel and Tourism and Event Management in Hospitality Industry</b>				12 hrs.
	a. Travel and Tourism i. Meaning and Significance ii. Types of Tourism				
<b>UNIT-V</b>	<b>Event Management</b>				12 hrs.
	a. Definitions & Characteristics of Event b. Meaning, Significance and Concepts related to Event Management c. Types of Events				
<b>REFERENCES</b>					
1.	Gandotra, V.; Shukul, M. and Jaiswal, N. (2010). Introduction to Interior Design and Decoration. Delhi: Dominant Publishers and Distributors				
2.	Seetharaman P. and Pannu, P. (2005). Interior Design & Decoration. New Delhi: CBS Publishers & Distribution				
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4.	Bhatt, P. and Goenka, S. (1990). The Foundation of Art and Design. Bombay: Lakhani book Depot.				

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	<b>B.Sc. F.C.Sc (Regular Programme – Interior Design) - First Year – Level 4.5</b>			
YEAR	I	<b>FCE2001C</b> <b>Event Management</b> <b>(MINOR)</b>	CREDIT	4 (4+0)
Semester	I		HOURS	60
OBJECTIVES:	1 To get acquainted with the concepts in the area of event management. 2 To understand the principles of event management. 3 To learn management and co-ordination for event and analyze risk involved in an event. 4 To become aware of the qualities of good event manager and lean team work challenges.			
<b>COURSE CONTENT / SYLLABUS</b>				
<b>UNIT-I</b>	<b>Event Management</b>			12 hrs.
	a. Meaning, significance concepts related to eventmanagement. b. Design, Budgeting, SWOT analysis, Five W's of Event Management (Why, Who!, When! Where!,What?) c. Categorization of events on the basis of celebration, participation of guest and nature of events			
<b>UNIT-II</b>	<b>Principles of management with special reference to event management</b>			12 hrs.
	a. Planning: Five Cs of successful event planning- conceptualization, costing conversing, customizationand carrying the event b. Execution and controlling c. Evaluation			
<b>UNIT-III</b>	<b>Coordination in Event Management</b>			12 hrs.
	a. Managing contracts b. Management at the venue c. Premising for event management d. Risk Management			
<b>UNIT-IV</b>	<b>Qualities of Good Event Manager</b>			12 hrs.
	a. Leadership Qualities: Ingredients of leadership i. Leadership behavior and styles ii. Integrity & Persistence iii. Collaborative decision Making & Problem solving iv. Communication skills & Vision			
	b. Team works challenges i. Dependability ii. Self interest iii. Trust &. Collaborations			
	d. Definitions & Characteristics of Event e. Meaning, Significance and Concepts related to Event Management f. Types of Events			
<b>REFERENCES</b>				
1.	Goldblatt.J. (2007): "Event Management-Multidisciplinary Professions series", Wiley Eastern,			


	New Delhi.
2.	Goldblatt .J. (2010): "Event Management-Multidisciplinary Professions series", Wiley Eastern, New Delhi.
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	<b>B.Sc. F.C.Sc (Regular Programme – Interior Design) - First Year – Level 4.5</b>			
YEAR	I	<b>MDC2371C</b> <b>Sustainable Development Goals</b> <b>(MULTIDISCIPLINARY COURSE)</b>	CREDIT	4 (4+0)
Semester	I		HOURS	60
<b>OBJECTIVES:</b> <ol style="list-style-type: none"> <li>1. To understand concept of SDGs &amp; integrate the SDGs with Nutrition Science &amp; Dietetics</li> <li>2. To develop an insight for achieving SDGs through core areas of Family and Community Resource Management discipline.</li> <li>3. To integrate SDGs in the curriculum of Extension and communication.</li> <li>4. To understand SDGs in context of Human Development &amp; Family Studies</li> <li>5. To apply sustainable practices as per SDGs in Apparel Industries.</li> </ol>				
<b>COURSE CONTENT / SYLLABUS</b>				
<b>UNIT-I</b>	<b>Introduction to SDG from the Family and Community Science Perspective</b>			12 hrs.
	<ol style="list-style-type: none"> <li>a. Understanding SDG</li> <li>b. Goals and Targets</li> <li>c. SDG India Index</li> <li>d. Achieving sustainable living</li> <li>e. Contributions to a sustainable future</li> </ol>			
	<b>Nutrition in the Context of SDGs</b> <ol style="list-style-type: none"> <li>a. Understanding diet quality related 11 Sustainable Development Goals</li> <li>b. Number of Indicators relevant to nutrition in SDGs</li> <li>c. Diet quality and delivery of the SDGs</li> <li>d. Healthy diets &amp; progress on SDGs: Country Examples</li> </ol>			
<b>UNIT-II</b>	<b>Family and Community Resource Management and SDGs</b>			12 hrs.
	<ol style="list-style-type: none"> <li>a. Understanding importance of SDGs with relevance to the field of Family and Community Resource Management</li> <li>b. Achieving SDGs with Family and Community Resource Management through: <ol style="list-style-type: none"> <li>i. Role of Consumer Education</li> <li>ii. Skill development &amp; Entrepreneurship</li> <li>iii. Sustainable Interiors</li> <li>iv. Sustainable Practices in Hospitality Industry</li> <li>v. Research, Extension &amp; Environment Management</li> </ol> </li> </ol>			
<b>UNIT-III</b>	<b>Integrating SDGs in Extension and Communication Curriculum</b>			12 hrs.
	<ol style="list-style-type: none"> <li>a. Objectives of Extension and Communication Curriculum</li> <li>b. Understanding importance of SDGs with reference to EC curriculum</li> <li>c. Extension and Communication as a field towards achieving SDGs through teaching, Research and Extension : <ol style="list-style-type: none"> <li>i. SDG3:Good Health and Well-being ,</li> <li>ii. SDG 4; Quality of Education ,</li> <li>iii. SDG 5; Gender Equality ,</li> <li>iv. SDG6 : Clean water and Sanitation ,</li> </ol> </li> </ol>			


	<ul style="list-style-type: none"> <li>v. SDG 8: Decent work and Economic Growth ,</li> <li>vi. SDG11: Sustainable Cities and Communities,</li> <li>vii. SDG 17: Partnership for Goals</li> </ul>	
<b>UNIT-IV</b>	<b>Understanding Human Development in the Context of SDGs</b>	12 hrs.
	<ul style="list-style-type: none"> <li>a. Sustainability and Sustainable Development- Interaction of various factors social, political, economic, cultural, ecological at local and global level (Integrative approach)</li> <li>b. Role human beings have played and can play in ensuring balance in nature and sustainable future.</li> <li>c. Curriculum Framework for Sustainable Development Goals – Focus on holistic life course approach, centrality of education</li> <li>d. SDG -4 Quality education -emphasizing: <ul style="list-style-type: none"> <li>i. knowledge and understanding</li> <li>ii. skills and applications</li> <li>iii. values and attitudes</li> </ul> </li> <li>e. SDG policy to practice: effective multi sectoral interventions/programs/case studies at state/national and global levels (values linked to sustainable development: self-awareness, interconnectedness, compassion, peace, justice, value for life and other life forms, equality and equity)</li> </ul>	
<b>UNIT-V</b>	<b>Sustainable Practices of the Apparel Industries</b>	12 hrs.
	<ul style="list-style-type: none"> <li>a. Responsible Production- manufacturing goods and services in an ethical and sustainable way that minimizes waste and pollution and supports long-term sustainability of surrounding communities and their natural environments. (SDG 12)</li> <li>b. Responsible consumption- beyond buying better, greener products and being more aware of their end-of-life destination. Also consideration of the environmental, social, health and economic impacts of a product and its services included. (SDG 12)</li> <li>c. Circular economy- sustainable economic models, in which products and materials are designed in such a way that they can be reused, remanufactured, recycled or recovered. (SDG 12)</li> <li>d. Best practices for sustainability- to build resilient infrastructure, promote sustainable industrialization and foster innovation. (SDG 9)</li> </ul>	
<b>REFERENCES</b>		
1.	Wade.R. Education for sustainability: Challenges and opportunities.Policy and Practice: Education for Sustainable Development Review, 6, 30-48. <a href="https://www.developmenteducationreview.com/issue/issue-6/education-sustainability-challenges-and-opportunities">https://www.developmenteducationreview.com/issue/issue-6/education-sustainability-challenges-and-opportunities</a>	
2.	Osman.A, Ladhani. S, Findlater. E and McKay. V (Curriculum framework for Sustainable Development Goals.Commonwealth Secretariat. Retrieved from <a href="https://www.thecommonwealth-education-hub.net/wpcontent/uploads/2017/01/Curriculum_Framework_for_SDGs_July_2017.pdf">https://www.thecommonwealth-education-hub.net/wpcontent/uploads/2017/01/Curriculum_Framework_for_SDGs_July_2017.pdf</a>	
3.	WHO UNICEF: Nurturing Care Framework for Early Childhood Development <a href="http://www.portal.pmnch.org/maternal_child_adolescent/child/nurturing-care-framework/en/">http://www.portal.pmnch.org/maternal_child_adolescent/child/nurturing-care-framework/en/</a>	
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	<b>B.Sc. F.C.Sc (Regular Programme – Interior Design) - First Year – Level 4.5</b>			
YEAR	I	<b>AEC2201C</b> <b>Fundamentals of Communication Skills in English</b> <b>(ABILITY ENHANCEMENT COURSE)</b>	CREDIT	2(2+0)
Semester	I		HOURS	30
<b>OBJECTIVES:</b> <ol style="list-style-type: none"> <li>To analyze and evaluate different forms of communication, including verbal and nonverbal, and apply this knowledge to improve personal and professional communication skills.</li> <li>To develop effective communication skills by applying knowledge of the components and process of communication to analyze and overcome communication barriers in diverse contexts.</li> <li>To enhance learning in language and communication by developing effective study skills, including notetaking, summarizing, and referencing, and applying these skills to complete research assignments and deliver effective presentations.</li> </ol>				
<b>COURSE CONTENT / SYLLABUS</b>				
<b>UNIT-I</b>	<b>Language and Communication</b>			10 hrs.
	<ol style="list-style-type: none"> <li>English Language and Biological Perspective</li> <li>Functions of Language</li> <li>Varieties of English</li> <li>Pre-requisites of Communication</li> <li>Communication: Definitions and Importance</li> </ol>			
<b>UNIT-II</b>	<b>Fundamentals of Communication</b>			10 hrs.
	<ol style="list-style-type: none"> <li>Components of Communication</li> <li>Process of Communication</li> <li>Barriers to Process of Communication</li> <li>Types of Communication</li> <li>Multiplicities in Communication</li> </ol>			
<b>UNIT-III</b>	<b>Introducing Study Skills</b>			10 hrs.
	<ol style="list-style-type: none"> <li>Study Skills: Learn How to Learn</li> <li>Note-taking, Note-making and Summarizing Skills</li> <li>Library and Referencing Skills.</li> <li>Improving Public Speaking Skills</li> </ol>			
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	<b>B.Sc. F.C.Sc (Regular Programme – Interior Design) - First Year – Level 4.5</b>			
YEAR	I	<b>SEC2461C</b> <b>Computer Literacy-I</b> <b>(Skill Enhancement Course)</b>	CREDIT	2(1+1)
Semester	I		HOURS	45
<b>OBJECTIVES:</b>				
1 To Acquire the fundamental concepts of computer with the present level of knowledge of the students. 2 To identify the basic components of computer and Operating System. 3 To Understand Computer Networks, and browse the internet, content, and collaborate with peers.				
<b>COURSE CONTENT / SYLLABUS</b>				
<b>UNIT-I</b>	<b>Introduction to Computer</b>			05 hrs.
	a. Computer and Latest IT gadgets i. Evolution of Computers & its applications ii. IT gadgets and their applications iii. Basics of Software and Hardware iv. Central Processing Unit and its function v. Computer Memory & storage vi. Application, Systems & Utility Software vii. Mobile Apps b. Operating System i. Basics of Operating system ii. Types & Functions of Operating System			
<b>UNIT-II</b>	<b>Network and Communication</b>			05 hrs.
	a. Introduction to basic Networking Terminology i. Network and its types ii. Network Topology iii. OSI Model iv. ISP and Role of ISP v. Network Protocols b. Introduction to Internet i. Concept of Internet & WWW ii. Website Address and URL iii. Modes of Connecting Internet iv. Introduction to IP Address v. Identifying and uses of IP/MAC vi. Popular Web Browsers c. Using E-mails i. Creating and sending a new E-mail ii. Replying to an E-mail message iii. Forwarding an E-mail message iv. Attaching files with email v. Email Signature vi. Social Networking & e-Commerce			
<b>Word Processor</b>				

<b>UNIT-III</b>	<ul style="list-style-type: none"> <li>a) Word Processing Basics <ul style="list-style-type: none"> <li>i. Opening Word Processing Package</li> <li>ii. Title Bar, Menu Bar, Toolbars &amp; Sidebar</li> <li>iii. Creating, opening &amp; closing a new document</li> <li>iv. Page Setup &amp; Printing of Documents</li> <li>v. PDF file and Saving a Document as PDF file</li> <li>vi. AutoCorrect, Spelling &amp; Grammar</li> <li>vii. Find and Replace</li> <li>viii. Formatting the Text</li> <li>ix. Paragraph Indentation</li> <li>x. Header &amp; Footer</li> <li>xi. Footnote &amp; Endnote</li> </ul> </li> <li>b) Table Manipulation <ul style="list-style-type: none"> <li>i. Insert &amp; Draw Table</li> <li>ii. Changing cell width and height</li> <li>iii. Alignment of Text in cell</li> <li>iv. Delete / Insertion of Row, Column and Merging &amp; Splitting of Cells</li> </ul> </li> <li>b) Function of Mail Merge</li> <li>c) Function of Macro</li> <li>d) Shortcut</li> </ul>	05 hrs.
	<b>PRACTICAL</b>	
1.	Creating, opening & closing a new document	30 hrs.
2.	Page Setup & Printing of Documents	
3.	PDF file and Saving a Document as PDF file	
4.	AutoCorrect, Spelling & Grammar	
5.	Find and Replace	
6.	Formatting the Text	
7.	Paragraph Indentation	
8.	Header & Footer Macro	
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4.	A Gateway to Computer Literacy, RS Salaria, Khanna publication	
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<b>B.Sc. F.C.Sc (Regular Programme – Interior Design) - First Year – Level 4.5</b>					
YEAR	I	<b>IKS2321C</b>		CREDIT	2 (2+0)
Semester	I	<b>Indian Knowledge System from Family &amp; Community Perspective (IKS-I)</b>		HOURS	30
<b>OBJECTIVES:</b>		<ol style="list-style-type: none"> <li>1. To get acquainted with Traditional Home Management Practices in India.</li> <li>2. To understand Indian Civilization and Historical concepts of Human development in Indian Ancient writings</li> <li>3. To gain an insight about Indian Traditional Forms of Communication</li> <li>4. To develop an insight on sustaining Indian Traditional knowledge through textile and craft education</li> <li>5. To understand the Indian food culture and food preferences and to enlighten the students about the Role of Traditional Foods in Health and Diseases</li> </ol>			
<b>COURSE CONTENT / SYLLABUS</b>					
<b>UNIT-I</b>	<b>Home Management Practices in India</b>				06 hrs.
	<ol style="list-style-type: none"> <li>a. Indian Hospitality Practices <ol style="list-style-type: none"> <li>i. Concept of "Atithi Devo Bhava" in India</li> <li>ii. Role of a "Gruhini" in managing home.</li> <li>iii. Traditional Meal Services</li> </ol> </li> <li>b. Traditional Home Decoration <ol style="list-style-type: none"> <li>i. Floor Decoration</li> <li>ii. Wall Decoration</li> <li>iii. Traditional/ Culture Theme Decoration</li> </ol> </li> </ol>				
<b>UNIT-II</b>	<b>Indian civilization and Historical concepts of Human development in Indian Ancient writings</b>				06 hrs.
	<ol style="list-style-type: none"> <li>a. Brief introduction to Indian civilization and history understanding the nature of diversity in India; (cultural, regional, linguistic etc); social stratification and the underlying oneness, unity, similarity across India</li> <li>b. Concept of Human Development in India: 'Individual in the social world' (psychological, metaphysical, spiritual, yogic), Purushartha framework and human development, key terms <ol style="list-style-type: none"> <li>i. Childhood and child socialization, influence of gender; Ayurveda stages of childhood; importance of prenatal development, healthy children, samskara</li> <li>ii. Ashramadharma (4 stages) and 16 samskara; cultural variations and rites of passage</li> <li>iii. Influence of cultural continuity and social change on Human Development, families</li> </ol> </li> </ol>				
<b>UNIT-III</b>	<b>Indian Traditional Forms of Communication</b>				06 hrs.
	<ol style="list-style-type: none"> <li>a. Importance and relevance of studying Traditional Form of Communication</li> <li>b. Historical Evolution of Indian forms of Communication</li> <li>c. Cultural Diversity in Indian Traditional Forms of Communication</li> <li>d. Types of Indian Traditional Forms of Communication <ol style="list-style-type: none"> <li>i. Folk Music, Dance, Drama</li> </ol> </li> </ol>				

	<ul style="list-style-type: none"> <li>ii. Culture and Rituals, Proverbs and Sayings</li> <li>iii. Fairs and Festival</li> <li>iv. Folk Art and Paintings</li> </ul>	
<b>UNIT-IV</b>	<b>Sustaining Traditional Knowledge through Textile Craft Education</b>	06 hrs.
	<ul style="list-style-type: none"> <li>a. Classification of the traditional textile crafts of India (Embroidered, Woven and Painted and Printed)</li> <li>b. Understanding the Textile Craft landscape of Gujarat State.</li> <li>c. Introduction to GO's and NGO's promoting traditional crafts.</li> </ul>	
<b>UNIT-V</b>	<b>Introduction to Food Anthropology</b>	06 hrs.
	<ul style="list-style-type: none"> <li>a. Understanding Food culture (anthropology)</li> <li>b. Introduction to Food Anthropology</li> <li>c. History of Indian Foods</li> <li>d. Food Preferences &amp; Taboos in different cultures</li> <li>e. Role of Traditional Foods in Health and Diseases</li> </ul>	
<b>REFERENCES</b>		
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17.	<a href="https://www.indica.today/quick-reads/understanding-hinduism-vii-glossary-of-terms-in-hinduism/">https://www.indica.today/quick-reads/understanding-hinduism-vii-glossary-of-terms-in-hinduism/</a>	
18.	<a href="https://yoga.ayush.gov.in/Yoga-History/">https://yoga.ayush.gov.in/Yoga-History/</a>	
19.	<a href="https://www.indica.today/long-reads/sixteen-samskaras/">https://www.indica.today/long-reads/sixteen-samskaras/</a>	
20.	<a href="https://www.indica.today/quick-reads/understanding-hinduism-vii-glossary-of-terms-in-hinduism/">https://www.indica.today/quick-reads/understanding-hinduism-vii-glossary-of-terms-in-hinduism/</a>	


**SEMESTER -II**

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	<b>B.Sc. F.C.Sc (Regular Programme – Interior Design) - First Year – Level 4.5</b>			
YEAR	I	<b>IDM2002C</b> <b>Foundation of Art and Design</b> <b>(MAJOR)</b>	CREDIT	4 (2+2)
Semester	II		HOURS	90
<b>OBJECTIVES:</b> <ol style="list-style-type: none"> <li>1. To get oriented to fundamentals of art and design.</li> <li>2. To learn applications of elements of art and design.</li> <li>3. To understand the concepts and application of colours.</li> <li>4. To study applications of principles of design.</li> </ol>				
<b>COURSE CONTENT / SYLLABUS</b>				
<b>UNIT-I</b>	<b>Introduction to Art and Design:</b> <ol style="list-style-type: none"> <li>a. Concept of Design</li> <li>b. Objectives of design: Beauty, Functionalism and Expressiveness</li> <li>c. Understanding concept, theme, style, and idea for a design</li> </ol> Types and Characteristics of Design: Modern and Traditional, Structural and Decorative, Naturalistic and Stylized, Abstract and Geometric			6hrs.
	<b>UNIT-II</b> <b>Elements of Design: Definition, Types and Application</b>			
<b>UNIT-III</b>	<b>Color as an Element of Design</b> <ol style="list-style-type: none"> <li>a. Basics on Color <ol style="list-style-type: none"> <li>i. Concept of Color and its source</li> <li>ii. Properties of Color, Hue, Value, Intensity</li> <li>iii. Illusory effects of Color</li> </ol> </li> <li>b. Color Theories <ol style="list-style-type: none"> <li>i. Pigment Theory by Prang, Munsell and Ostwald</li> <li>ii. Psychologist's Theory</li> <li>iii. Chemist's Theory</li> <li>iv. Physicist Theory</li> </ol> </li> </ol>			6hrs.
	<b>UNIT-IV</b> <b>Application of Colour in a Space</b> <ol style="list-style-type: none"> <li>a. Law of Area and Colour Proportion Systems</li> <li>b. Color Schemes</li> <li>c. Creating Colour Palette</li> <li>d. Interrelatedness of color and other Elements of Design</li> </ol>			
<b>UNIT-V</b>	<b>Principles of Design: Definition, Types and Application</b>			6hrs.
<b>PRACTICAL</b>				
1.	a. Understanding application of elements of design: <ol style="list-style-type: none"> <li>i. Create a composition using types of lines.</li> <li>ii. Creating design using shape and form.</li> <li>iii. Creating types of patterns.</li> <li>iv. Creating types of textures.</li> </ol>			08 hrs.
2.	Creating different types of designs - Modern and Traditional, Structural and Decorative, Naturalistic and Stylized, Abstract and Geometric.			10 hrs.
3.	Principles of design: Conduct critical analysis of space			04 hrs.
4.	Draw Prang color wheel.			06 hrs.
5.	Prepare Value scale of Prang Colour System – tints, shades and tones.			06 hrs.

6.	Illustration of effect of color upon each other.	02 hrs.
7.	Creation of advancing and receding effect by use of various hues.	02 hrs.
8.	Colour extraction and creation of colour palette.	06 hrs.
9.	Applications of colour schemes	10 hrs.
10.	Preparing concept sheet, mood board, material and colour palette	06 hrs

#### **REFERENCE**


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2.	Kasu, A. (2012). Interior Design (Vth Edition). Mumbai, Ashish Book Centre.
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<b>B.Sc. F.C.Sc (Regular Programme – Interior Design) - First Year – Level 4.5</b>					
YEAR	I	<b>IDM2012C  Computer Aided Interior Design-I  (MAJOR)</b>		CREDIT	4 (0+4)
Semester	II			HOURS	120
<b>OBJECTIVES:</b>		1. To get oriented practically with the basic concepts of 2 dimensional & 3-dimensional drawing on computer. 2. To develop skills to use computer as a drafting tool for interiors.			
<b>COURSE CONTENT / SYLLABUS</b>					
1.	Draw Toolbar: Line, Ray, Construction line, Multi line, Revision cloud, poly line, Rectangle, Arc, Polygon, Circle, Donut, point, Region and Wipe out				20 hrs.
2.	Edit Toolbar (Modify): Erase Copy, Mirror, Offset, Array, Move, Rotate, Scale, Starch, Lengthen, Trim, Extend, Break, Join, Chamfer, Fillet and Explode.				20 hrs.
3.	a. Working with layers i. Layers Setting up a New Layer ii. Assigning a color to a Layer iii. Making a Layer Current iv. Making Layers Visible or Invisible v. Line Types vi. Method of Loading a Line Type vii. Line types by Layer viii. Line types by Object b. Moving Objects to Different Layers				20 hrs.
4.	a. Blocks i. Meaning of Block ii. Blocks and Layers iii. Method of making a Block iv. Method of inserting a Block b. Method of using Block in Drawing.				20 hrs.
5.	a. Working with Hatches i. To open a Boundary Hatch and Fill Dialogue Box ii. Selecting a Hatch Pattern iii. Selecting a Hatch Pattern Palette iv. Hatching the Drawing. v. Modify the Hatch Pattern vi. Final application of the Hatch b. Use of Advanced Command i. Selecting the Advanced Option ii. Application of the Advanced Option c. Use of Gradient i. Choosing Single Color Option ii. Choosing Double Color Option				20 hrs.
6.	a. Adding Text ii. Using Single Line Text iii. Multi Line Text iv. Editing Text				10 hrs.


7.	<ul style="list-style-type: none"> <li>a. Dimensioning <ul style="list-style-type: none"> <li>i. Dimension Styles</li> <li>ii. The Dimensioning Tool bar</li> <li>iii. Linear Dimensioning</li> <li>iv. Aligned Dimensioning</li> <li>v. Radius &amp; Diameter</li> <li>vi. Continue Dimensioning</li> <li>vii. Base line Dimensioning</li> <li>viii. Angular Dimensioning</li> </ul> </li> <li>b. Editing a Dimensioning</li> </ul>	10 hrs.
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**REFERENCES**

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<b>B.Sc. F.C.Sc. (Regular Programme – Interior Design) - First Year – Level 4.5</b>					
YEAR	I	<b>FCE2002C</b> <b>Interior Decoration and Furnishings</b> <b>(MINOR)</b>		CREDIT	4 (4+0)
Semester	II			HOURS	60
OBJECTIVES:		1. To understand the concepts of Interior Decoration 2. To learn and gain insight into different surface treatments and finishes used in interiors. 3. To understand the concept of home furnishing and accessories in relation to types, selection and application in interiors. 4. To gain knowledge regarding various window treatments and Furniture.			
<b>COURSE CONTENT / SYLLABUS</b>					
<b>UNIT-I</b>	<b>Introduction to Interior Decoration</b>				10hrs.
<b>UNIT-II</b>	<b>Surface treatments in Interiors: Types, Selection and Care</b>				10hrs.
	a. Floor: Hard and soft floor covering ( rugs and carpets)				
	b. Walls: Paints, wallpapers, wood paneling and contemporary treatments c. Ceilings: Decorative ceilings, false ceilings and materials used for ceiling				
<b>UNIT-III</b>	<b>Home Furnishings</b>				10hrs.
	a. Types of furnishing used in interior designing				
	b. Factor influencing furnishing decisions: climate conditions, needs and preference, availability in the market and principles of design. c. Alternative means of improving home furnishing conditions: elimination, concealment, rearrangement, supplementation (with new items).				
<b>UNIT-IV</b>	<b>Accessories</b>				10hrs.
	a. Utilitarian and decorative accessories: Lamp, pictures, decorative, object, plants and flower arrangements; b. Functional objects.				
<b>UNIT-V</b>	<b>Windows and Window Treatments</b>				10hrs.
	a. Types (with diagram)				
	b. Window treatment i. Hard (Shutters, rollers, blinds, shades) ii. Soft (fabrics for window treatment				
	c. Window accessories: chords, ring rods, trims & decorative articles Windows and Window Treatments				
	d. Types (with diagram)				
	e. Window treatment i. Hard (Shutters, rollers, blinds, shades) ii. Soft (fabrics for window treatment				
<b>UNIT-VI</b>	<b>Furniture: Types, Selection and Arrangement</b>				10hrs.


	<p>a. Types of furniture Materials &amp; finishes: (Selection, Maintenance) Wood, seasoning &amp; types, plastic, metal glass and modern materials (present trends).</p> <p>b. Principles of furniture arrangement</p> <p>c. Factors to be considered while arranging</p> <p>d. furniture in interior space.</p>	
<b>REFERENCES</b>		
1.	Ball, Victoria Kloss (1982): Art of Interior Design, John Wiley & Sons.	
2.	Clifton.c. etal (1991), The complete Home decorator conran octopus Ltd, London.	
3.	Craig, Hazel and Rush, Ola (1962) Homes with Character, Health & Co. Boston	
4.	Dechiara J., Panero J., Zelnik M. (2001). Time-Saver Standards for Interior Design and Space Planning. United States: Mcgraw-Hill, Inc. New York	
5.	Gandotra, V., Shukul, M. & Jaiswal, N. (2011): Interior Design and Decoration, Dominant Publishers, New Delhi	
6.	Gilliate Mary (1983): Making the most of bedrooms & bathrooms, Orbis Publishing, London.	
7.	Kasu, A. (2012). Interior Design, Vth Edition, Ashish Book Center, Chamber D. N. Road, Mumbai.	
8.	Levine M (1998), Living rooms, Rockport publishers, USA.	
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11.	Philips B, (2000), Hamlyn book of decorating, octopus publishing Ltd, London.	
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13.	Levine M (1998), Living rooms, Rockport publishers, USA.	


		<b>The Maharaja Sayajirao University of Baroda</b> Faculty of Family and Community Sciences Department of Family and Community Resource Management Fatehgunj, Ph.No.:0265-2795522 Email Id: head-fcrm@msubaroda.ac.in		ACADEMIC YEAR 2023-2024	
<b>B.Sc. F.C.Sc. (Regular Programme – Interior Design) - First Year – Level 4.5</b>					
YEAR	I	<b>MDC2462C</b> <b>Theory of Resource Management</b> <b>(MULTIDISCIPLINARY COURSE)</b>		CREDIT	4 (4+0)
Semester	II			HOURS	60
OBJECTIVES:		1. To understand the Purpose and Significance of Management as applied to Home in context of changing world. 2. To develop skills for effective Decision Making and Communication. 3. To study Family as a System along with its Components and Concepts of Resource Management.			
<b>COURSE CONTENT / SYLLABUS</b>					
UNIT-I	<b>Management in context of Home</b>				10 hrs.
	a. Introduction to Management: Concept and Principles				
UNIT-II	<b>Management, Maslow's Hierarchy of Needs theory</b>				12 hrs.
	a. Home Maker as Manager: Roles and Responsibilities, Characteristics and Qualities				
	ii. Management in context of changing world.				
	iii. Factors that influence Management as applied to Home:				
UNIT-III	c. Family Composition-Family Life Cycle; Family Size,				12 hrs.
	i. Individual and Family Characteristics: Health, Race, Personality, Education, Occupation, and Social Position.				
	d. Environment: Location & Housing				
UNIT-III	<b>Decision Making and Communication</b>				12 hrs.
	a. Decision making: Meaning, Steps, and Types of Decisions, Factors affecting Decision Making, Aids in Decision Making				
UNIT-IV	b. Communicating: Meaning, Process, Types of Communication, Barriers to Communication				12 hrs.
	<b>Concepts of System as applied to Family as a System</b>				
	a. Definition, Type and Concepts of a System				
UNIT-V	b. The Family System with its Sub-Systems				14 hrs.
	c. Interaction/among family and other systems: Physical Environment, Political, Economic, Socio-Cultural Systems.				
	<b>Components of the Managerial sub-system of Family: Input, through-put, out-put and feedback</b>				
	a. Input: Demands, Resource				
UNIT-V	i. Demands: Goals and Event as Demands				14 hrs.
	ii. Resources: Characteristics & Classification				
	iii. Values and their contribution to Resources and Demands				
	b. Through-puts: Planning: Implementing				
	ii. Planning: Importance and Role of Planning: Types of Plan;				
	iii. Techniques for making a successful plan				
	c. Implementing:				
	i. Controlling-Energizing, Checking, Adjusting				
	ii. Facilitating				
	iii. Supervision				
iv. Guiding and Directing					

	d. Output: Met demands; Used Resources i. Input-Output relations: e. Feedback- Meaning, Positive, Negative f. Evaluation- Role in the Management Process, Types of Evaluation.	
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3.	Nickell, P., Rice, A.S. and Tucker, S.P. (1976). Management in Family Living (5 <sup>th</sup> ed.). New York, John Wiley & Sons, Inc.
4.	Deacon, Ruth E. and Firebaugh F.M. (1975). Home Management: Context and Concepts. Boston, Houghton Mifflin Company.

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<b>B.Sc. F.C.Sc. (Regular Programme – Interior Design) - First Year – Level 4.5</b>					
YEAR	I	<b>AEC2262C</b>		CREDIT	2 (2+0)
Semester	I	<b>Developing Communication Skills in English (ABILITY ENHANCEMENT COURSE)</b>		HOURS	30
OBJECTIVES:		1. To Identify the important aspects of communication Skills and understanding listening and speaking skills. To explore techniques for improving reading skills and to understand types and styles of reading skills. 2. To understand the significance of the concept of critical thinking skills. 3. To understand the nuances of writing different types of paragraphs and to employ various strategies to create slogans.			
<b>COURSE CONTENT / SYLLABUS</b>					
<b>UNIT-I</b>	<b>Oral Communication Skills</b>				10hrs.
	a. Listening Skills: An Introduction b. Types of Listening Skills c. Improving Listening Skills Articulating Speaking Skills				
<b>UNIT-II</b>	<b>Comprehending Reading Skills</b>				10hrs.
	a. Reading Skills: A Lifelong Skill b. Types of Reading c. Techniques of Reading Styles of Reading and Effective Reading				
<b>UNIT-III</b>	<b>Critical Thinking and Writing Skills</b>				10hrs.
	a. Critical Thinking Skills: Concept and Definition b. Rhetoric / Logic / Concerting Ideas into Expression and Developing Arguments c. Paragraph Writing Writing Slogans and Interpreting Information				
<b>REFERENCES</b>					
1.	Khanna, Pooja, English Communication (For AECC Course, Delhi University). Vikas Publishing House. New Delhi.				
2.	Castells, M. Communication Power. Oxford University Press, New Delhi.				
3.	Hargie, O. The Handbook on Communication Skills. Routledge Publication, New York.				
4.	Thomas, Lizy, et al. Fundamentals of language and Communication				
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6.	Surve, Anshu, et al. Developing Communication Skills in English. MacMillan Publishers India Private Limited, 2023, Chennai, India.				
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<b>B.Sc. F.C.Sc. (Regular Programme – Interior Design) - First Year – Level 4.5</b>					
YEAR	I	<b>SEC2552C</b> <b>Computer Literacy-II</b> <b>(SKILL ENHANCEMENT COURSE)</b>		CREDIT	2 (1+1)
Semester	II			HOURS	45
OBJECTIVES:		1 To learn the fundamental concepts of MS Office. 2 To learn development of documents/presentations using MS Word Processor, Spreadsheet & Presentation software. 3 To acquire confidence in using computer in professional and personal life.			
<b>COURSE CONTENT / SYLLABUS</b>					
UNIT-I	<b>Spreadsheet</b>				5 hrs.
	a. Elements of Spread Sheet i. Creating of Spread Sheet ii. Manipulation of Cells & Sheet iii. Modifying / Editing Cell Content iv. Formatting Cell (Font, Alignment, Style) v. Freezing panes b. Formulas, Functions and Charts i. Using Formulas for Numbers ii. Functions in MS Excel iii. Creating Charts iv. Pivot Table and its uses				
UNIT-II	<b>PowerPoint Presentation</b>				5 hrs.
	a. Introduction to PowerPoint Presentation i. Creating a Presentation Using a Template ii. Inserting & Editing Text on Slides iii. Inserting pictures and clip art iv. Creating & using Master Slide v. Presentation of Slides b. Use transitions and animation c. Printing Slides and Handouts				
UNIT-III	<b>Emerging Trends in Technology</b>				5 hrs.
	a. Introduction to Cloud Computing i. Uses and features of Cloud Computing ii. Applications of cloud Computing b. Internet of Things and their Applications used in our daily life. c. Introduction to Artificial Intelligences and their applications. d. Introduction to Cyber security. i. Cyber security goal ii. Types of cyber attacks iii. Types of cyber attackers iv. Cyber Security Tools v. Email Security vi. Digital Signature				

<b>PRACTICAL</b>		
1.	a. Creating, Modifying, Formatting cell Using formulas and Functions: Average, IF, Sum, Sum if, Sum ifs, Min, Max, TRIM, Count, Count A, count if, Count ifs, V lookup, H lookup, Match, Index Creating Charts, Use of Pivot Table, Protect Workbook and Worksheet	10 hrs.
2.	a. Creating Presentation Using Templates b. Creating & using Master Slide c. Use transitions and animation d. Printing Slides and Handouts	20 hrs.
<b>REFERENCES</b>		
1.	Fundamentals of computers, E balagurusamy Publisher: McGraw Hill Education; 1st edition (24 June 2009)	
2.	Computer Fundamentals by Anita Goel Publisher: Pearson India Release Date: April 2010	
3.	Practical Computer Literacy 3rd edition Paperback – January 1, 2011 by June Jamrich Parsons and Dan Oja (Author)	
4.	A Gateway to Computer Literacy, RS Salaria, Khanna publication	
5.	Fundamentals of computer, V Rajaraman Publisher: Niharika adabala; 6Th edition (24 June 2009)	
6.	Computer Fundamentals - 6Th Revised Edition by Pradeep K. Sinha Priti Sinha, BPB Publications	
7.	Computer Skill (Paperback, Surender Kumar Jain) Publisher: Hans Consultancy Bureau	

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<b>B.Sc. F.C.Sc. (Regular Programme – Interior Design) - First Year – Level 4.5</b>					
YEAR	I	<b>VAC2322C</b> <b>Environment Science</b> <b>(Value Added Course)</b>		CREDIT	2 (2+0)
Semester	II			HOURS	30
OBJECTIVES:		<ol style="list-style-type: none"> <li>To appreciate the historical context of human interactions with the environment.</li> <li>To gain insights into the international efforts to safeguard the Earth's environment and resources.</li> <li>To understand the concept of natural resources; identify types of natural resources, their distribution and use with special reference to India.</li> <li>To develop a critical understanding of the environmental issues of concern</li> <li>To Understand the concepts of ecosystems, biodiversity and conservation.</li> <li>To Learn about Pollution, types and sources of different kinds of pollution.</li> <li>To have an overview of national and global efforts to address climate change adaptation and mitigation.</li> <li>To Understand broad aspects of environmental management systems and different methods of assessing environmental quality and associated risks</li> <li>To Learn about the major international treaties and our country's stand on and responses to the major International agreements.</li> </ol>			
<b>COURSE CONTENT / SYLLABUS</b>					
<b>UNIT-I</b>	<b>Humans and the Environment</b>				4 hrs.
	<ol style="list-style-type: none"> <li>The man-environment interaction: Humans as hunter-gatherers; Mastery of fire; Origin of agriculture; Emergence of city-states; Great ancient civilizations and the environment, Indic Knowledge and Culture of sustainability; Middle Ages and Renaissance; Industrial revolution and its impact on the environment; Population growth and natural resource exploitation; Global environmental change.</li> <li>Environmental Ethics</li> </ol>				
<b>UNIT-II</b>	<b>Natural Resources and Sustainable Development</b>				6 hrs.
	<ol style="list-style-type: none"> <li>Overview of natural resources: Definition of resource; Classification of natural resources- biotic and abiotic, renewable and non-renewable.</li> <li>Biotic resources</li> <li>Water resources</li> <li>Soil and mineral resources.</li> <li>Energy resources: Sources of energy and their classification,</li> <li>SDGs related to environment, targets</li> </ol>				
<b>UNIT-III</b>	<b>Environmental Issues: Local, Regional and Global</b>				6 hrs.
	<ol style="list-style-type: none"> <li>Environmental issues and scales: Concepts of micro-, meso-, synoptic and planetary scales; Temporal and spatial extents of local, regional, and global phenomena.</li> <li>Pollution: Impact of sectoral processes on Environment; Types of Pollution- air, noise, water, soil, thermal, radioactive ;municipal solid waste, hazardous waste; trans boundary air pollution; acid rain; smog.</li> <li>Land use and Land cover change: land degradation, deforestation, desertification, urbanization. Biodiversity loss: past and current trends, impact.</li> <li>Global change: Ozone layer depletion; Climate change. Disasters –</li> </ol>				

	Natural and Man-made ( Anthropogenic)	
<b>UNIT-IV</b>	<b>Conservation of Biodiversity and Ecosystems</b>	6 hrs.
	a. Biodiversity and its distribution: b. Ecosystems and ecosystem services: c. Threats to biodiversity and ecosystems: d. Major conservation policies: Discussion on one national and one international case study related to the environment and sustainable development.	
<b>UNIT-V</b>	<b>Conservation of Biodiversity and Ecosystems</b>	4 hrs.
	a. Biodiversity and its distribution: b. Ecosystems and ecosystem services: c. Threats to biodiversity and ecosystems: d. Major conservation policies: Discussion on one national and one international case study related to the environment and sustainable development.	
<b>UNIT-VI</b>	<b>Climate Change: Impacts, Adaptation and Mitigation</b>	4 hrs.
	a. Understanding climate change: b. Impacts, vulnerability and adaptation to climate change	
<b>REFERENCES</b>		
1.	Fisher, Michael H. (2018) An Environmental History of India- From Earliest Times to the Twenty-First Century, Cambridge University Press.	
2.	Headrick, Daniel R. (2020) Humans versus Nature- A Global Environmental History, Oxford University Press.	
3.	Chiras, D. D and Reganold, J. P. (2010). Natural Resource Conservation: Management for a Sustainable Future.10th edition, Upper Saddle River, N. J. Benjamin/Cummins/Pearson.	
4.	Gilbert M. Masters and W. P. (2008). An Introduction to Environmental Engineering and Science, Ela Publisher (Pearson)	
5.	Harper, Charles L. (2017) Environment and Society, Human Perspectives on Environmental Issues 6th Edition. Routledge.	
6.	Harris, Frances (2012) Global Environmental Issues, 2nd Edition. Wiley- Blackwell	
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8.	Sinha, N. (2020) Wild and Wilful. Harper Collins, India.	
9.	Jackson, A. R., & Jackson, J. M. (2000). Environmental Science: The Natural Environment and Human Impact. Pearson Education.	
10.	Masters, G. M., & Ela, W. P. (2008). Introduction to environmental engineering and science (No. 60457). Englewood Cliffs, NJ: Prentice Hall.	
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12.	Barnett, J. & S. O'Neill (2010). Maladaptation. Global Environmental Change—Human and Policy Dimensions 20: 211–213.	
13.	Jørgensen, Sven Marques, Erik João Carlos and Nielsen, Søren Nors (2016) Integrated Environmental Management, A transdisciplinary Approach. CRC Press.	
14.	Theodore, M. K. and Theodore, Louis (2021) Introduction to Environmental Management, 2nd Edition. CRC Press.	
15.	UNEP (2007) Multilateral Environmental Agreement Negotiator's Handbook, University of Joensuu, ISBN 978-952-458-992-5	
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17.	Sharma B.K., 2001, "Environmental Chemistry". Geol Publ. House, Meerut	

18.	Townsend C., Harper J, and Michael B., 2014, "Essentials of Ecology", Blackwell Science
19.	Trivedi R.K., 2010, Handbook of "Environmental Laws, Rules Guidelines, Compliances and Stadards", Vol I and II, Enviro Media
20.	Trivedi R. K. and P.K. Goel, 2003, "Introduction to Air Pollution", Techno-Science Publication
21.	Wanger K.D., 1998, "Environmental Management", W.B. Saunders Co. Philadelphia, USA

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<b>B.Sc. F.C.Sc. (Regular Programme – Interior Design) - First Year – Level 4.5</b>					
YEAR	I	<b>Summer Internship/Apprenticeship</b>		CREDIT	4 (0+4)
Semester	II			HOURS	120
OBJECTIVES:		1. To get On Site Experiential Learning from recognized Institutions/Agency.			
<b>COURSE CONTENT / SYLLABUS</b>					
1.	Internship/ Apprenticeship of 30 days (8 hours per week) under any <b>One</b> of the following: <ol style="list-style-type: none"> <li>a. NGOs, Schools, Anganwadis, Childcare Centre, ICDS</li> <li>b. CSR based Industry</li> <li>c. Food Industry, Hotels, Restaurants, Cafes</li> <li>d. Fitness Centre, Gymnasium, Boutique</li> <li>e. Museum and Exhibits</li> <li>f. Firm of Architects, Interior Designer, Fashion Designer, Graphic Designer</li> <li>g. Aviation, Tourism Industry</li> <li>h. Textile industry, Fashion industry and Media Industry</li> <li>i. Retail outlets</li> <li>j. Student Internship Programmes offered by universities</li> <li>k. Event Management Firms</li> </ol>				-
2.	To prepare the report and make presentation for final evaluation (Certificate to be provided by the Institution/Agency)				-

**UG Certificate:** Students who opt to exit after completion of the second year and have secured 44 credits will be awarded a UG certificate if, in addition they complete one vocational course of 4 credits during the summer vacation of the first year. These students are allowed to re-enter the degree programme within three years and complete the degree programme within the stipulated maximum period of 7 years.

**Note: The course will be evaluated by the agency/Institution under whom the student is doing the internship**

**NEP COURSE OUTLINES OF FCRM DEPARTMENT**

**SECOND YEAR**

**REGULAR PROGRAMME**

**ACADEMIC YEAR**


**2024-2025**

**INTERIOR DESIGN**

<b>NEP STRUCTURE FOR FCRM UNDERGRADUATE COURSE (MAJOR: REGULAR PROGRAMME -INTERIOR DESIGN)</b>				
<b>SEMESTER</b>		<b>COURSE NAME</b>	<b>CREDIT</b>	<b>COURSE TYPE</b>
<b>I</b>	IDM2003C	Fundamentals of Drawing and Anthropometry	4 (1+3)	MAJOR
	IDM2013C	Residential Space Designing	4 (2+2)	MAJOR
	IDM2023C	Computer Aided Interior Designing-II	4 (0+4)	MAJOR
	MDC2313C	Sustainable Interiors	4 (4+0)	MDC
	AEC2183C	English for Entrepreneurship	2 (2+0)	AEC
	SEC2243C	Model Making	2 (0+2)	SEC
	IKS2153C	Indian Art and Craft	2 (2+0)	IKS II
			<b>TOTAL</b>	<b>22</b>
<b>SEMESTER</b>		<b>COURSE NAME</b>	<b>CREDIT</b>	<b>COURSE TYPE</b>
<b>II</b>	IDM2004C	Commercial Space Designing	4 (1+3)	MAJOR
	IDM2014C	Building Materials	4 (4+0)	MAJOR
	IDM2024C	Engineering Services in Interiors	4 (3+1)	MAJOR
	FCE2004C	Basics of Travel and Tourism	4 (4+0)	MINOR
	AEC2184C	English for Digital and Virtual Communication	2 (2+0)	AEC
	SEC2224C	Basics of Ergonomics	2 (1+1)	SEC
	VAC2214C	Consumer in the Market	2 (2+0)	VAC II
			<b>TOTAL</b>	<b>22</b>


<b>FFCSc MINOR COURSE IN GRANT-IN AID PROGRAMME (4 CREDITS) LIST FOR STUDENTS OFFERED BY ALL DEPARTMENTS (Choose other than the selected Major)</b>				
<b>SEMESTER</b>	<b>COURSE CODE</b>	<b>COURSE NAME</b>	<b>CREDIT</b>	<b>COURSE TYPE</b>
<b>II</b>	FCE2034C	Sustainable Interiors	4(4+0)	Minor

# **SEMESTER-I**

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<b>B.Sc. F.C.Sc. (Regular Programme- Interior Design) – Second Year – Level 5.0</b>					
YEAR	II	<b>IDM2003C</b> <b>Fundamentals of Drawing and Anthropometry</b> <b>(MAJOR)</b>		CREDIT	4 (1+3)
Semester	I			HOURS	105
OBJECTIVES:		1. To understand basics of geometry in design. 2. To learn projection techniques in drawing. 3. To develop drawing and basic drafting skills.			
<b>COURSE CONTENT / SYLLABUS</b>					
<b>UNIT-I</b>	<b>Concepts of Geometry</b>				4 hrs.
	a. Point, line, and concept of distance b. Construction of angles, planes, and solids c. Defining Space by Shades and Shadows d. Live and Free hand drawing e. Lettering Techniques and Applications f. Rendering techniques for various textures and materials g. Drawing and Drafting Tools				
<b>UNIT-II</b>	<b>Basics of Anthropometry</b>				2 hrs.
	a. Meaning and importance of Anthropometry b. Understanding Human Proportions in Perspective.				
<b>UNIT-III</b>	<b>Orthographic and Metric Projections</b>				5 hrs.
	a. Plan, Side, Front and Back Views b. Types of elevations c. Isometric, Axonometric and Oblique Projections				
<b>UNIT-IV</b>	<b>Perspective Projection</b>				4 hrs.
	a. Terminologies for Perspective Projection b. Types of Perspective Projection				
<b>PRACTICAL</b>					
1.	Learn Metric conversions				4 hrs
2.	Understand the use of various drawing and drafting tools				2 hrs
3.	Learn Construction of Geometric shapes and forms				6 hrs
4.	Learn Defining Space by Shades and Shadows				6 hrs
5.	Create live sketch of a selected space and Free hand drawing of an object in context with human proportions.				8 hrs
6.	Learn Lettering Techniques and Applications				6 hrs
7.	Designing Logo and Visiting Card for Interior Design Firm.				6 hrs
8.	Understand and draw Rendering techniques for various textures and materials				8 hrs
9.	Drafting orthographic projections of selected interior space				14 hrs
10.	Drafting metric projections of selected interior space				14 hrs
11.	Drafting One-Point Perspective of selected interior space				16 hrs


## REFERENCES

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3.	Dechiara J., Panero J., Zelnik M. (2001). Time-Saver Standards for Interior Design and Space Planning. New York, United States: Mcgraw-Hill, Inc.
4.	Karlen M. & Fleming R (2018). Space Planning Basics (Fourth edition). New Jersey, John Wiley & Sons.
5.	Kasu, A. (2012). Interior Design (Vth Edition). Mumbai, Ashish Book Centre.
6.	Kilmer, W. O., Kilmer, R. (2003). Construction Drawings and Details for Interiors: Basic Skills. United States: John Wiley & Sons.
7.	Martin A. (2018). Interior Design review (Volume 22). USA, teNeues Publishing Company.
8.	Millar, M. (1960) Know How to Draw. London. Basford Ltd
9.	Nissen, L., Faulkner S. and Faulkner R. (1994). Inside Today's Home (6th Edition). United States, Cengage Learning.


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<b>B.Sc. F.C.Sc (Regular Programme- Interior Design) – Second Year – Level 5.0</b>					
YEAR	II	<b>IDM2013C</b> <b>Residential Space Designing</b> <b>(MAJOR)</b>		CREDIT	4 (2+2)
Semester	I			HOURS	90
OBJECTIVES:		1. To understand the basic needs and requirement of clients with regard to designing the interiors of a residential space. 2. To develop skills in designing the residential interiors			
<b>COURSE CONTENT / SYLLABUS</b>					
<b>UNIT-I</b>	<b>Design Development Process</b>				10 hrs.
	a. Development of a Design Concept b. Design programme and Methodology				
<b>UNIT-II</b>	<b>Aspects of Design Development of Residential Spaces</b>				5 hrs.
	a. Concept Development b. Understanding Family background and Client profile c. Spatial and functional requirements d. Human factors (as per human activities in space) e. Selection of surface treatments, furniture, lighting, equipment/appliance, furnishings, and accessories. f. Budgetary and economic considerations.				
<b>UNIT-III</b>	<b>Understanding various areas of a residential space</b>				10 hrs.
	a. Public Spaces b. Private Spaces c. Utility Spaces				
<b>UNIT-IV</b>	<b>Services in Residential Spaces</b>				5 hrs.
	a. Plumbing Services b. Electrical Services				
<b>PRACTICAL</b>					
1.	Site Analysis and Site Planning				05 hrs.
2.	Developing design concept/idea/theme/style				05 hrs.
3.	Drafting of Floor Plan				10 hrs.
4.	Proposing Furniture Layout				10 hrs.
5.	Flooring Design and Detailing				05 hrs.
6.	Ceiling Design and Detailing				10 hrs.
7.	Electrical Layout and Services				10 hrs.
8.	Plumbing Layout and Services				05 hrs.
<b>REFERENCES</b>					
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2.	Dechiara J., Panero J., Zelnik M. (2001). Time-Saver Standards for Interior Design and Space Planning. New York United States: McGraw-Hill, Inc.				
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4.	Patel,S., Trivedi,K., Shah,K. & Desai,N.( 2020). Residential space designing. Authors press,				

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		<b>The Maharaja Sayajirao University of Baroda</b> Faculty of Family and Community Sciences Department of Family and Community Resource Management Fatehgunj, Ph.No.:0265-2795522 Email Id: head-fcrm@msubaroda.ac.in		ACADEMIC YEAR  2024-2025	
<b>B.Sc. F.C.Sc. (Regular Programme- Interior Design) – Second Year – Level 5.0</b>					
YEAR	II	<b>IDM2023C</b> <b>Computer-Aided Designing - II</b> <b>(MAJOR)</b>		CREDIT	4 (0+4)
Semester	I			HOURS	120
OBJECTIVES:		1. To get oriented practically with the basic concepts of 2-dimensional drawings. 2. To develop skills to use computer as a drafting tool for interior design			
<b>PRACTICAL</b>					
<b>I</b>	<b>Designing different types of blocks for different interior spaces using draw and edit toolbars</b>				24 Hrs.
	a. Windows b. Doors c. Mirror d. Basin e. WC f. Kitchen Equipment				
<b>II</b>	<b>Application of different hatch patterns to show different materials.</b>				10 Hrs.
	a. Glass b. Wood c. Metal d. Brick e. Concrete and others				
<b>III</b>	<b>Application of Draw, Edit, and Hatch toolbars in making different furniture designs.</b>				20 Hrs.
	a. Types of Sofa b. Types of beds c. Types of Dining Tables d. Types of Wardrobe and others				
<b>IV</b>	<b>Application of Layers in making plans of different types of rooms (Room for 1 person, Master bedroom, and others</b>				26 Hrs.
<b>V</b>	<b>Application of commands in making a plan of studio apartment</b>				26 Hrs.
<b>VI</b>	<b>Introduction to Computer Aided 3D Modeling</b>				14 Hrs.
<b>REFERENCES</b>					
1.	Auto CAD Help 2D Software.				
2.	Sharma, A.K. (2018). Auto CAD Shortcut Command (2D and 3D). (Publisher not available).				
3.	Onstott, S. (2017).Auto CAD 2018 and AutoCAD LT 2018 Essentials.1st Edition. Washington: Sybex Publisher.				
4.	Sharma, A.K. (2018). Auto CAD Shortcut Command (2D and 3D). (Publisher not available).				

	<b>The Maharaja Sayajirao University of Baroda</b> Faculty of Family and Community Sciences Department of Family and Community Resource Management Fatehgunj, Ph.No.:0265-2795522 Email Id: head-fcrm@msubaroda.ac.in			ACADEMIC YEAR  2024-2025
	<b>B.Sc. F.C.Sc. (Regular Programme- Interior Design) – Second Year – Level 5.0</b>			
YEAR	II	<b>MDC2313C</b> <b>Sustainable Interiors</b> <b>(MULTIDISCIPLINARY COURSE)</b>	CREDIT	4 (4+0)
Semester	I		HOURS	60
<b>OBJECTIVES:</b> <ol style="list-style-type: none"> <li>1. To acquire knowledge about Origin and Evolution of Sustainable Development.</li> <li>2. To gain awareness about Environment Protection and Sustainable Environment.</li> <li>3. To gain insight into Green Building Technologies and Practices.</li> <li>4. To learn about the concept of Sustainable Environment in Interior Designing.</li> <li>5. To get an insight into Green Features in Interior Design.</li> </ol>				
<b>COURSE CONTENT / SYLLABUS</b>				
<b>UNIT-I</b>	<b>Understanding the concept of Sustainable Development</b>			12hrs
	a. Concept of Sustainability and Sustainable Development b. Role of Individuals, Communities, Local Municipal Authority, Government and Non-Governmental Agencies in Sustainable Development c. Purpose of Sustainable Environment			
<b>UNIT-II</b>	<b>Sustainable Technologies and Practices for Interior Design</b>			12hrs
	a. Meaning, Concept and Significance of Sustainable Interiors b. Green Building Technologies c. Principles of developing Green Buildings			
<b>UNIT-III</b>	<b>Concept of Sustainable Environment in Interior Designing</b>			12hrs
	a. Purpose of Sustainable Environment in Interior Designing b. Process of developing Sustainable Environment in Interior Designing			
<b>UNIT-IV</b>	<b>Green features in Interior Design</b>			12hrs
	a. Water Conservation b. Energy Efficiency c. Indoor Environment			
<b>UNIT-V</b>	<b>Sustainable Materials</b>			12hrs
	a. Interior Materials b. Innovation in Interior Design			
<b>REFERENCES</b>				
1.	Amit Khanna De et al (1998). Sustainable Development and Environment: Vol. 1. New Delhi, Cosmo Publishers.			
2.	Bougdah, H., & Sharples, S. (2009). Environment, technology and sustainability. Taylor & Francis.			
3.	Chauhan, I.S. and Chauhan, A (1998). Environmental Degradation: Socio-economic Consequences, Jaipur. Rawat Publishers.			
4.	Diwan Paras and Diwan Parag (1998): Environmental Management, Law and Administration: Reading and Cases: New Delhi Venity Books International.			
5.	Goel, P.K. and Sharma, K.P. (1996): Environmental Guidelines and Standards in India, Jaipur Techno- Science.			

6.	Guzowski, M. (2010). Towards zero-energy architecture: new solar design. Laurence King Publishing.
7.	Hodges L. (1977), Environmental Pollution, (2 <sup>nd</sup> Edition), United States Holt McDougal.
8.	Jones, L. (2008). Environmentally responsible design: Green and sustainable design for interior designers. John Wiley & Sons.
9.	Joshi, Y.G. and Verma, D.K. (1998): Social Environment for Sustainable Development: Jaipur. Rawat Publishers.
10.	Katiyar, V.S. (1997): Environmental Concerns, Depleting Resources and Sustainable Development, Jaipur. Pointer Publishers.
11.	Kumar, Arvind (2008): A Textbook of Environmental Science, New Delhi, APH Publishing Corporation.
12.	Lewis E. (2018). Sustain a speak: A Guide To Sustainable Design Terms. New York, Routledge.
13.	Pawar, S.N. and Patil, R.B. (1998). Sociology and Environment, Jaipur. Rawat Publishers.
14.	Peuportier, B. (2015). Eco-design for Buildings and Neighbourhoods. CRC Press.
15.	Singh, Y. K. (2006). Environmental science. New Age International.
16.	Viegas, Philip and Menon, Geeta (1989): The impact of Environmental Degradation on People, New Delhi. Indian Social Institute.
17.	Winchip, S. M. (2011). Sustainable design for interior environments second edition. A&C Black.
18.	Yudina, Anna (2017): Garden City: Super green Buildings, Urban Skyscapes and the New Planted Space, United Kingdom, Thames and Hudson.

		<b>The Maharaja Sayajirao University of Baroda Faculty of Family and Community Sciences Department of English Vadodara, Gujarat.</b> <b>Contact Details : head-eng@msubaroda.ac.in</b>		ACADEMIC YEAR 2024-2025
		<b>Bachelor of Science including BSC (FT), BSC (FCSC), BSC(FN) (HPP), BSC (ID) (HPP) and all other Regular and HPP Programmes</b> <b>Bachelor Programme: As per NEP 2020</b>		
<b>YEAR</b>	<b>II</b>	<b>AEC2183C</b> <b>ENGLISH FOR ENTREPRENEURSHIP</b> <b>(ABILITY ENHANCEMENT COURSE)</b>	CREDIT	2 (2+0)
<b>Semester</b>	<b>I</b>		HOURS	30
<b>COURSE OUTLINE:</b> <p>This two-credit, third-semester course for second-year students is tailored to integrate English language skills with entrepreneurial practices. Covering 30 hours of teaching, the course aims to prepare students for the linguistic demands of the entrepreneurial world, focusing on communication strategies, business writing, and presentation skills essential for startups and business interactions.</p>				
<b>OBJECTIVES:</b>		<ul style="list-style-type: none"> <li>• <b>Master Business Communication:</b> Develop the ability to communicate effectively in English within various business contexts, enhancing negotiation, networking, and persuasive skills.</li> <li>• <b>Enhance Professional Writing and Speaking:</b> Acquire and refine skills in writing business proposals, emails, and reports, as well as improving public speaking and pitch presentation abilities.</li> <li>• <b>Understand Entrepreneurial Vocabulary:</b> Learn specific vocabulary and expressions related to entrepreneurship and business operations.</li> <li>• <b>Apply English in Real-World Scenarios:</b> Use English proficiently in simulations and real-life scenarios such as business meetings, investor pitches, and marketing campaigns.</li> </ul> <p>This course not only enhances the students' English language skills but also equips them with the communication tools necessary for successful entrepreneurial ventures. By integrating practical business scenarios, the course ensures that students are ready to use their language skills in a business environment effectively.</p>		
<b>COURSE CONTENT / SYLLABUS</b>				
<b>UNIT -I</b>	<b>Core Business Communication Skills</b>		10 hrs.	
	a. Fundamentals of Business Communication b. Techniques in Negotiation and Persuasion c. Customer Communication and Service d. Effective Team Collaboration and Feedback			
<b>UNIT -II</b>	<b>Professional Communication Skills</b>		10 hrs.	
	a. Writing Business Proposals and Executive Documentation b. Crafting Professional Emails and Business Correspondence c. Report Writing and Documentation d. Creating Executive Summaries and Briefs			
<b>UNIT -III</b>	<b>Effective Presentation and Interpersonal Skills</b>		10 hrs.	
	a. Presentation Skills and Technology Integration b. Public Speaking and Eloquence c. Leadership and Cultural Communication d. Conflict Resolution and Diplomacy			

## TEACHING METHODOLOGY


- **Lectures and Readings:** Traditional lecturing combined with assigned readings to provide foundational knowledge and context.
- **Lecture Method Combined with Discussion:** Utilize traditional lectures supplemented by interactive class discussions to enhance understanding and engagement.
- **Use of Audio-visual Aids and Internet Resources:** Integrating multimedia tools such as videos, podcasts, and online databases to enrich the learning experience and provide diverse perspectives on literary topics.
- **Supervising Projects, Presentations, and Items for Self-Study:** Oversee individual and group projects that culminate in presentations, encouraging deep exploration of literature and promoting independent learning.
- **Socratic Seminars:** Facilitating dialogues where students engage in critical discussions about literary texts, fostering deeper understanding through inquiry.
- **Group Discussions:** Organizing students into small groups to discuss themes, characters, and literary devices, promoting collaborative learning.
- **Dramatic Readings and Performances:** Utilizing in-class readings or performances to bring literature to life and explore its dramatic potential.
- **Multimedia Presentations:** Use of film, audio, and digital media to complement traditional texts and offer varied perspectives on literary works.
- **Creative Writing Workshops:** Encouraging creative expression by having students write their own pieces inspired by the themes and styles studied in class.
- **Online Discussion Forums:** Utilization of online platforms for ongoing discussions outside of class, enabling students to respond to prompts and share additional resources.


Combining these readings, activities, and methodologies will provide a

	dynamic and comprehensive educational experience, preparing students effectively for entrepreneurial challenges by enhancing their English communication skills in business contexts.	
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**REFERENCES**

1.	Business Communication: Building Critical Skills by Kitty O. Locker and Stephen Kyo Kaczmarek
2.	The Entrepreneur's Guide to Business Writing and Speaking by Tom Gorman
3.	HBR Guide to Persuasive Presentations by Nancy Duarte
4.	Writing That Works; How to Communicate Effectively in Business by Kenneth Roman and Joel Raphaelson
5.	Talk Like TED: The 9 Public-Speaking Secrets of the World's Top Minds by Carmine Gallo

		<b>The Maharaja Sayajirao University of Baroda</b> Faculty of Family and Community Sciences Department of Family and Community Resource Management Fatehgunj, Ph.No.:0265-2795522 Email Id: head-fcrm@msubaroda.ac.in		<b>ACADEMIC YEAR</b>  2024-2025	
<b>B.Sc. F.C.Sc. (Higher Payment Programme- Interior Design) – Second Year – Level 5.0</b>					
YEAR	II	<b>SEC2243C</b> <b>Model Making</b> <b>(SKILL ENHANCEMENT COURSE)</b>		CREDIT	2 (0+2)
Semester	I			HOURS	60
<b>OBJECTIVES:</b>		1. To help students understand the need and importance of Model Making. 2. To make students prepare model for all components of Interiors.			
<b>COURSE CONTENT / SYLLABUS</b>					
<b>PRACTICAL</b>					
1.	Introduction to Model making and importance of model making				6hrs
2.	Understanding scales for model making				4hrs
3.	Market Survey of different Materials for Model Making				9hrs
4.	Making Models for structural Elements of the Building				9hrs
5.	Model making for Backgrounds of Living: Walls, Floors and Ceiling				6hrs
6.	Models for different Types of Doors and Windows and Window Treatments				6hrs
7.	Models for Built-in Furniture				6hrs
8.	Models for Seating and Resting Furniture				6hrs
9.	Model for Residential and Commercial Areas				8hrs
<b>REFERENCES</b>					
1.	Chowdary. (1990). Engineering Materials used in India (7 <sup>th</sup> ed.). New Delhi: Oxford and IBH.				
2.	Francis D. Ching, F. (2008). Building Construction Illustrated. USA: Wiley.				
3.	Leinbac (1986). Visualization Techniques. New Jersey: McMillan.				
4.	Pratt, J. (2023) Model making. THE CROWOOD PRESS LTD.				
5.	Rangwala. (2004). Building Construction. (22 <sup>nd</sup> ed.). Anand, Gujarat: Charota Pub. House.				
6.	Robert, G.V. (1983). Rendering with Pen and Ink. London: Hudson Themes.				
7.	Sushil. (2003). Text Book of Building Construction (19 <sup>th</sup> ed.). Delhi: Standard Publication.				
8.	Susan, B. (2000). The Art of hand-built ceramics. Cross wood Press.				
9.	Tapert, A., Swid, P. (1990). Objects by Architects. New York: Rizzoli.				
10.	Werner, M. (2011) Model making. New York: Princeton Architectural Press.				


		<b>The Maharaja Sayajirao University of Baroda</b> Faculty of Family and Community Sciences Department of Family and Community Resource Management Fatehgunj, Ph.No.:0265-2795522 Email Id: head-fcrm@msubaroda.ac.in		ACADEMIC YEAR 2024-2025	
<b>B.Sc. F.C.Sc. (Higher Payment Programme- Interior Design) – Second Year – Level 5.0</b>					
YEAR	II	<b>IKS2153C</b> <b>Indian Art and Craft</b> <b>(INDIAN KNOWLEDGE SYSTEM-II)</b>		CREDIT	2 (2+0)
Semester	I			HOURS	30
OBJECTIVES:		1. To understand the significance of Art and Craft in Indian history and culture. 2. To recognize the different art forms and craft styles of India 3. To know the significance of Indian art and craft in contemporary society			
<b>COURSE CONTENT / SYLLABUS</b>					
UNIT-I	<b>Introduction to Indian Art and Craft</b>				10hrs
	a. Overview of Indian art and craft b. The role of art and craft in Indian society c. Historical development of Indian art and craft d. Influential factors in Indian art and craft				
UNIT-II	<b>Understanding various Traditional Indian Art forms and Crafts</b>				10hrs
	a. Indian Paintings and Sculpture b. Indian Ceramics and Pottery c. Indian Textiles				
UNIT-III	<b>Contemporary Indian Art and Crafts</b>				10hrs
	a. Current trends in Indian art and craft b. The significance of Contemporary art and crafts in Indian society				
<b>REFERENCES</b>					
1.	Cristopher, T. (1990). The History of Architecture in India: From The Dawn of Civilization to The End of the Raj. New Delhi, Om Book Service.				
2.	Jain, R., & Pandya, Y. (2015). Crafts in Interior Architecture: India, 1990 Onwards. SID Research Cell, School of Interior Design, CEPT University				
3.	Jaitly, J. (2012). Crafts atlas of India. Niyogi Books.				
4.	Pandya, Y. (2016). Elements of space making. Grantha Corporation.				
5.	Pile J. F., (2005). A History of Interior Design (2 <sup>nd</sup> Edition).London, Laurence King Publishing.				
6.	Seetharaman, P., & Pannu P. (2010). Interior Design and Decoration. New Delhi, CBS Publishers and Distributors Pvt. Ltd.				
7.	Sethi, S., & Taschen, A. (2003). Indian Interiors: Intérieurs de L'Inde. Taschen.				
8.	Wilkins, D. G., Schultz, B., & Linduff, K. M. (2009). Art past, art present. Prentice Hall.				

# **SEMESTER-II**

		<b>The Maharaja Sayajirao University of Baroda</b> Faculty of Family and Community Sciences Department of Family and Community Resource Management Fatehgunj, Ph.No.:0265-2795522 Email Id: head-fcrm@msubaroda.ac.in		ACADEMIC YEAR 2024-2025	
<b>B.Sc. F.C.Sc. (Regular Programme- Interior Design) – Second Year – Level 5.0</b>					
YEAR	II	<b>IDM2004C</b>		CREDIT	4 (1+3)
Semester	II	<b>Commercial Space Designing (MAJOR)</b>		HOURS	60
OBJECTIVES:		1. To get an overview of Commercial Space Designing. 2. To understand the Design Development process of Commercial Spaces. 3. To learn about design considerations for various Commercial Spaces. 4. To develop skills in Commercial Space Designing.			
<b>COURSE CONTENT / SYLLABUS</b>					
<b>UNIT-I</b>	<b>Introduction to Commercial Space Designing</b>				10 hrs.
	a. Meaning and importance of Commercial Space Designing b. Types of Commercial Spaces based on activities/functional aspects.				
<b>UNIT-II</b>	<b>Aspects of Design Development of Commercial Spaces</b>				5 hrs.
	a. Concept Development b. Understanding Business background and Client profile c. Spatial and functional requirements d. Human factors (as per human activities in space) e. Selection of surface treatments, furniture, lighting, equipment/appliance, furnishings, and accessories. f. Budgetary and economic considerations. Design development process and presentation for commercial space design.				
<b>UNIT-III</b>	<b>Design considerations for various commercial spaces (Human Factors, Spatial Aspects, Functional Requirements and Aesthetic Considerations)</b>				5 hrs.
	a. Offices b. Hotels and Guest house c. Restaurant and Café d. Retail Outlets and Shops e. Showroom f. Salon g. Boutique h. Supermarkets i. Other commercial spaces: Gallery, Recreational and Entertainment spaces, etc.				
<b>PRACTICAL</b>					
1.	Identify various commercial spaces and observe design considerations for each according to human, spatial and functional needs.				4 hrs.
2.	Conduct and present a case-study of a selected commercial design project.				4 hrs.
3.	Conduct market survey of furniture, lighting, equipment/appliance, furnishings, and accessories for commercial interior spaces.				2 hrs.
4.	Designing of a selected office.				6 hrs.
5.	Designing of a selected café/restaurant.				6 hrs.
6.	Designing of a selected retail outlet/ shop/ showroom/ salon/ boutique/ supermarket.				8 hrs.
7.	Preparing a model of a selected commercial space.				10 hrs.

**REFERENCES**

10.	Anderson, S., & Mesher, L. (2020). Retail design. Bloomsbury Visual Arts.
11.	Bhatt, P.D., Goenka S., (1990). Foundation of Art Design. Bombay: Lakhani Book Depot.
12.	Bakker, M. L. (2024). Space planning for commercial office interiors. Fairchild Books.
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<b>B.Sc. F.C.Sc. (Regular Programme- Interior Design) – Second Year – Level 5.0</b>					
YEAR	II	<b>IDM2014C Building Materials (MAJOR)</b>		CREDIT	4 (4+0)
Semester	II			HOURS	60
OBJECTIVES:		1. To get an insight into building construction system and their components 2. To know the purpose and applications of materials and finishes used for building exterior. 3. To know the purpose and applications of materials and finishes used for the construction, treatments and finishes of building interiors. 4. To learn about the current material trends in Interior Designing. 5. To develop understanding about Eco-friendly and Sustainable building Materials.			
<b>UNIT-I</b>		<b>Introduction to Building Construction</b>			8 hrs.
		a. Components of Building Structural system i. Foundation ii. Super structure b. Types of Building Structure systems Materials used in Building construction			
<b>UNIT-II</b>		<b>Constructional Features of a Building: Exterior</b>			18 hrs.
		a. Foundation: Types, Function, Trenches, Setting the Foundation b. Plinth: Function, Types c. Walls: Function, Types d. Doors: Placement, Size, Panel, Fixtures e. Windows: Size, Placement, Panel, Fixture f. Lintels and Arches: Types, Function g. Floor Slab and Roof: Function, Types			
<b>UNIT-III</b>		<b>Constructional Features of a Building: Interior</b>			18 hrs.
		a. Floor: Materials, Treatments and Finishes for Flooring b. Ceiling: Function, types c. Internal Partition wall: Types, Materials d. Stairways and Ramps: i. Materials of Components: Tread and Riser, Landing and Railing ii. Types of Staircases e. Material and design Considerations for Ramps			
<b>UNIT-IV</b>		<b>Current Trends in Building Materials</b>			8 hrs.
		a. New innovative materials in Interior Design. b. New trends in using Interior Design materials and their applications.			
<b>UNIT-V</b>		<b>Eco-friendly and Sustainable materials</b>			8 hrs.
		a. Need and significance Types of Eco-friendly and Sustainable materials for Interior design			
<b>REFERENCES</b>					
19.	Arora S.P. and Bindra S.P. (1990) Building Construction, (4 <sup>th</sup> Edition) New Delhi, Dhanpat Rai and Sons				
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		<b>The Maharaja Sayajirao University of Baroda</b> Faculty of Family and Community Sciences Department of Family and Community Resource Management Fatehgunj, Ph.No.:0265-2795522 Email Id: head-fcrm@msubaroda.ac.in		ACADEMIC YEAR 2024-2025	
<b>B.Sc. F.C.Sc. (Regular Programme- Interior Design) – Second Year – Level 5</b>					
YEAR	II	<b>IDM2024C</b> <b>Engineering Services in Interiors</b> <b>(MAJOR)</b>		CREDIT	4 (3+1)
Semester	II			HOURS	60
OBJECTIVES:		<ol style="list-style-type: none"> <li>1. To learn about the types, purpose and functioning of Engineering Services related to Building Interiors.</li> <li>2. To understand Plumbing system and its components in Building Interiors</li> <li>3. To understand layouts and execution of electrical and telecommunication systems in Building interiors.</li> <li>4. To understand the concept of Heating, Ventilation and Air-conditioning.</li> <li>5. To understand the need and application of Acoustics in Interior spaces.</li> <li>6. To develop knowledge about Smart Interiors.</li> <li>7. To gain insight into Lifts and Escalators, Fire protection system and Gas pipeline system as essential Engineering services</li> </ol>			
<b>UNIT-I</b>	<b>Introduction to Engineering Services in Interiors</b>				2 hrs.
	a. Purpose of Engineering Services Types of Engineering Services				
<b>UNIT-II</b>	<b>Plumbing system in buildings</b>				7 hrs.
	a. Water supply mechanism in buildings: b. Components of distribution system c. Fittings and fixtures for interior spaces (kitchen, bathrooms, toilets, utility, etc.) d. Drainage mechanism in buildings: e. Components of drainage network system Fittings and fixtures for interior spaces (kitchen, bathrooms, toilets, utility, etc.)				
<b>UNIT-III</b>	<b>Electrical and Telecommunication systems in interiors</b>				7 hrs.
	a. Electrical system: i. Electrical fixtures ii. Distribution system and connections iii. Installation in interior spaces b. Telecommunication systems: i. Gadgets, Devices, fixtures ii. Network system and connections Application in interiors				
<b>UNIT-IV</b>	<b>Heating, Ventilating and Air-conditioning (HVAC).</b>				7 hrs.
	a. Need for Heating, Ventilation and Air-conditioning. b. Principles for Heating, Ventilation and Air-conditioning. Types of Air-conditioning systems				
<b>UNIT-V</b>	<b>Acoustics: Need and Application.</b>				7 hrs.
	a. Definition b. Significance of Acoustics in Interior spaces c. Properties of sound - sound waves, wavelength, frequency, velocity, resonance, sound levels, loudness, noise, sound reflection, echoes, reverberation, Sound absorption				

	d. Properties of acoustic materials Guidelines for good acoustical design.	
<b>UNIT-VI</b>	<b>Smart Interiors: Home automation and security systems.</b>	7 hrs.
	a. Application and Advantages b. Understanding working of automation and security systems c. System hardware and Connections d. Assembly and setup	
<b>UNIT-VII</b>	<b>Other Essential Building Services:</b>	8 hrs.
	a. Lifts and Escalators i. Lifts: Types and Parts, Carrying capacity, Placement and arrangement ii. Escalators: Types and Parts, Carrying capacity, Inclination, Placement and arrangement b. Fire Protection Systems i. Definition, Meaning and Significance ii. Materials and Equipment for Fire Safety  Methods of Fire Protection	
<b>PRACTICAL</b>		
1.	Market Survey a. Collecting information about various types of building services Compiling the data for presentation	12 hrs.
2.	Visit an actual building site Observation and analysis of various building services installed.	6 hrs.
3.	Learning to read and understand the technical layouts of building Services.	4 hrs,
4.	Referring and Creating drawings of an Interior space with electrical services.	8 hrs.
<b>REFERENCES</b>		
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		<b>The Maharaja Sayajirao University of Baroda</b> Faculty of Family and Community Sciences Department of Family and Community Resource Management Fatehgunj, Ph.No.:0265-2795522 Email Id: head-fcrm@msubaroda.ac.in		ACADEMIC YEAR 2024-2025	
<b>B.Sc. F.C.Sc. (Regular Programme- Interior Design) – Second Year – Level 5</b>					
YEAR	II	<b>FCE2004C</b>		CREDIT	4 (4+0)
Semester	II	<b>Basics of Travel and Tourism (MINOR)</b>		HOURS	60
OBJECTIVES:		1. To understand importance of Travel & Tourism Industry. 2. To have an overview on Types of Tourism & its Infrastructure. 3. To develop an understanding of Tourism Resources in India and functioning of various tourism organism.			
<b>UNIT-I</b>	<b>Basics of Travel and Tourism</b>				2 hrs.
	a. Meaning and Significance of Travel & Tourism b. Types of tourists c. The Tourism industry and System d. Purpose of Tourism and Travel Motivators e. Five 'A's of tourism Developments in the History of Tourism in India – Post Independence - Modern Tourism				
<b>UNIT-II</b>	<b>Types of Tourism</b>				7 hrs.
	a. Holiday and Visiting Friends & Relatives tourism b. Cultural and religious tourism c. Adventure and Sports tourism d. Business and Health, Rural tourism e. Accessible tourism f. Agriculture tourism Alternative Forms of Tourism				
<b>UNIT-III</b>	<b>Tourism Infrastructure</b>				7 hrs.
	a. Accommodation b. Food & Beverage c. Attractions d. Telecommunications Essential Services and Other Services				
<b>UNIT-IV</b>	<b>Tourism Resources in India</b>				7 hrs.
	a. Architectural Heritage b. Natural Tourism Resource-Monuments c. National Parks and Wild Life Sanctuaries d. Biosphere Reserve mountains Beaches, Islands and Back waters				
<b>UNIT-V</b>	<b>Tourism Organizations</b>				7 hrs.
	a. Tourism organization b. International Organization c. Government Organizations in India d. Private Sector Organization in India Non-Government Organization and Other organization				
<b>REFERENCES</b>					
1.	Dharmarajan, S. and Seth, R. (1994). Tourism in India-Trends and Issues. (First edition).				

	New Delhi. Haranand Publications Pvt. Ltd.
2.	Gupta, S. (2006). World Tourism in New Millennium. (First edition). Jaipur. ABD Publishers.
3.	Kamra, K.K and Chand M. (2006). Basics of Tourism-Theory, Operation and Practice (First edition). New Delhi, Kanishka Publishers.
4.	Maken, D. (2006). Strategies and Planning in Tourism and Industry. (First edition). Delhi, Adhyayan Publishers and Distributors.
5.	Puri, M. and Chand, G. (2006) Tourism Management (First Edition). New Delhi, Pragun Publications.
6.	Roday, S., Biwal, A. and Joshi, V. (2009) TOURISM Operations and Management (First Edition). New Delhi, Oxford University Press Publication.
7.	Sharma, R.B. (2012). World Tourism in 21st Century (First edition). New Delhi, Alfa Publications.


		<b>The Maharaja Sayajirao University of Baroda Faculty of Family and Community Sciences Department of English Vadodara, Gujarat.</b> <b>Contact Details : head-eng@msubaroda.ac.in</b>		ACADEMIC YEAR 2024-2025
		<b>Bachelor of Science including BSC (FT), BSC (FCSC), BSC(FN) (HPP), BSC (ID) (HPP) and all other Regular and HPP Programmes</b> <b>Bachelor Programme: As per NEP 2020</b>		
<b>YEAR</b>	<b>II</b>	<b>AEC2184C</b>	CREDIT	2 (2+0)
<b>Semester</b>	<b>II</b>	<b>English for Digital and Virtual Communication (ABILITY ENHANCEMENT COURSE)</b>	HOURS	30
<b>COURSE OUTLINE:</b> <p>This course is structured as a two-credit offering for one semester, comprising thirty hours of teaching, and learning activities. It is designed to equip students with the essential skills needed for effective communication in today's digital and virtual environments. The curriculum focuses on mastering various digital platforms, enhancing virtual collaboration, and developing professional communication strategies for diverse online interactions. Students will engage with practical tools and techniques to improve their digital literacy and adaptability in the rapidly evolving digital landscape.</p>				
<b>OBJECTIVES:</b>	<ul style="list-style-type: none"> <li>• Master Digital Communication Tools: Learn to effectively use various digital platforms for communication, including social media, email, and content management systems.</li> <li>• Develop Virtual Collaboration Skills: Acquire skills necessary for effective virtual teamwork, including remote collaboration tools and techniques.</li> <li>• Enhance Writing for Digital Media: Understand and apply the principles of writing specifically for digital and virtual audiences, focusing on clarity, engagement, and appropriateness.</li> <li>• Understand Online Communication Etiquette: Learn the norms and etiquette of digital communication to maintain professionalism in virtual interactions.</li> </ul>			
<b>COURSE CONTENT / SYLLABUS</b>				
<b>UNIT -I</b>	<b>Foundations of Digital Communication</b>			10 hrs.
	a. Introduction to Digital Communication Platforms (Email, Social Media, Blogs) b. Principles of Effective Online Writing and Content Creation c. Understanding Audience Engagement and Analytics d. SEO Basics and Content Optimization e. Multimedia Content Development			
<b>UNIT -II</b>	<b>Virtual Collaboration and Teamwork</b>			10 hrs.
	a. Tools and Technologies for Virtual Collaboration (Google Meet, Microsoft Teams, Zoom etc.) b. Best Practices for Virtual Meetings and Remote Team Management c. Project Management Tools for Virtual Teams d. Cross-Cultural Communication in Virtual Settings			


	<p><b>Professionalism and Etiquette in Digital Communication</b></p> <ul style="list-style-type: none"> <li>a. Email Etiquette and Writing Skills</li> <li>b. Social Media Do's and Don'ts for Professionals</li> <li>c. Legal and Ethical Considerations in Digital Communication</li> <li>d. Handling Online Conflict and Crisis Management</li> <li>e. Building a Professional Online Presence</li> </ul>	10 hrs.
	<ul style="list-style-type: none"> <li>• Lectures and Readings: Traditional lecturing combined with assigned readings to provide foundational knowledge and context.</li> <li>• Lecture Method Combined with Discussion: Utilize traditional lectures supplemented by interactive class discussions to enhance understanding and engagement.</li> <li>• Use of Audio-visual Aids and Internet Resources: Integrating multimedia tools such as videos, podcasts, and online databases to enrich the learning experience and provide diverse perspectives on literary topics.</li> <li>• Supervising Projects, Presentations, and Items for Self-Study: Oversee individual and group projects that culminate in presentations, encouraging deep exploration of literature and promoting independent learning.</li> <li>• Socratic Seminars: Facilitating dialogues where students engage in critical discussions about literary texts, fostering deeper understanding through inquiry.</li> <li>• Group Discussions: Organizing students into small groups to discuss themes, characters, and literary devices, promoting collaborative learning.</li> <li>• Dramatic Readings and Performances: Utilizing in-class readings or performances to bring literature to life and explore its dramatic potential.</li> <li>• Multimedia Presentations: Use of film, audio, and digital media to complement traditional texts and offer varied perspectives on literary works.</li> <li>• Creative Writing Workshops: Encouraging creative expression by having students write their own pieces inspired by the themes and styles studied in class.</li> <li>• Online Discussion Forums: Utilization of online platforms for</li> </ul>	

	ongoing discussions outside of class, enabling students to respond to prompts and share additional resources.	
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**REFERENCES**


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2.	Heath, Chip, and Dan Heath. <i>Made to Stick: Why Some Ideas Survive and Others Die</i> . Random House, 2007.
3.	Random House, 2007.
4.	Handley, Ann, and C.C. Chapman. <i>Content Rules: How to Create Killer Blogs, Podcasts, Videos, Ebooks, Webinars (and More) That Engage Customers and Ignite Your Business</i> . Wiley, 2012.
5.	Krug, Steve. <i>Don't Make Me Think, Revisited: A Common-Sense Approach to Web Usability</i> . New Riders, 2014.
6.	Kawasaki, Guy, and Peg Fitzpatrick. <i>The Art of Social Media: Power Tips for Power Users</i> . Portfolio/Penguin, 2014.

		<b>The Maharaja Sayajirao University of Baroda</b> Faculty of Family and Community Sciences Department of Family and Community Resource Management Fatehgunj, Ph.No.:0265-2795522 Email Id: head-fcrm@msubaroda.ac.in		ACADEMIC YEAR 2024-2025	
<b>B.Sc. F.C.Sc. (Regular Programme- Interior Design) – Second Year – Level 5</b>					
YEAR	II	<b>SEC2224C</b>		CREDIT	2 (1+1)
Semester	II	<b>Basics of Ergonomics (SKILL ENHANCEMENT COURSE)</b>		HOURS	30
OBJECTIVES:		<b>Course Outcome (CO)</b> CO1 To learn the basic concepts related to Ergonomics. CO2 To understand the Human System and its Subsystems. CO3 To be aware about the physical hazards and safety measures			
<b>UNIT-I</b>	<b>Introduction to Ergonomics</b>				3 hrs.
	a. Meaning and Definition and History of Ergonomics b. Need and Significance of Ergonomics c. Principles and Domains of Ergonomics				
<b>UNIT-II</b>	<b>Human factors and Anthropometry</b>				6 hrs.
	a. Anthropometry: Meaning and principles b. Posture and Anatomy of the spine c. Muscular system and Musculoskeletal Discomfort (MSD) d. Problems due to poor ergonomics				
<b>UNIT-III</b>	<b>Environmental factors influencing human performance</b>				6 hrs.
	Physical Hazards and its control measures: Lighting and Illumination, Noise Level and Temperature and Humidity)				
<b>PRACTICAL</b>					
1.	To calculate Body Mass Index by recording Body Height and Body Weight.				6 hrs.
2.	To measure the basic Anthropometric Heights (Sitting and Standing)				6 hrs.
3.	To assess the muscular stress with the help of a) Body map b) Flexi curve c) Grip dynamometer				6 hrs.
4.	To measure the Lighting levels in different areas: Residential and Commercial				6 hrs.
5.	To measure the Noise levels in different areas: Residential and Commercial				6 hrs.
<b>REFERENCES</b>					
1.	Bridger, R. (2003). Introduction to Ergonomics. 2nd edition. Routledge: Taylor & Francis. London.				
2.	Bush, P.M. (2012). Ergonomics: Foundational Principles, Applications and Technologies. CRC Press. Taylor & Francis Group. London				
3.	Chauhan, M.K. (2015). Ergonomics Practical Manual for Beginners. Authors press, New Delhi				
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	<b>B.Sc. F.C.Sc. (Regular Programme- Interior Design) – Second Year – Level 5</b>			
YEAR	II	<b>VAC2214C  Consumer in the Market  (VALUE ADDED COURSE-II)</b>	CREDIT	2 (2+0)
Semester	II		HOURS	30
OBJECTIVES:		1. To learn the basic concepts related to Ergonomics. 2. To understand the Human System and its Subsystems. 3. To be aware about the physical hazards and safety measures		
<b>UNIT-I</b>	<b>Markets and Business Cycles</b>			12 hrs.
	a. Definition of market b. Classification of Markets, Conditions of a Perfect Market, Market Forms c. Functions of market, Marketing Channels d. Meaning and characteristics of business cycles Phases of business cycle			
<b>UNIT-II</b>	<b>Consumer Choices and Buying Problems</b>			12 hrs.
	a. Definition of consumer b. Factors influencing consumer choices and decisions c. Purchase decision: How to buy, How much to pay, How to pay, When to buy, What to buy, From Where to buy d. Buying Problems: Adulteration, Faulty weights and measures, Misbranding, Misleading advertisements, Deceptive packaging and labelling			
<b>UNIT-III</b>	<b>Consumer Protection and Redressal</b>			6 hrs.
	a. Consumer rights and responsibilities b. Redressal mechanism c. Consumer protection laws d. Voluntary organizations/Agencies/Consumer Co-operatives e. Certification marks on consumer products			
<b>REFERENCES</b>				
1.	Agarwal, V.K. (2022). Consumer Protection Act, 2019 (Principles and Practices). New Delhi: Bharat Law House Pvt Ltd			
2.	Amirisetty, R. M. and Sravanthi, M.S. (2021). Consumer Protection Law (Consumer Protection Act, 2019). Telangana: Asia Law House			
3.	Bindal, R. and Bindal, S. (2020). The Consumer Protection Act, (2019). Chennai: Notion Press			
4.	Bishan Singh. (2002). Consumer education on Consumer Rights and Responsibilities Code of Conduct for Ethical Business Importance of Product Labelling. Malaysia: Direct Selling Associates of Malaysia (DSAM)			
5.	Gambhir, C. (2002). Consumer protection: Law and practice. Indian Journal of Marketing, 32(11): 29-30			
6.	Gambhir, C. (2007). Consumer Protection Administration: Organization and working Delhi: Deep and Deep Publications			
7.	Gandotra, V. and Divatia, A. (2005). Consumer Education. New Delhi: Dominant Publishers and Distributors			
8.	Kaptan, S. (2003). Consumer Movement in India (Issues and Problems). Sanjay Kaptan			

	Consumer Movement in India (Issues and Problems) Sarup and Sons
9.	<a href="#">Maheswaran</a> , D. and <a href="#">Puliyel</a> , T. (2017). Understanding Indian Consumers. Noida: Oxford University Press
10.	Mehta D.S. (2002). Handbook for Consumers Rights, Problems and Remedies. Mumbai: Allied publishers Private limited
11.	Misra, S., Sreekumaran, G.N. and Chadah, S. (2015). Consumer Handbook. New Delhi: Department of Consumer Affairs, Government of India
12.	Muralidharan, Y. G. (2010). Consumer Protection. Banguluru: Navakarnataka Publications Pvt Ltd.
13.	Raman, B.S. (1997). Marketing and Salesmanship. Mangalore: United Publishers.
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17.	Sundaram, S. (1985). Consumer Protection in India. New Delhi: B.R. Publishing Corporation

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<b>B.Sc. F.C.Sc. (Regular Programme- Interior Design) – Second Year – Level 5</b>					
YEAR	II	<b>Summer Internship/Apprenticeship</b>		CREDIT	4 (0+4)
Semester	II			HOURS	8
OBJECTIVES: To get On Site Experiential Learning from recognized Institutions/Agency.					
1.	Internship/ Apprenticeship of 30 days (8 hours per week) under any <b>One</b> of the following: <ol style="list-style-type: none"> <li>a. Colour Consultancy Firms</li> <li>b. Firm of Architects, Interior Designer</li> <li>c. Furniture Shop, Kitchen Designer, Set Designer</li> <li>d. Student Internship Programmes offered by universities</li> <li>e. Event Management Firms</li> </ol>				100 hrs.
2.	To prepare the report and make presentation for final evaluation (Certificate to be provided by the Institution/Agency)				20 hrs.

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<b>B.Sc. F.C.Sc. (Regular Programme- Interior Design) – Second Year – Level 5</b>					
YEAR	II	<b>FCE2034C Sustainable Interiors (MINOR-HPP)</b>		CREDIT	4(4+0)
Semester	II			HOURS	60
OBJECTIVES:		1. To acquire knowledge regarding concept of sustainable interiors. 2. To gain insight into Green Building Technologies and Practices. 3. To learn about the concept of Sustainable materials in Interior Designing. 4. To get an insight into Green Features in Interior Design.			
<b>UNIT-I</b>	<b>The concept of sustainable interiors</b>				15 hrs.
	a. Introduction b. Meaning and Importance c. Purpose of Sustainable Interiors				
<b>UNIT-II</b>	<b>Green building technologies</b>				15 hrs.
	a. Meaning, concept and Significance of Green building b. Importance and benefits of green buildings c. Materials and finishes used in green buildings				
<b>UNIT-III</b>	<b>Sustainable Materials</b>				15 hrs.
	a. Interior Materials i. Roof, walls, floors ii. Electrical, windows, and doors, heating, iii. Ventilation and air conditioning (HVAC) iv. Interior finishes, v. Furnishings				
<b>UNIT-IV</b>	<b>Green features in Interior Design</b>				15 hrs.
a. Water Conservation b. Waste Management c. Energy Efficiency d. Indoor Environment					
<b>REFERENCES</b>					
1.	Amit Khanna De et al (1998). Sustainable Development and Environment: Vol. 1. New Delhi, Cosmo Publishers.				
2.	Bougdah, H., & Sharples, S. (2009). Environment, technology and sustainability. Taylor & Francis.				
3.	Chauhan, I.S. and Chauhan, A (1998). Environmental Degradation: Socio-economic Consequences, Jaipur. Rawat Publishers.				
4.	Diwan Paras and Diwan Parag (1998): Environmental Management, Law and Administration: Reading and Cases: New Delhi Venity Books International.				
5.	Goel, P.K. and Sharma, K.P. (1996): Environmental Guidelines and Standards in India, Jaipur Techno- Science.				
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**NEP COURSE OUTLINES OF FCRM DEPARTMENT**

**THIRD YEAR**

**REGULAR PROGRAMME**

**ACADEMIC YEAR**


**2025-2026**

**FAMILY AND COMMUNITY RESOURCE MANAGEMENT**


**➤ INTERIOR DESIGN**

**FCRM DEPARTMENT- THIRD YEAR REGULAR PROGRAMME-INTERIOR DESIGN**

<b>SEMESTER</b>	<b>COURSE CODES</b>	<b>COURSE NAME</b>	<b>CREDIT</b>	<b>COURSE TYPE</b>
<b>I</b>	IDM3005C	Lighting in Interiors	4 (4+0)	MAJOR
	IDM3015C	Furniture Design	4 (2+2)	MAJOR
	IDM3025C	Household Equipment	4 (2+2)	MAJOR
	FCE3005C	Consumer Education	4 (4+0)	MINOR
	FCE3015C	Kitchen Gardening	4 (4+0)	MINOR
	SEC3785C	Orientation to Research	2 (1+1)	SEC
			<b>TOTAL</b>	<b>22</b>
<b>SEMESTER</b>	<b>COURSE CODES</b>	<b>COURSE NAME</b>	<b>CREDIT</b>	<b>COURSE TYPE</b>
<b>II</b>	IDM3006C	Kitchen Designing	4 (2+2)	MAJOR
	IDM3016C	Landscape Design	4 (3+1)	MAJOR
	IDM3026C	Time and Energy Management	4 (2+2)	MAJOR
	FCE3006C	Landscaping and Gardening	4 (4+0)	MINOR
	AEC3546C	Professional Management in Interior Design	2 (2+0)	AEC
	SEC3576C	Training in Interior Design	4 (0+4)	INTERNSHIP
			<b>TOTAL</b>	<b>22</b>

		<b>The Maharaja Sayajirao University of Baroda</b> Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda Fatehgunj, 0265 279 5522, head-fcrm@msubaroda.ac.in		ACADEMIC YEAR 2025-2026	
<b>B.Sc. F.C.Sc. (Regular Programme- Interior Design) – Third Year – Level 5.5</b>					
YEAR	III	<b>IDM3005C</b> <b>Lighting in Interiors</b> <b>(MAJOR)</b>		CREDIT	4 (4+0)
Semester	I			HOURS	60
<b>OBJECTIVES:</b>					
1. To understand the significance of lighting. 2. To gain insight into the factors to be considered while planning lighting. 3. To learn to evaluate the illumination available at task in relation to different activities and plan appropriate lighting. 4. To increase the ability to make wise selection with reference to lighting in residential and commercial units. 5. To learn to evaluate the Illumination required at Task in relation to different activities and plan Appropriate Lighting.					
<b>COURSE CONTENT / SYLLABUS</b>					
<b>UNIT-I</b>	<b>Introduction to Lighting in Interior</b>				20 hrs.
	a. Definition and History of Light and Lighting Cultural and social aspects of lighting b. Physiology of vision c. Lighting sources: natural lighting and artificial lighting (traditional to modern) d. Methods of lighting – direct & indirect, up lighting, down lighting, combination of up & down lighting, concealed lighting, etc. e. Light measurements and units of measurement of lighting f. Purpose of lighting – ambient, task and accent lighting; Forms of lighting sources – point, g. linear, 3D sources. h. Illumination i. Luminous flux luminous intensity				
<b>UNIT-II</b>	<b>Quantity &amp; Quality of Illumination</b>				10 hrs.
	<b>a. Quality of Illumination</b> i. Factors affecting the quantity of illumination in a room: room proportion, colour, texture and cleanliness of room surface, lamp lumen, lamp lumen depreciation ii. Competition of room index, coefficient of utilization, maintenance factor of Luminance iii. Planning lighting installation for a given interior space. <b>b. Quality of Illumination</b> i. Colour rendition ii. Spatial distribution of light: direct, indirect, diffused. iii. Glare: illuminance contrast, illuminance uniformity				
<b>UNIT-III</b>	<b>Electricity supply &amp; Distribution</b>				10 hrs.
Different wires and types of wiring systems – open batten, conduits and casing, their advantages and disadvantages.					
<b>UNIT-IV</b>	<b>Type of Lighting &amp; lighting fixtures</b>				10 hrs.
	a. Local & general lighting b. Applied lighting c. Architectural lighting d. Recessed lighting e. Luminous walls & ceilings				
<b>UNIT-V</b>	<b>Terminologies of electricity, Electrical fittings &amp; Load Calculations</b>				


	<p>a. Terminologies used in electrical supply – ampere, circuit, conductor, volt, watt, single phase, three phase, etc.</p> <p>b. Electrical outlets 5/6 Amp, 15/16 Amp, switchboards, switches, sockets, etc.; Precautions &amp; thumb rules for the provision of switchboards, etc.</p> <p>c. Electrical appliances and their power consumption; Preparation of electrical layouts.</p> <p>d. Lighting symbols for residential and commercial spaces.</p>	10 hrs.
<b>REFERENCES</b>		
1.	Chaudhari, S.N., (2006). Interior Design. Jaipur: Aavishkar Publishers	
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<b>B.Sc. F.C.Sc. (Regular Programme- Interior Design) – Third Year – Level 5.5</b>					
YEAR	III	<b>IDM3015C Furniture Design (MAJOR)</b>		CREDIT	4 (2+2)
Semester	I			HOURS	90
<b>OBJECTIVES:</b>					
1. To acquire knowledge about the History and Different Styles of Furniture and understand the Importance of the Furniture in Interiors. 2. To learn about Selection, Care and Arrangement of Furniture. 3. To Understand and develop the art and skill of designing furniture for various purposes in interiors. 4. To acquire knowledge about the various materials used in furniture.					
<b>COURSE CONTENT / SYLLABUS</b>					
<b>UNIT-I</b>	<b>Introduction to furniture</b>				10 hrs.
	a. History of furniture b. Meaning and Importance of furniture in interiors c. Family needs and Preference d. Factors influencing furniture decisions – family needs, preferences, availability, principles of design and financial limit. e. Principles of furniture ornaments/Ornamentation. f. Arrangement of furniture using principles of design, general guiding concepts in arranging furniture, planning furniture for selected activities				
<b>UNIT-II</b>	<b>Styles of Furniture</b>				05 hrs.
	a. Traditional b. Contemporary c. Modern d. Antique				
<b>UNIT-III</b>	<b>Introduction to Storage Design</b>				05 hrs.
	a. Purpose of storage b. Functional and decorative storage c. Guides of storage d. Principles of storage e. Factors affecting the storage design				
<b>UNIT-IV</b>	<b>Construction of furniture</b>				05 hrs.
	a. Materials used in furniture construction-wood, cane, metals, plastics, fabrics, glass, b. Modern Furniture materials trends – MDF, fiber glass, ply woods, veneers c. Steps involved in construction – shaping, carving, turning, fluting, reading d. Joining of furniture - types of joints e. Upholstered furniture, upholstering – types, methods, and materials.				
<b>UNIT-V</b>	<b>Care and maintenance of furniture</b>				05 hrs.
	a. Care of different types of furniture – wood, metals, plastic, and cane. b. Furniture polishes –types, natural and synthetic varnishes c. Other types of furniture finishes				
<b>PRACTICAL</b>					
1.	To identify the storage needs for various interior spaces.				15 hrs.

2.	Prepare a detail sectional drawing of furniture proposed in residential spaces	15 hrs.
3.	Prepare a detail sectional drawing of furniture proposed in commercial spaces	15 hrs.
4.	To conduct a market survey and find out the latest trends in materials used in furniture construction.	10 hrs.
5.	To conduct a market survey and find out the latest trends in finishes applied on furniture.	05 hrs.


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<b>B.Sc. F.C.Sc. (Regular Programme- Interior Design) – Third Year – Level 5.5</b>					
YEAR	III	<b>IDM3025C</b> <b>Household Equipment</b> <b>(MAJOR)</b>		CREDIT	4 (2+2)
Semester	I			HOURS	90
OBJECTIVES:		1. To learn to make wise selection of electric and non-electric household equipment. 2. To learn about base materials, finishes and insulating material in the construction of household Equipment's. 3. To get acquainted with the construction and principles underlying the use, care, maintenance, and storage of small and large Equipment's. 4. To analyze various electric and non-electric Equipment's with respect to energy efficiency, design, cost and maintenance.			
<b>COURSE CONTENT / SYLLABUS</b>					
<b>UNIT-I</b>	<b>Basics of Household Equipment</b>				05 hrs.
	a. Selection criteria for buying household equipment. b. Material and finishes used for construction of Household equipment (Base Material, Finishes & Insulating Materials) c. Methods of forming & assembling utensils				
<b>UNIT-II</b>	<b>Household Equipment (Non-Electric)</b>				05 hrs.
	a. Types of utensil and tools for surface cooking b. Types of ovens c. Types of solar appliances for cooking				
<b>UNIT-III</b>	<b>Classification of electric appliances</b>				10 hrs.
	a. Heating appliance (Thermostat & Heating Element) b. Motor driven appliance (Shaded pole Motor, The Universal Motor & The split phase motor) c. Combination of heating and motor driven appliances <b>Small Appliances:</b> a. Electric skillets, Frypans, and griddles b. Oven and Barbecues with grills, broilers, and rotisseries. c. Roti maker d. Toasters e. Waffle bakers f. Cookers g. Coffee Percolators h. Kettles i. Mixers & Blender (Hand Table model) j. Food Processor k. Corn poppers l. Ice cream maker m. Water purifier				
<b>Working Principles of Major Electrical Appliance</b>					

<b>UNIT-IV</b>	a. Refrigerator & Deep Freezer b. Washing Machine c. Cooking Range & Microwave Oven d. Vacuum cleaners	05 hrs.
<b>UNIT-V</b>	<b>Construction, Use and Care of Appliances for comfort in living</b>	
	Blanket, heating pad & Massager Fan, Air cooler and Air Conditioner	05hrs.
<b>PRACTICAL</b>		
1.	List various types of base materials its characteristics, advantages, and disadvantages	04 hrs.
2.	Classify the electric equipment into heating appliances, motor driven appliances and Combination of motor driven appliances.	04 hrs.
3.	List various types of insulating material.	03 hrs.
4.	Write the working principle of thermostats & heating elements.	03 hrs.
5.	List various types of finishes used in different types of equipment.	04 hrs.
6.	Identify methods of forming and assembling the various parts of Equipment's.	03 hrs.
7.	Comparison of the performance of rolling boards made of different materials.	03 hrs.
8.	Learn working principle, use, and care, problems rectification of Roti maker.	04 hrs.
9.	Learn working principle, energy consumption, use, care, problems rectification of types of mixture & blenders (electric and Nonelectric)	04 hrs.
10.	Learn working principle, energy consumption, use, care, problems rectification of different types of surface cooking equipment, oven, microwave, OTG and electric tandoor.	03 hrs.
11.	Learn working principle, energy consumption, use, care, problems rectification of Food processor.	03 hrs.
12.	Learn working principle, energy consumption, use, care, problems rectification of Coffee percolator.	03 hrs.
13.	Learn working principle, energy consumption, use, care, problems rectification of Electric cooker.	03 hrs.
14.	Learn working principle, energy consumption, use, care, problems rectification of Water purifier.	03 hrs.
15.	Learn working principle, use, care, features, problems, and their solutions of utility appliances such as a. washing machine b. Vacuum cleaner c. Water heater d. Refrigerator	05 hrs.
16.	Learn working principle, energy consumption, use, care, features, problems, and their rectifications of problems regarding comfort appliances. a. Air cooler & Air Conditioner / Room heater b. Blankets / Heating pads c. Massager / Manicure set	04 hrs.
17.	Conduct a market survey to know current and new household equipment with specific reference to "BEE star labeling" environment friendly rating.	04 hrs.
<b>REFERENCES</b>		


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	<b>B.Sc. F.C.Sc. (Regular Programme- Interior Design) – Third Year – Level 5.5</b>				
YEAR	III	<b>FCE3005C</b> <b>Consumer Education</b> <b>(MINOR)</b>	CREDIT	4 (4+0)	
Semester	I		HOURS	60	
OBJECTIVES:	1. To get acquainted regarding basic concepts related consumer and consumer education. 2. To Understand the characteristics of consumer wants. 3. To learn consumer buying practices. 4. To develop good buy manship skills and to become aware of rights and responsibilities of consumer. 5. To get familiarized about consumer problems and related avenues of consumer protection.				
<b>COURSE CONTENT / SYLLABUS</b>					
<b>UNIT-I</b>	<b>Basics of Consumer Education</b>			05 hrs.	
	a. Basic concepts (Consumer, Consumption, Producer, Production, Economy, Goods and Services) b. Need for and importance of consumer education. c. Consumerism and Consumer movement				
<b>UNIT-II</b>	<b>Consumer Wants – Characteristics and Classification</b>			05 hrs.	
	a. Nature and Origin of Wants, Characteristics of Wants b. Necessities, Comforts and Luxuries c. Custom made wants, Fashion made wants, Producer made wants, Conspicuous consumption and Emulation				
<b>UNIT-III</b>	<b>Consumer Buying Practices</b>			10 hrs.	
	a. Consumer buying habits b. Buying principles to develop art of good buymanship c. Buying motives: Primary, Selective, rational, Emotional and Brand patronage				
<b>UNIT-IV</b>	<b>Consumer Buying Problems</b>			15 hrs.	
	a. Adulteration: Meaning, types, effects and methods of detection b. Faulty weights and measures c. Misbranding and labelling d. Deceptive Packaging e. Misleading Advertisements				
<b>UNIT-V</b>	<b>Consumer Protection and Redressal</b>			20 hrs.	
	a. Consumer rights and responsibilities b. Redressal mechanism c. Consumer protection laws d. Voluntary organizations/Agencies/Consumer Co-operatives e. Certification marks on consumer products				
<b>REFERENCES</b>					
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	<b>B.Sc. F.C.Sc. (Regular Programme- Interior Design) – Third Year – Level 5.5</b>				
YEAR	III	<b>FCE3015C</b> <b>Kitchen Gardening</b> <b>(MINOR)</b>	CREDIT	4 (4+0)	
Semester	I		HOURS	60	
<b>OBJECTIVES:</b> <ol style="list-style-type: none"> <li>1. To learn about the concept and advantages of Kitchen Gardening.</li> <li>2. To become familiar with the horticultural requirements of different vegetables and fruits.</li> <li>3. To learn to develop the kitchen garden in various residential spaces.</li> </ol>					
<b>COURSE CONTENT / SYLLABUS</b>					
<b>UNIT-I</b>	<b>Kitchen Garden</b>			12 hrs.	
	a. Meaning and Concept of Kitchen Garden b. Importance of Kitchen Garden				
<b>UNIT-II</b>	<b>Development of Kitchen Gardens</b>			10 hrs.	
	a. Consideration while developing kitchen garden b. Horticultural Aspects				
<b>UNIT-III</b>	<b>Environmental Aspects of Kitchen Garden</b>			08 hrs.	
<b>UNIT-IV</b>	<b>Different types of Kitchen Garden</b>			10 hrs.	
	a. Vegetable Garden b. Fruit Garden c. Herb Garden d. Medicinal Garden				
<b>UNIT-V</b>	<b>Vegetable Calendar of India</b>			10 hrs.	
	a. Seasonal Calendar b. Annuals				
<b>UNIT-VI</b>	<b>Kitchen Gardening in Various Spaces</b>			10 hrs	
	a. Land b. Balcony c. Terrace d. Container				
<b>REFERENCES</b>					
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<b>B.Sc. F.C.Sc. (Regular Programme- Interior Design) – Third Year – Level 5.5</b>					
YEAR	III	<b>SEC3785C</b> <b>Orientation to Research</b> <b>(SEC)</b>		CREDIT	2 (1+1)
Semester	I			HOURS	45
OBJECTIVES:		1. To understand the importance of research in Social Sciences. 2. To know various types of research. 3. To familiarize with research process. 4. To learn about sampling techniques and data collection methods. 5. To evaluate literature review from a variety of sources pertinent to the research objectives. 6. To develop skill of writing a research report writing. 7. To understand the use of bibliographic resources in researching a topic. 8. To learn how to cite sources using the APA style			
<b>COURSE CONTENT / SYLLABUS</b>					
<b>UNIT-I</b>	<b>Meaning and Significance of Research and Research Process</b>				06 hrs.
	a. Meaning and Significance of research, Objectives of research, Motivation in research, Characteristics of research, Criteria of a good research b. Types of research c. Steps of research process: defining a research problem, review of literature, formulation of hypothesis, developing a research design, data collection, data analysis and interpretation and research reporting d. Sampling Design: Probability and non-probability e. Data collection tools: Primary and Secondary				
<b>UNIT-II</b>	<b>The Review of Literature</b>				03 hrs.
	a. Meaning, need and objectives of review of literature b. Functions of literature review c. Sources of literature review d. How to conduct review of literature e. Reporting the review of literature				
<b>UNIT-IV</b>	<b>Report writing</b>				06 hrs.
	a. Structure and components of research report, types of report, layout of research report, method of writing a research report, citing references using APA style b. ICT Tools for Research: Role of computers in research, maintenance of data using software such as Zotero, Mendeley, Endnote etc., Tabulation and graphical presentation of research data and software tools c. Web search: Introduction to Internet, use of Internet and WWW, using search engines and advanced search tools d. Plagiarism- Concept and significance of plagiarism				
<b>PRACTICAL</b>					
1.	To select an area of interest for research and formulate a topic.				05 hrs.
2.	To draw flow diagram of research process.				05 hrs.
3.	To collect review of literature on selected topic from books, journals, unpublished sources, and other search engines				05 hrs.

4.	To identify sampling technique for the relevant topic and method of data collection.	03 hrs.
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5.	To synthesize the material and prepare a report.	02 hrs.
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6.	To write bibliography and webliography as per APA style.	05 hrs.
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7.	To prepare presentation and present the report by way of seminar.	05 hrs.
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# **SEMESTER-II**

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<b>B.Sc. F.C.Sc. (Regular Programme- Interior Design) – Third Year – Level 5.5</b>					
YEAR	III	<b>IDM3006C</b> <b>Kitchen Designing</b> <b>(MAJOR)</b>		CREDIT	4 (2+2)
Semester	II			HOURS	90
OBJECTIVES:		1. To understand the factors influencing kitchen design of a Residence. 2. To gain knowledge of different materials used for various surface in a kitchen. 3. To acquire knowledge about the principles of kitchen planning, dimensions of work center and storage.			
<b>COURSE CONTENT / SYLLABUS</b>					
<b>UNIT-I</b>	<b>Kitchen planning</b>				08 hrs.
	a. Functions performed in a kitchen b. Functions performed in a kitchen c. Types of kitchens d. Principles of planning kitchen e. Orientation and location f. Ventilation g. Storage needs h. Work triangle i. Colour j. Light and safety				
<b>UNIT-II</b>	<b>Kitchen Geometry</b>				08 hrs.
	a. Work heights and space dimension of different work areas and storage areas b. Ideal dimension of each center and consideration/application of anthropometric measurements in planning c. Work Triangle				
<b>UNIT-III</b>	<b>Materials and finishes used in kitchen</b>				05 hrs.
	a. Flooring materials b. Sink materials c. Countertop materials d. Base cabinet materials e. Finishes cabinets materials f. Cabinets				
<b>UNIT-IV</b>	<b>Essential services needed in a kitchen</b>				05 hrs.
	a. Water supply – hot and cold b. Taping c. Water purifiers. d. Electricity services – electric current, exhaust fans, electrical equipment and their locations e. Drainage services – Waste water drainage system, Solid waste disposal.				
<b>UNIT-V</b>	<b>Kitchen storage and Modular Kitchens</b>				04 hrs.
	a. Principles of Kitchen Storage b. Storage Areas in Kitchen and its Dimensions c. Hand operated Tools and their Location d. Care and maintenance of storage				
<b>PRACTICAL</b>					


1.	Learn the dimensions of major kitchen items, tools, appliances and equipment	10 hrs.
2.	Learn to draw the Sectional Elevations of each center.	10 hrs.
3.	Four wall elevation of types of kitchen layouts with specific focus on main work centers, work triangle, planning of storage, placement of door and windows etc. with due consideration of anthropometric measurement.	10 hrs.
4.	<ul style="list-style-type: none"> <li>a) One wall</li> <li>b) L-shape</li> <li>c) U- shape</li> <li>d) Galley/two wall/parallel</li> <li>e) G-shape</li> <li>f) Island kitchen</li> </ul> Peninsula kitchen	20 hrs.
5.	Market survey for material used in kitchen and Bathroom.	10 hrs.

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<b>B.Sc. F.C.Sc. (Regular Programme- Interior Design) – Third Year – Level 5.5</b>					
YEAR	III	<b>IDM3016C</b> <b>Landscape Design</b> <b>(MAJOR)</b>		CREDIT	4 (3+1)
Semester	II			HOURS	75
OBJECTIVES:		1. To gain the understanding of the Importance of Landscaping. 2. To acquire knowledge of Planting, Plant Types and their Care and Maintenance. 3. To learn about Garden types and Garden Styles 4. To develop skills for the Application of Design concepts in Landscape Design. 5. To acquire knowledge about Landscape Gardens of India.			
<b>COURSE CONTENT / SYLLABUS</b>					
<b>UNIT-I</b>	<b>Landscape Design</b>				10 hrs.
	a. History of Landscape Design b. Meaning and Importance of Landscape Design c. Elements of Landscape Design d. Principles of Landscape Design				
<b>UNIT-II</b>	<b>Basic features for Landscape Design</b>				06 hrs.
	a. Components of the landscape: Soft and Hard b. Planning Procedure of the landscape Design				
<b>UNIT-III</b>	<b>Garden Tools and Implements</b>				06 hrs.
	a. Digging Tools b. Pruning Tools				
<b>UNIT-IV</b>	<b>Garden and gardening</b>				06 hrs.
	a. Indoor and Outdoor Garden b. Garden Types c. Garden Styles d. Green house, conservatory, and lathe house				
<b>UNIT-V</b>	<b>Landscape design in Different Areas</b>				11hrs.
	a. Designing of Landscape in Residential, Commercial and Institutional Spaces b. Gardening of public spaces				
<b>UNIT-VI</b>	<b>Landscape Gardens of India</b>				06 hrs.
<b>PRACTICAL</b>					
1.	Learning graphic symbols and components used in landscape plans.				05 hrs.
2.	Field visits to Nurseries/ Exhibitions/ Gardens.				05 hrs.
3.	Different types and styles of garden design				10 hrs.
4.	Case study of Existing Designed Landscape Site				05 hrs.
5.	Designing of a landscape space/area/site				05 hrs.
<b>REFERENCES</b>					
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<b>B.Sc. F.C. Sc. (Regular Programme- Interior Design) – Third Year – Level 5.5</b>					
YEAR	III	<b>IDM3026C</b> <b>Time and Energy Management</b> <b>(MAJOR)</b>		CREDIT	4 (2+2)
Semester	II			HOURS	90
<b>OBJECTIVES:</b>					
<ol style="list-style-type: none"> <li>1. To understand the importance of managing time and energy as resources to get the most satisfaction out of its use.</li> <li>2. To acquire the ability to use motion study techniques to simplify work.</li> <li>3. To understand the components of work in home</li> <li>4. To learn to analyze work, worker and workplace in order to reduce human components of work.</li> <li>5. To understand design components of work, worker and workplace to increase efficiency in household work.</li> <li>6. To become aware about the changes in the human body at work.</li> <li>7. To gain knowledge about the factors influencing work and type of muscular work.</li> </ol>					
<b>COURSE CONTENT / SYLLABUS</b>					
<b>UNIT-I</b>	<b>Time and Energy Management</b>				5 hrs.
	<ol style="list-style-type: none"> <li>a. Meaning of Time management &amp; Energy management</li> <li>b. Tools or specific aids in time management</li> <li>c. Factors affecting time and energy management</li> <li>d. Fatigue, its causes and remedy</li> </ol>				
<b>UNIT-II</b>	<b>Methods of Improving Work Efficiency</b>				5 hrs.
	<ol style="list-style-type: none"> <li>a. The managerial process applied to time and energy management</li> <li>b. Principles of Body Mechanics</li> <li>c. Mundell's classes of change</li> </ol>				
<b>UNIT-III</b>	<b>The Worker: Components if workers input</b>				7 hrs.
	<ol style="list-style-type: none"> <li>a. The affective component: Interest, Aptitude, Motivation, Satisfaction with home making tasks, Liked and disliked tasks, Reason for task preferences</li> <li>b. Cognitive components: Knowledge, Thinking, Planning, Problem solving, making judgement, paying attention, Skill</li> <li>c. Temporal component: Control of time, Organizing techniques, Timing, Constraints of time use</li> <li>d. Physical components: Skeletal structure, Spinal column, Physical alignments, Major body weight</li> </ol>				
<b>UNIT-IV</b>	<b>The Work</b>				8 hrs.
	<ol style="list-style-type: none"> <li>a. Content of job: Task functions, Number of activities, Repetition of tasks, Types of action, Continuing of action, Sequence, methods of action</li> <li>b. The amount of work</li> <li>c. Factors influencing physiological reactions during work: Age, Sex, Body fluid, Posture, Nutrition, Physical fitness, Nervous system, Training and adoption, Intensity and duration of work, Attitude, Climate and</li> </ol>				

	clothing d. Type of muscular work: Static and Dynamic e. Principles of Physiology and Body mechanics in Static and Dynamic work	
<b>UNIT-V</b>	<b>Workplace</b>	5 hrs.
	a. The concept of functional design b. The center concept, work triangle, combining centers c. Storage planning, its principles and guides	
<b>PRACTICAL</b>		
1.	To record the use of time for seven days	5 hrs.
2.	To find out the average time spent in various activities and classify the daily use of time into work, non-work and rest	5 hrs.
3.	To prepare a time plan for one day activities and its implementation and evaluation	5 hrs.
4.	To find out the activities in which various types of fatigue is experienced	5 hrs.
5.	To apply work simplification techniques for a given task	2 hrs.
6.	To establish time norm for the task performed	2 hrs.
7.	To study the interrelatedness of work components i.e. work, worker and work place	5 hrs.
8.	To interview homemakers for their liked and disliked tasks and reasons for task preferences	5 hrs.
9.	To identify and enlist activities which require continuous and intermittent attention	1 hrs.
10.	To identify an activity and apply the factors affecting paying attention on it	5 hrs.
11.	To select any homemaking task and apply the different stages involved in the acquisition of skills in performing it	5 hrs.
12.	To prepare a time plan for a day and identify the constraints experienced along with the organizing technique adopted to overcome them	5 hrs.
13.	To record body weight and height of students	2 hrs.
14.	To learn maximum and minimum reach of an individual in horizontal and vertical plane	2 hrs.
15.	To apply storage principles and guides in planning counter heights for centers in the kitchen	6 hrs.
<b>REFERENCES</b>		
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<b>B.Sc. F.C. Sc (Regular Programme- Interior Design) – Third Year – Level 5.5</b>					
YEAR	III	<b>FCE3006C</b> <b>Landscaping &amp; Gardening</b> <b>(MINOR)</b>		CREDIT	4 (4+0)
Semester	II			HOURS	60
OBJECTIVES:	1. To gain the knowledge of Importance of Landscaping and Gardening. 2. To acquire knowledge of Planting, Plant Types and their Care and Maintenance. 3. To understand the Garden Features and Principles of Garden Design. 4. To learn about Garden types and Garden Styles 5. To acquire knowledge about Landscape Gardens of India.				
<b>COURSE CONTENT / SYLLABUS</b>					
<b>UNIT-I</b>	<b>Landscaping and Gardening</b>				5 hrs.
	a. Meaning of Landscaping and Gardening b. Importance of Landscaping and Gardening				
<b>UNIT-II</b>	<b>Art of Landscaping and Gardening</b>				5 hrs.
	a. Elements of Landscaping and Gardening b. Principles of Landscaping and Gardening c. Plant Materials and its Characteristics				
<b>UNIT-III</b>	<b>Garden components</b>				10 hrs.
	a. Soft components of the landscape b. Hard components of the landscape				
<b>UNIT-IV</b>	<b>Garden Operations and Tools</b>				10 hrs.
	a. 7 P's of the landscape b. Digging Tools c. Pruning Tools				
<b>UNIT-V</b>	<b>Classification of Gardens</b>				10 hrs.
	a. Indoor Garden b. Outdoor Garden c. Garden Types d. Garden Styles				
<b>UNIT-VI</b>	<b>Garden Designing of Various Spaces</b>				10 hrs.
	a. Residential Area b. Commercial Area c. Institutional Area d. Public Area				
<b>UNIT-VII</b>	<b>Famous Gardens of India</b>				10 hrs.
<b>REFERENCES</b>					
1.	Bhat, P. (1999). Landscape Architecture. In R. M. T.K. Bose, Floriculture and Landscaping (Pp. 608-629). Calcutta: Nayapokash Publishing Co. Kolkata.				
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<b>B.Sc. F.C. Sc (Regular Programme- Interior Design) – Third Year – Level 5.5</b>					
YEAR	III	<b>AEC3546C</b>		CREDIT	2 (2+0)
Semester	II	<b>Professional Management in Interior Design (AEC)</b>		HOURS	30
<b>OBJECTIVES:</b>					
<ol style="list-style-type: none"> <li>1. To gain insight into role of an Interior Designer as a Professional.</li> <li>2. To understand the professional practices in Interior Design and maintenance of an office.</li> <li>3. To get an overview of entrepreneurship and behavior of an entrepreneur.</li> <li>4. To learn about small-scale enterprises.</li> </ol>					
<b>COURSE CONTENT / SYLLABUS</b>					
<b>UNIT-I</b>	<b>Role of Interior Designer as a Professional</b>				10 hrs.
	<ol style="list-style-type: none"> <li>a. Interior Designer</li> <li>b. Characteristics of an Interior Designer</li> <li>c. Importance of an Interior Designer</li> <li>d. Interior Designers' role towards the execution of a project</li> <li>e. Wasteful and Risky Designs</li> <li>f. Fees of an Interior Designer</li> <li>g. Ethics and professional conduct of an Interior Designer</li> <li>h. Self-development of an Interior Designer</li> </ol>				
<b>UNIT-II</b>	<b>Professional Practices in Interior Design</b>				05 hrs.
	<ol style="list-style-type: none"> <li>a. Ways or Professional Practices in Interior Design</li> <li>b. Client related Practices</li> <li>c. Procedures of Project Execution and Legal considerations</li> <li>d. Office Maintenance and Administration               <ol style="list-style-type: none"> <li>i. The office</li> <li>ii. Staff and its recruitment</li> <li>iii. Purchase of items</li> <li>iv. Correspondence and Record keeping</li> <li>v. Account keeping</li> <li>vi. Business Forms</li> </ol> </li> </ol>				
<b>UNIT-III</b>	<b>Entrepreneur and Entrepreneurship</b>				10 hrs.
	<ol style="list-style-type: none"> <li>a. Definition, Concept and Characteristics of Entrepreneur and Entrepreneurship</li> <li>b. Classification of Entrepreneur</li> <li>c. Functions of Entrepreneur</li> <li>d. Role of Entrepreneur</li> <li>e. Innovation and Entrepreneur</li> <li>f. Entrepreneurial Behaviour and Psychological Theories (Maslow's Need Hierarchy Theory, McClelland's Need Achievement Theory)</li> <li>g. Social Responsibility</li> </ol>				
<b>UNIT-IV</b>	<b>Small Scale Enterprises and Government Policies</b>				05 hrs.
	<ol style="list-style-type: none"> <li>a. Meaning, Importance and Characteristics of a Small-Scale Enterprise</li> <li>b. Steps in setting up a Small-Scale Enterprise/ Startups</li> <li>c. Legal requirements for establishing a New Unit</li> <li>d. Government policies and important Acts</li> </ol>				
<b>REFERENCES</b>					
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<b>B.Sc. F.C. Sc (Regular Programme- Interior Design) – Third Year – Level 5.5</b>						
YEAR	III	<b>SEC3576C</b> <b>Training in Interior Design</b> <b>(INTERNSHIP)</b>		CREDIT	4 (0+4)	
Semester	II			HOURS	120	
OBJECTIVES:		1. To get oriented with functioning Interior Design Firms. 2. To develop professional competence in carrying out various roles and responsibilities in the Interior Design Firms.				
<b>COURSE CONTENT / SYLLABUS</b>						
<b>UNIT-I</b>		a. Inventory Interior Design Firms or Professionals and keep track of the projects they work on. Choosing one of them and being placed in it for a short time. b. Observe and record the projects/work going on in the firm. c. Conduct a case study for any project/ work. Keep track of the client's requirements and preferences, the company's adherence to them, the consulting process, and the client's satisfaction with the project or job after completion. d. Develop and document working drawings for a project/work at the Interior Design Firm/Office. e. Site Visit: Visit the sites where work is going on and record the details. f. Observe and learn communication skills, personal grooming, legal considerations, & client interactions.			120 hrs.	
<b>REFERENCES</b>						
1.		Dechiara J., Panero J., Zelnik M. (2001). Time-Saver Standards for Interior Design and Space Planning. New York, United States: McGraw-Hill, Inc.				
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