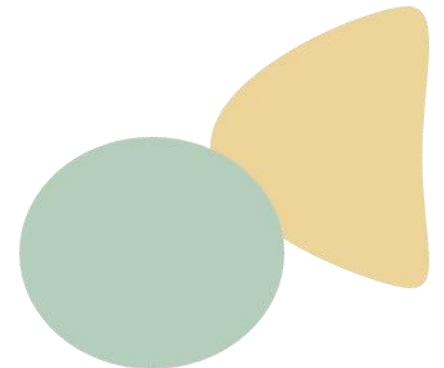


NEP 2020 COURSE OUTLINES

FACULTY OF FAMILY AND COMMUNITY SCIENCES

**FAMILY AND COMMUNITY RESOURCE MANAGEMENT –REGULAR
PROGRAMME**

**FIRST YEAR CURRICULUM
2023-2024**



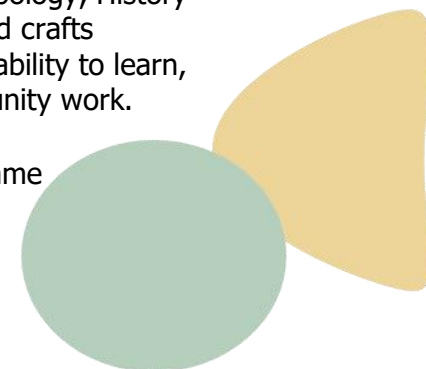
FIRST YEAR

ACADEMIC YEAR-2023-24

Program Specific Outcome (PSO): Level 5

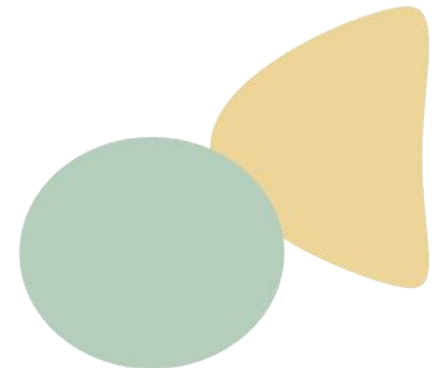
At the end of level 5 i.e. at the completion of first year (2 semesters) of the undergraduate program the following are the Program Specific outcome

1. **Disciplinary Knowledge:** The students would be able to demonstrate the acquisition of knowledge of facts, concepts, principles, theories, and processes in the broad multidisciplinary learning context of the domain of family and community sciences
 2. **Critical Thinking:** The students would be able to understand the linkages between the learning areas within and across the chosen fields of study
 3. **Decision making, Analytical and Communication Skills:** The students should be able to acquire the cognitive skills required to identify, analyze and synthesize information from a range of sources
 4. **Critical Thinking and Problem Solving, Moral and Professional Ethics:** The students would be able to apply the knowledge and essential skills required to perform effectively in a defined job (summer internship) or different settings/programs (practical's) relating to the chosen field of study
 5. **Multicultural competence:** Ability to learn about different Indian cultures by way of practicing traditions, Food Anthropology, History of Indian Costumes, Traditional Household Practices, developing itineraries, Indic studies and making traditional arts and crafts
 6. **Digital Literacy:** Competency in accessing relevant and authentic information and data from Electronic media with the ability to learn, synthesize, integrate to make presentations on the given topics in various disciplines for academic and extension/community work.
- **Bloom's Taxonomy (BT) Levels:** 1.Remember 2.Understand 3.Application 4.Analysis 5.Evaluation 6. Creation Programme
 - **Elements of** Employability (Emp)/ Entrepreneurship (Ent)/ Skill Development (SD)
 - **Relevance to** Local (L)/ National (N)/ Regional(R)/Global (G)
 - **Relation to** Gender (G), Environment and Sustainability (ES), Human Values (HV)and Professional Ethics (PE)

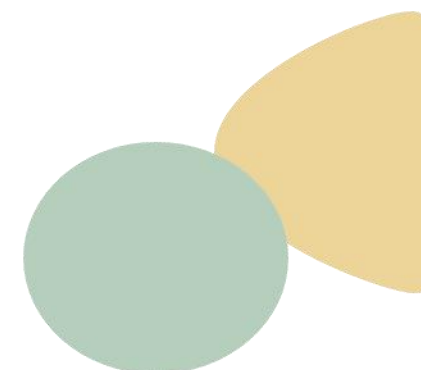


FAMILY AND COMMUNITY RESOURCE MANAGEMENT

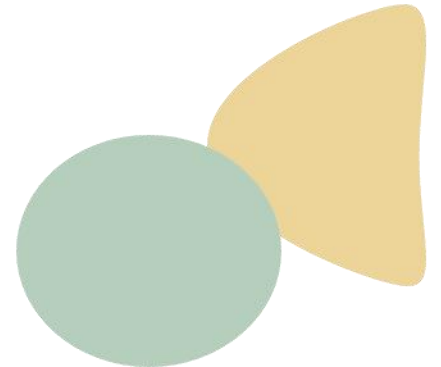
(REGULAR PROGRAMME)



NEP STRUCTURE FOR FCRM UNDERGRADUATE COURSE (MAJOR : REGULAR PROGRAMME)				
SEMESTER	COURSE CODES	COURSE NAME	CREDIT	COURSE TYPE
I	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
		TOTAL	22	



SEMESTER-I



 सत्यं शिवं सुन्दरम् Est. 1949 Accredited Grade 'A+' by NAAC	NAAC Accredited "A+" Grade Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda	Academic Year	2023-24
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B.Sc. F.C.Sc (Regular Programme) - First Year – Level 4.5

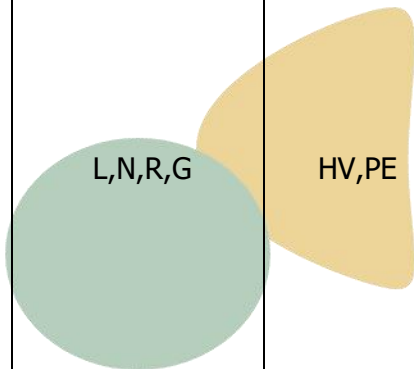
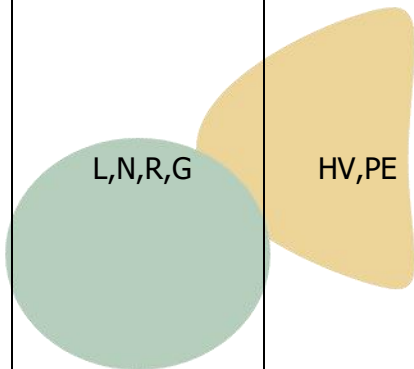
Year	I	FCM2001C Introduction to Family and Community Resource Management (MAJOR)	Credits / Hours per week	4 (4+0) 4 Hrs /week Theory: 60 Hrs
Semester	I	Year of Introduction:2023-24 Year of Syllabus Revision:2023-24	Maximum Marks	100
Mode of Transaction		Lectures and Tutorials	Minimum Marks	36

Course Outcome (CO)

CO1: To learn the meaning of resources, concepts related to management and its application.

CO2: To become familiar with the saving and investment pattern and credit.

CO 3: To understand the significance of environment as a resource and its conservation.

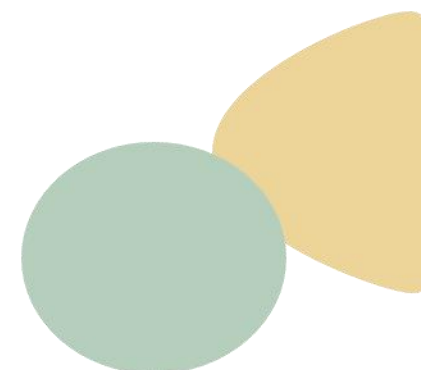
Unit No.	Units	Contact Hours	Weightage (%)	BT Level	CO	PSO	Elements Emp/Ent/SD	Relevance to L/N/R/G	Relation to G/ES/HV/PE
I	Introduction to Management 1. Conceptual Framework of Home Management: Interrelationships among concepts of Home Management 2. Basic concepts, meaning importance and process in Management <ul style="list-style-type: none"> • Values: Definition, meaning and importance , Classification of values, Sources of values; factors affecting the changes in individual and family values • Goals: Definition, meaning and importance; types of goals • Standards: Definition, meaning and importance classification of standards 	15	30	1.2	CO1	PSO1	EMP, SD	 L,N,R,G	 HV,PE

	<ul style="list-style-type: none"> Resources: Definition, Characteristics of resources, Classification Decision making: Definition, meaning and importance, Steps, Types- Individual and Group <p>3. Introduction to process of Management: Planning, organizing, controlling and evaluating.</p>								
II	<p>Management of Family resources</p> <ol style="list-style-type: none"> 1. Time: Time as a resource , Need of Time plan and Qualities of good time plan, 2. 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 3. Money: Money as a resource, Meaning , types and sources of money, real and psychic, Income, Need for money management, Importance and process of making budget 4. 	12	25	1,2,3,4	CO1				
III	<p>Saving, Investment and Credit</p> <ol style="list-style-type: none"> 1. Saving and Investment: Meaning, Objectives and methods of saving and investment, Characteristic of good saving plan 2. Credit: Meaning, Basis of credit, Sources, Types, Cost of credit, Wise use of credit 	07	15	1,2,3,4	CO2				
IV	<p>Community resources: Meaning, significance, type and management</p> <ol style="list-style-type: none"> 1. Family and community-interrelationship 2. Community resources-meaning 3. Types of community resources: Public and Private Institutions and Services 4. Responsibilities of families and individuals in protecting community resources 	07	15	1, 2, 3,4	CO1 CO3				

V	Environment as resource: Classification, present status & conservation 1. Classification 2. Hazards to Environmental resource- natural and manmade: Present status 3. Role of Individuals in protecting & conserving the environmental resources	07	15	1,2,4	CO1			
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References

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2.	Botkin and Keller (1982), Environmental Studies- The Earth as a Living Planet". London, Charles E. Merrill publishing Co
3.	Burch R.W. (Jr.) (1977), Reading in Ecology, Energy and Human Society, Harper and Row Publishers
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 The Maharaja Sayajirao University of Baroda सत्यं शिवं सुन्दरम् Estd. 1949 Accredited Grade "A+" by NAAC	NAAC Accredited "A+" Grade Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda	Academic Year	2023-24
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B.Sc. F.C.Sc (Regular Programme) - First Year – Level 4.5

Year	I	FCM2011C Basics of Interior Design and Hospitality Management (MAJOR)	Credits / Hours per week	4 (4+0) 4 Hrs /week Theory: 60 Hrs
Semester	I	Year of Introduction:2023-24 Year of Syllabus Revision:2023-24	Maximum Marks	100
Mode of Transaction	Lectures and Demonstrations		Minimum Marks	36

Course Outcome (CO)


- CO1 To develop an understanding of Basics of Interior Design.
 CO2 To understand the Elements and Principles of Design.
 CO3 To get an overview of Hospitality Industry.
 CO4 To understand the Functions of various departments of Hospitality Industry

Unit No.	Units	Contact Hours	Weightage (%)	BT Level	CO	PSO	Elements Emp/Ent/SD	Relevance to L/N/R/G	Relation to G/ES/HV/PE
I	Basics of Foundation of Art and Design in Interior Design 1. Objectives of Design: Beauty, Functionalism and Expressiveness 2. Types of Design: Structural and Decorative (Naturalistic and Stylized, Abstract and Geometric & Modern and Traditional Design) 3. Measurements and Conversions used in Interior Design	12	25	2,3,6	CO1	PSO 2	EMP ENT	L, N, R, G	PE
II	Basics of Elements and Principles of Design 1. Elements of Design: Line, Form, Color, Texture, Pattern, Light and Space 2. Principles of Design: Balance, Scale and Proportion, Rhythm, Emphasis, Harmony	12	25	2,3,6	CO2				
III	Basics of Hospitality Industry 1. Departments of Hospitality Industry Layout and Structure 2. Functions and Management of Food Service Department 3. Introduction to Front Office Department and	12	25	2,3	CO3				

	Personal Management 4. The Functions of Linen Room and Laundry							
IV	Basics of Travel and Tourism and Event Management in Hospitality Industry Travel and Tourism <ul style="list-style-type: none"> Meaning and Significance Types of Tourism 	12	25	2,3	CO4			
V	Event Management <ul style="list-style-type: none"> Definitions & Characteristics of Event Meaning, Significance and Concepts related to Event Management Types of Events 	12	25	2,3	CO4			

References

1.	Gandotra, V.; Shukul, M. and Jaiswal, N. (2010). <i>Introduction to Interior Design and Decoration</i> . Delhi: Dominant Publishers and Distributors
2.	Seetharaman P. and Pannu, P. (2005). <i>Interior Design & Decoration</i> . New Delhi: CBS Publishers & Distribution
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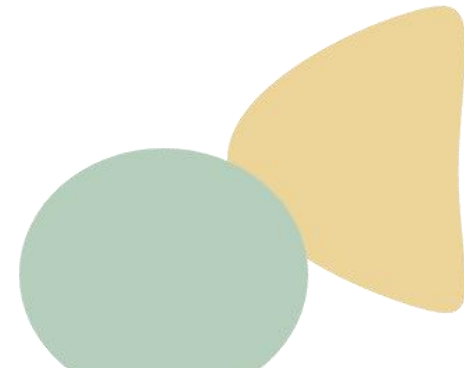
		NAAC Accredited "A+"Grade Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda			Academic Year			2023-24			
B.Sc. F.C.Sc. (REGULAR) - First Year – Level 4.5											
Year		I	FCE2001C Event Management (Minor Course)			Credits / Hours per week			4(4+0) Credits /4Hrs/ week Theory: 60 Hrs		
Semester		I	Year of Introduction: 2023-24 Year of Syllabus Revision: -2023-24			Maximum Marks			100		
Mode of Transaction			Lectures			Minimum Marks			36		
Course Outcome (CO) CO1: To get acquainted with the concepts in the area of event management. CO2: To understand the principles of event management. CO3: To learn management and co-ordination for event and analyze risk involved in an event. CO4: To become aware of the qualities of good event manager and lean team work challenges.											
Unit No.	Topic			Contact Hours	Weightage (%)	BT Level	CO	PSO	Elements Emp/Ent/SD	Relevance to L/N/RG	Relation to G/ES/HV/PE
I	Event Management <ul style="list-style-type: none">Meaning, significance concepts related to eventmanagement.Design, Budgeting, SWOT analysis, Five W's ofEvent Management (Why, Who!, When! Where!,What?)Categorization of events on the basis of celebration, participation of guest and nature of events			10	20	1,2	CO 1	PSO3	Emp.	G	PE


II	Principles of management with special reference to event management <ul style="list-style-type: none"> • Planning: Five Cs of successful event planning- conceptualization, costing, conversing, customization and carrying the event • Execution and controlling • Evaluation 	12	25	1,2,5	CO 2	PSO3	Emp.	G	PE
III	Coordination in event management <ul style="list-style-type: none"> • Managing contracts • Management at the venue • Premising for event management • Risk Management 	10	20	1,2,4 ,5	CO 3	PSO3	SD	G	PE
IV	Qualities of good event manager <ul style="list-style-type: none"> • Leadership Qualities: Ingredients of leadership, <ul style="list-style-type: none"> ▪ Leadership behavior and styles ▪ Integrity & Persistence ▪ Collaborative decision Making & Problem solving ▪ Communication skills & Vision • Team works challenges <ul style="list-style-type: none"> ▪ Dependability ▪ Self interest ▪ Trust & Collaborations 	16	35	1,2,3	CO 4	PSO3	SD	G	PE

References

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 सत्यं विदितं सुन्दरम् Estd. 1949 Accredited Grade "A+" by NAAC	NAAC Accredited "A+"Grade Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda	Academic Year	2023-24						
B.Sc. F.C.Sc. (REGULAR) - First Year – Level 4.5									
Year	I	MDC2371C Sustainable Development Goals (Multidisciplinary Course)	Credits/Hours per week	4(4+0)/4 Hrs/Week Theory: 60 Hrs					
Semester	I	Year of Introduction: 2023-24 Year of Syllabus Revision: 2023-24	Maximum Marks	100					
Mode of Transaction		Lectures, Case Studies, Videos	Minimum Marks	36					
Course Outcome (CO)									
CO1: To understand concept of SDGs & integrate the SDGs with Nutrition Science & Dietetics									
CO2: To develop an insight for achieving SDGs through core areas of Family and Community Resource Management discipline.									
CO3: To integrate SDGs in the curriculum of Extension and communication.									
CO4: To understand SDGs in context of Human Development & Family Studies									
CO5: To apply sustainable practices as per SDGs in Apparel Industries.									
Unit No.	Topic	Contact Hours	Weightage (%)	BT Level	CO	PSO	Elements Emp/Ent/SD	Relevance to L/N/RG	Relation to G/ES/HV/PE
I	• Introduction to SDG from the Family and Community Science Perspective ▪ Understanding SDG	12	20	1,2,3,4,5	CO1	1,2,3	Emp, SD	L, R, G	G, ES, HV, PE

	<ul style="list-style-type: none"> Goals and Targets SDG India Index Achieving sustainable living Contributions to a sustainable future Nutrition in the Context of SDGs <ul style="list-style-type: none"> Understanding diet quality related 11 Sustainable Development Goals Number of Indicators relevant to nutrition in SDGs Diet quality and delivery of the SDGs Healthy diets & progress on SDGs: Country Examples 								
II	<ul style="list-style-type: none"> Family and Community Resource Management and SDGs <ul style="list-style-type: none"> Understanding importance of SDGs with relevance to the field of Family and Community Resource Management Achieving SDGs with Family and Community 	12	20	1,2,3,4,5	CO2	1,2,3	Emp, SD	L, R, G	G, ES, HV, PE

	<p>Resource Management through:</p> <ul style="list-style-type: none"> ▪ Role of Consumer Education ▪ Skill development & Entrepreneurship ▪ Sustainable Interiors ▪ Sustainable Practices in Hospitality Industry ▪ Research, Extension & Environment Management 								
III	<p>• Integrating SDGs in Extension and Communication Curriculum</p> <ul style="list-style-type: none"> ▪ Objectives of Extension and Communication Curriculum ▪ Understanding importance of SDGs with reference to EC curriculum ▪ Extension and Communication as a field towards achieving SDGs through teaching, Research and Extension : SDG3:Good Health and Well-being , SDG 4; Quality of Education , SDG 5; Gender Equality , SDG6 : 	12	20	1,2,3,4,5	CO3	1,2,3	Emp, SD	L, R, G	G, ES, HV, PE

	Clean water and Sanitation , SDG 8: Decent work and Economic Growth , SDG11: Sustainable Cities and Communities, SDG 17: Partnership for Goals								
IV	<p>• Understanding Human Development in the Context of SDGs</p> <ul style="list-style-type: none"> ▪ Sustainability and Sustainable Development- Interaction of various factors social, political, economic, cultural, ecological at local and global level (Integrative approach) ▪ Role human beings have played and can play in ensuring balance in nature and sustainable future. ▪ Curriculum Framework for Sustainable Development Goals – Focus on holistic life course approach, centrality of education 	12	20	1,2,3,4,5	CO4	1,2,3	Emp, SD	L, R, G	G, ES, HV, PE

	<ul style="list-style-type: none"> SDG -4 Quality education - emphasizing: knowledge and understanding b) skills and applications c) values and attitudes 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) 								
V	<ul style="list-style-type: none"> Sustainable Practices of the Apparel Industries <ul style="list-style-type: none"> 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 	12	20	1,2,3,4,5	CO5	1,2,3	Emp, SD, Ent	L, R, G	G, ES, HV, PE

	<p>and their natural environments. (SDG 12)</p> <ul style="list-style-type: none"> ▪ 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) ▪ 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) ▪ Best practices for sustainability- to build resilient infrastructure, promote sustainable industrialization and foster innovation. (SDG 9) 								
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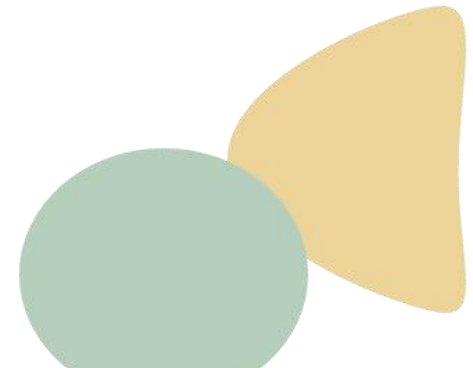
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20.	http://assets.kpmg.com
21.	http:// http://www.devalit.org
22.	http://www.frontierin.org




 <p>सत्यं शिवं सुन्दरम् Estd. 1949 Accredited Grade "A+" by NAAC</p>	NAAC Accredited "A+"Grade Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda				Academic Year			2023-24		
B.Sc. F.C.Sc. (REGULAR) - First Year – Level 4.5										
Year	I	AEC2201C Fundamentals of Communication Skills in English (Ability Enhancement Course)	Credits / Hours per week			2(2+0) 2 Hrs per week Theory: 30 Hrs				
Semester	I	Year of Introduction: 2023-24 Year of Syllabus Revision: 2023-24	Maximum Marks			50				
Mode of Transaction		Theory	Minimum Marks			18				
Course Outcome (CO) CO1: To analyze and evaluate different forms of communication, including verbal and nonverbal, and apply this knowledge to improve personal and professional communication skills. CO2: To develop effective communication skills by applying knowledge of the components and process of communication to analyze and overcome communication barriers in diverse contexts. CO3: 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.										
Unit No.	Topic		Contact Hours	Weightage (%)	BT Level	CO	PSO	Elements Emp/Ent/SD	Relevance to L/N/R/G	Relation to G/ES/HV/PE
I	Language and Communication a) English Language and Biological Perspective		10	33.33%	1,2, 3,4	1	2,3,4,	EMP,	10	33.33%

	b) Functions of Language c) Varieties of English d) Pre-requisites of Communication e) Communication: Definitions and Importance								
II	Fundamentals of Communication a) Components of Communication b) Process of Communication c) Barriers to Process of Communication d) Types of Communication e) Multiplicities in Communication	10	33.33%	1,2, 3,4	2	1,2,3,4,	EMP, SD	L, N, R, G	ES, PE
III	Introducing Study Skills a) Study Skills: Learn How to Learn b) Note-taking, Note-making and Summarizing Skills c) Library and Referencing Skills. d) Improving Public Speaking Skills	10	33.34%	1,2,3,4,5	3	1,2,4,5	EMP, ENT SD	L, N, R, G	ES, PE

References

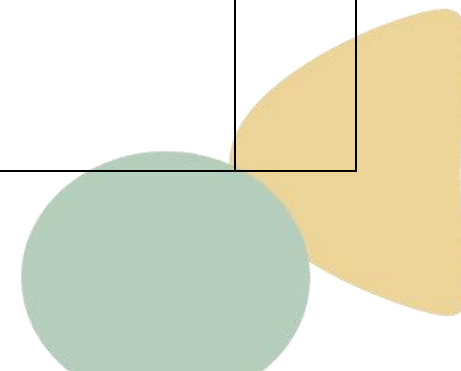
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3.	Hargie, O. The Handbook on Communication Skills. Routledge Publication, New York.
4.	Thomas, Lizy, et al. Fundamentals of language and Communication
5.	Raviya, Hitesh, et al. Developing Communication Skills in English. MacMillan Publishers India Private Limited, 2020, Chennai, India.
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 <p>सत्यं शिवं सुन्दरम् Estd. 1949 Accredited Grade "A" by NAAC</p>		NAAC Accredited "A+"Grade Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda			Academic Year		2023-24		
B.Sc. F.C.Sc (REGULAR) - First Year – Level 4.5									
Year	I	SEC2461C Computer Literacy-I (Skill Enhancement Course)			Credits / Hours per week		2(1+1) 3 hours/week Theory: 15 Hrs.		
Semester	I	Year of Introduction: 2023-24 Year of Syllabus Revision: 2023-24			Maximum Marks		50		
Mode of Transaction		Lectures, Tutorials & Presentations			Minimum Marks		18		
Course Outcome (CO) CO1: To Acquire the fundamental concepts of computer with the present level of knowledge of the students. CO2: To identify the basic components of computer and Operating System. CO3: To Understand Computer Networks, and browse the internet, content, and collaborate with peers.									
Unit No.	Topic	Contact Hours	Weightage (%)	BT Level	CO	PSO	Elements Emp/Ent /SD	Relevance to L/N/R/G	Relation to G/ES/ HV/PE
I	Introduction to Computer a) Computer and Latest IT gadgets i. Evolution of Computers & its applications ii. IT gadgets and their applications iii. Basics of	10 h	25%	1,2	1,2	1,2,4	EMP, SD	L, N, R, G	PE


	<p>Software and Hardware</p> <p>iv. Central Processing Unit and its function</p> <p>v. Computer Memory & storage</p> <p>vi. Application, Systems & Utility Software</p> <p>vii. Mobile Apps</p> <p>b) Operating System</p> <p>i. Basics of Operating system</p> <p>ii. Types & Functions of Operating System</p>								
II	<p>Network and Communication</p> <p>a) Introduction to basic Networking Terminology</p> <p>i. Network and its types</p> <p>ii. Network Topology</p> <p>iii. OSI Model</p> <p>iv. ISP and Role of ISP</p> <p>v. Network Protocols</p> <p>b) Introduction to Internet</p> <p>i. Concept of Internet & WWW</p> <p>ii. Website Address and URL</p> <p>iii. Modes of Connecting Internet</p>	15 h	25%	1,2,6	1,2,3	1,2,6	Emp, SD	L, N, R, G	PE


	<ul style="list-style-type: none"> iv. Introduction to IP Address v. Identifying and uses of IP/MAC vi. Popular Web Browsers <p>c) Using E-mails</p> <ul style="list-style-type: none"> 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 								
III	<p>Word Processor</p> <p>a) Word Processing Basics</p> <ul style="list-style-type: none"> i. Opening Word Processing Package ii. Title Bar, Menu Bar, Toolbars & Sidebar iii. Creating, opening & closing a new document 	20 h	50%	1,2,6	1,2,3	1,2,4	Emp, SD	L, N, R, G	PE

	<ul style="list-style-type: none"> iv. Page Setup & Printing of Documents v. PDF file and Saving a Document as PDF file vi. AutoCorrect, Spelling & Grammar vii. Find and Replace viii. Formatting the Text ix. Paragraph Indentation x. Header & Footer xi. Footnote & Endnote 								
	<ul style="list-style-type: none"> b) Table Manipulation <ul style="list-style-type: none"> i. Insert & Draw Table ii. Changing cell width and height iii. Alignment of Text in cell iv. Delete / Insertion of Row, Column and Merging & Splitting of Cells 								
	b) Function of Mail Merge								
	c) Function of Macro								





		NAAC Accredited "A+"Grade Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda			Academic Year			2023-24			
B.Sc. F.C.Sc. (REGULAR) - First Year – Level 4.5											
Year	I	SEC2461C Computer Literacy-I (Skill Enhancement Course)			Credits/ Hours per week			2(1+1) 3 hours/week Practical: 30 Hrs			
Semester	I	Year of Introduction: 2023-24 Year of Syllabus Revision: 2023-24			Maximum Marks			50			
Mode of Transaction		Presentations, Hands On Training, fieldwork, use of relevant statistical package			Minimum Marks			18			
No.	Course Content: Practical			Contact Hours	Weightage (%)	BT level	CO	PSO	Elements Emp/E nt/SD	Relevance to L/N/RG	Relation to G/ES/HV/PE
I	Creating, opening & closing a new document i. Page Setup & Printing of Documents ii. PDF file and Saving a Document as PDF file iii. AutoCorrect, Spelling & Grammar iv. Find and Replace v. Formatting the Text vi. Paragraph Indentation vii. Header & Footer Macro			30 h	100%	1,2,6	1,2,3	1,2,4	Emp,S D	L, N, R, G	PE

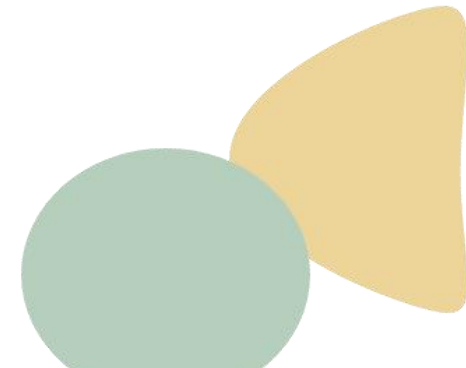
 <p>THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA सत्यं विदितं सुन्दरम् Estd. 1949 Accredited Grade "A+" by NAAC</p>	NAAC Accredited "A+ "Grade Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda		Academic Year		2023-24					
B.Sc. F.C.Sc. (REGULAR) - First Year – Level 4.5										
Year	I	IKS2321C Indian Knowledge System from Family & Community Perspective (IKS-I)	Credits / Hours per week				2(2+0) Credits / 2 hrs/week Theory: 30 Hours			
Semester	I	Year of Introduction: 2023-24 Year of Syllabus Revision: -2023-24	Maximum Marks				50			
Mode of Transaction		Lecture	Minimum Marks				18			
Course Outcome (CO) CO1: To get acquainted with Traditional Home Management Practices in India. CO2: To understand Indian Civilization and Historical concepts of Human development in Indian Ancient writings CO3: To gain an insight about Indian Traditional Forms of Communication CO4: To develop an insight on sustaining Indian Traditional knowledge through textile and craft education CO5: To understand the Indian food culture and food preferences and to enlighten the students about the Role of Traditional Foods in Health and Diseases										
Unit No.	Topic		Contact Hours	Weightage (%)	BT Level	CO	PSO	Elements Emp/Ent/SD	Relevance to L/N/RG	Relation to G/ES/HV/PE
I	Home Management Practices in India <ul style="list-style-type: none">Indian Hospitality Practices<ul style="list-style-type: none">i. Concept of "Atithi Devo Bhava" in Indiaii. Role of a "Gruhini" in managing home.iii. Traditional Meal ServicesTraditional Home Decoration<ul style="list-style-type: none">i. Floor Decoration		06	20	1,2,3	CO1	1,2,3	EMP,ENT,SD	N	G, HV

	ii. Wall Decoration iii. Traditional/ Culture Theme Decoration								
II	Indian civilization and Historical concepts of Human development in Indian Ancient writings 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 b) Concept of Human Development in India: 'Individual in the social world' (psychological, metaphysical, spiritual, yogic), <i>Purushartha</i> framework and human development, key terms c) (i) Childhood and child socialization, influence of gender; Ayurveda stages of childhood; importance of prenatal development, healthy children, <i>samskara</i> (ii) <i>Ashramadharma</i> (4 stages) and 16 <i>samskara</i> ; cultural variations and rites of passage (iii) Influence of cultural continuity and social change on Human Development, families	06	20	1,2,3	CO2	1,2,3	EMP, ENT	L,N,R	G, ES, HV
III	Indian Traditional Forms of Communication a) Importance and relevance of studying Traditional Form of Communication	06	20	1,2,3	CO3	1,2,3	EMP, ENT	L,N,R	HV

	b) Historical Evolution of Indian forms of Communication c) Cultural Diversity in Indian Traditional Forms of Communication d) Types of Indian Traditional Forms of Communication i. Folk Music, Dance, Drama ii. Culture and Rituals, Proverbs and Sayings iii. Fairs and Festival iv. Folk Art and Paintings								
IV	Sustaining Traditional Knowledge through Textile Craft Education a) Classification of the traditional textile crafts of India (Embroidered, Woven and Painted and Printed) b) Understanding the Textile Craft landscape of Gujarat State. c) Introduction to GO's and NGO's promoting traditional crafts.	06	20	1,2,3	CO4	1,2,3	EMP, ENT	L,N,R	HV
V	Introduction to Food Anthropology a) Understanding Food culture (anthropology) b) Introduction to Food Anthropology c) History of Indian Foods d) Food Preferences & Taboos in different cultures e) Role of Traditional Foods in Health and Diseases	06	20	1,2	CO5	1,2,3	EMP, ENT	L,N,R	G, ES, HV
References									
1.	Bhatt, P. and Goenka, S. (1990). <i>The Foundation of Art and Design</i> . Bombay: Lakhani book Depot.								

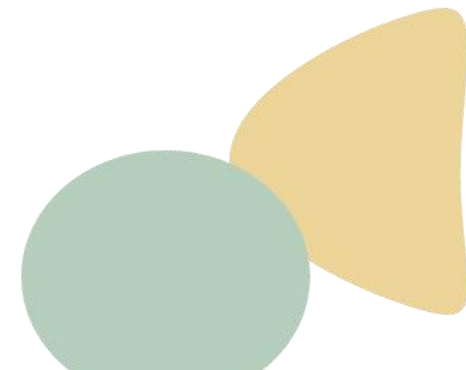


2.	Das, B., Mangai, A., (2017) <i>Communication and Culture in India: Insights form the Margins</i>
3.	Gandotra, V.; Shukul, M. and Jaiswal, N. (2010). <i>Introduction to Interior Design and Decoration</i> . Delhi: Dominant Publishers and Distributors
4.	Kakar, S. & Kakar, K. (2007). <i>The Indians: Portrait of a people</i> . New Delhi: Penguin books.
5.	Kansal ,A and Rayaprol ,A.,(2019) <i>Communication and Society India : Continuity and Change</i>
6.	Kaur, R. (2022). <i>Constructions of childhood in India: Exploring the personal and sociocultural contours</i> . New Delhi: Routledge.
7.	Khanna, A., (2016) <i>Traditional Media and Development in India</i>
8.	Malhotra, R. & Viswanathan, V. (2023). <i>Varna, jati, caste: A primer on Indian social structures</i> . New Delhi: Occam.
9.	Pandit, S. (2022). <i>An introduction to Psychology</i> . New Delhi: Sage.
10.	Sanyal, S. (2012). <i>Land of the seven rivers: A brief history of India's geography</i> . New Delhi: Pearson.
11.	Saraswathi, T. S., Menon, S., & Madan, A. (2023). <i>Childhoods in India: Traditions, trends and transformation</i> . New Delhi: Routledge.
12.	Seetharaman P. and Pannu, P. (2005). <i>Interior Design & Decoration</i> . New Delhi: CBS Publishers & Distribution
13.	Sharma, S., Agrawal B., (2015) <i>Communication in India Historical perspectives</i> .
14.	Shukul, Maneesha and GandotraVeena, (2006) <i>Home Management and Family Finance</i> , Dominant Publishers and Distribution, Delhi.
15.	Singh, R. K. (2009). <i>Atithi Devo bhavah guest management</i> . Chandni Chowk, Delhi: Global Media.
16.	https://www.indica.today/long-reads/sixteen-samskaras/
17.	https://www.indica.today/quick-reads/understanding-hinduism-vii-glossary-of-terms-in-hinduism/
18.	https://yoga.ayush.gov.in/Yoga-History/
19.	https://www.indica.today/long-reads/sixteen-samskaras/
20.	https://www.indica.today/quick-reads/understanding-hinduism-vii-glossary-of-terms-in-hinduism/

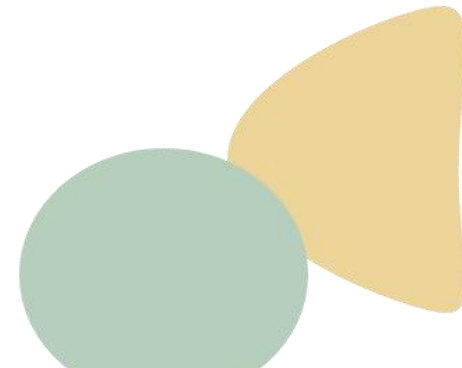


FAMILY AND COMMUNITY RESOURCE MANAGEMENT –REGULAR PROGRAMME

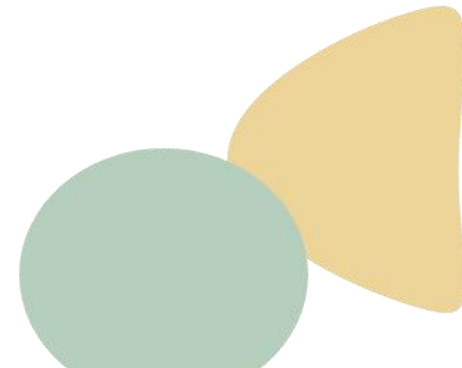
➤ Interior Design



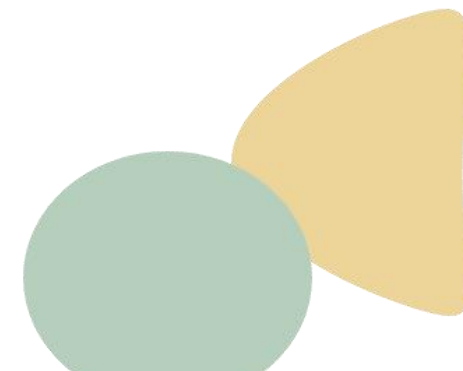
(INTERIOR DESIGN)




SEMESTER –II

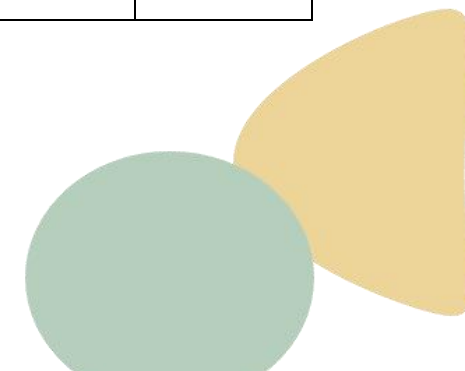



NEP STRUCTURE FOR FCRM UNDERGRADUATE COURSE (MAJOR : INTERIOR DESIGN-REGULAR PROGRAMME)				
SEMESTER		COURSE NAME	CREDIT	COURSE TYPE
II	IDM2002C	Foundation of Art and Design	4(2+2)	MAJOR
	IDM2012C	Computer-Aided Interior Design –I	4(0+4)	MAJOR
	FCE2002C	Interior Decoration and Furnishings	4(4+0)	MINOR
	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
		TOTAL	22	



 <div>NAAC Accredited "A+"Grade Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda</div>		Academic Year		2023-24					
B.Sc. F.C.Sc. (REGULAR) - First Year – Level 4.5									
Year	I	IDM2002C Foundation of Art and Design (Major Course)	Credits / Hours per week		04 (2+2)/4 Hrs per week Theory:30 Hrs				
Semester	II	Year of Introduction: 2023-24 Year of Syllabus Revision: 2023-24	Maximum Marks		100				
Mode of Transaction		Lectures and Practicals	Minimum Marks		36				
Course Outcome (CO) CO1: To get oriented to fundamentals of art and design. CO2: To learn applications of elements of art and design. CO3: To understand the concepts and application of colours. CO4: To study applications of principles of design.									
Unit No.	Topic	Cont act Hour s	Weighta e (%)	BT Level	CO	PSO	Element s Emp/Ent/ SD	Relevance to L/N/RG	Relation to G/ES/HV/PE
I	Introduction to Art and Design: <ul style="list-style-type: none">• Concept of Design• Objectives of design: Beauty, Functionalism and Expressiveness• Understanding concept, theme, style, and idea for a design• Types and Characteristics of Design: Modern and	10	20	1,2,3,4,5,6	CO 1	1, 2, 3, 4	EMP, SD	G	HV, PE

	Traditional, Structural and Decorative, Naturalistic and Stylized, Abstract and Geometric								
II	Elements of Design: Definition, Types and Application	10	20	1,2,3,4,5,6	C O 2				
III	Color as an Element of Design <ul style="list-style-type: none"> Basics on Color <ul style="list-style-type: none"> Concept of Color and its source Properties of Color, Hue, Value, Intensity Illusory effects of Color Color Theories <ul style="list-style-type: none"> Pigment Theory by Prang, Munsell and Ostwald Psychologist's Theory Chemist's Theory Physicist Theory 	10	20	1,2,3,4,5,6	C O 3				
IV	Application of Colour in a Space <ul style="list-style-type: none"> Law of Area and Colour Proportion Systems Color Schemes Creating Colour Palette Interrelatedness of color and other Elements of Design 	09	20	1,2,3,4,5,6	C O 3				
V	Principles of Design: Definition, Types and Application	09	20	1,2,3,4,5,6	C O 4				




 सत्यं शिवं सुन्दरम् Estd. 1949 Accredited Grade "A+" by NAAC		NAAC Accredited "A+" Grade Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda			Academic Year				2023-24			
B.Sc. F.C.Sc. (REGULAR) - First Year – Level 4.5												
Year		I	IDM2002C Foundation of Art and Design (Major)		Credits / Hours per week		4 (2+2) / 6 Hrs/week Practical: 60 Hrs					
Semester		II	Year of Introduction: 2023-24 Year of Syllabus Revision: 2023-24		Maximum Grade		100					
Mode of Transaction			Lectures and Practicals		Minimum Grade		36					
No.	Practical				Contact Hours	Weightage (%)	BT Level	CO	PSO	Elements Em p/E nt/ SD	Relev ance to L/N/R /G	Relat ion to G/ES/ HV/PE
I.	Understanding application of elements of design: a) Create a composition using types of lines. b) Creating design using shape and form. c) Creating types of patterns. d) Creating types of textures.				08	10%	1,2,3,4, 6	CO1, CO2	PSO1, PSO2, PSO3, PSO4, PSO5	SD	N,G	HV
II.	Creating different types of designs - Modern and Traditional, Structural and Decorative, Naturalistic and Stylized, Abstract and Geometric.				10	10%	1,2,3,6	CO1, CO2	PSO1, PSO2, PSO3,PSO4, PSO5	SD	N,G	HV
III.	Principles of design: Conduct critical analysis of space				04	10%	1,2,3,4, 5,6	CO4	PSO1, PSO2, PSO3, PSO4, PSO5	SD	N,G	HV, PE

IV.	Draw Prang color wheel.	06	10%	1,2,3,6	CO3	PSO1, PSO2		N,G	HV
V.	Prepare Value scale of Prang Colour System – tints, shades and tones.	06	10%	1,2,3,6	CO3	PSO1, PSO2	SD	N,G	HV
VI.	Illustration of effect of color upon each other.	02	05%	1,2,3,6	CO3	PSO1, PSO2	SD	N,G	HV
VII.	Creation of advancing and receding effect by use of various hues.	02	05%	1,2,3,6	CO3	PSO1, PSO2, PSO4, PSO5	SD	N,G	HV
VIII.	Colour extraction and creation of colour palette.	06	15%	1,2,3,4, 5,6	CO3	PSO1, PSO2, PSO4, PSO5	SD	N,G	HV
IX.	Applications of colour schemes	10	10%	1,2,3,4, 5,6	CO3	PSO1, PSO2, PSO4, PSO5	SD	N,G	HV, PE
X.	Preparing concept sheet, mood board, material and colour palette	06	15%	1,2,3,4, 5,6	CO!	PSO1, PSO2, PSO4, PSO5	EM P, SD	N,G	HV, PE

References

1.	Tangaz,T. (2018).The Interior Design Course(2, illustrated, revised). UK, Thames & Hudson.
2.	Kasu, A. (2012). Interior Design (Vth Edition). Mumbai, Ashish Book Centre.
3.	Gandotra, V., Shukul, M., Jaiswal, N. (2011). Interior Design and Decoration. New Delhi Dominant Publishers.
4.	Seetharaman, P., &Pannu P. (2010). Interior Design and Decoration. New Delhi, CBS Publishers, and Distributors Pvt. Ltd.
5.	Whiton, S., (2010). Elements of Interior Design and Decoration. U.K.: Muschamp Press.
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7.	Goldstein H. and Goldstein V. (1967) Art in Everyday Life, New Delhi. Oxford & IBH Publishing Co.

 सत्यं विदितं सुन्दरम् Estd. 1949 Accredited Grade "A+" by NAAC	NAAC Accredited "A+"Grade Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda		Academic Year		2023-24					
B.Sc. F.C.Sc. (REGULAR) - First Year – Level 4.5										
Year	I	IDM2012C Computer Aided Interior Design-I (MAJOR)	Credits / Hours per week			04 (0+4)/8 Hrs per week Practical :120 Hrs				
Semester	II	Year of Introduction:2023-24 Year of Syllabus Revision:2023-24	Maximum Marks			100				
Mode of Transaction		Practical Work	Minimum Marks			36				
Course Outcome (CO)										
CO1. To get oriented practically with the basic concepts of 2 dimensional & 3 dimensional drawing on computer.										
CO2. To develop skills to use computer as a drafting tool for interiors.										
Unit No.	Practical		Contact Hours	Weightage (%)	BT Level	CO	PSO	Elements Emp/Ent/SD	Relevance to L/N/RG	Relation to G/ES/HV/PE
1	Draw Toolbar: Line, Ray, Construction line, Multi line, Revision cloud, poly line, Rectangle, Arc, Polygon, Circle, Donut, point, Region and Wipe out		20	15	1,2,3,6,2	CO1,CO	PSO 6	EMP,ENT,SD	L,R,N,G	PE

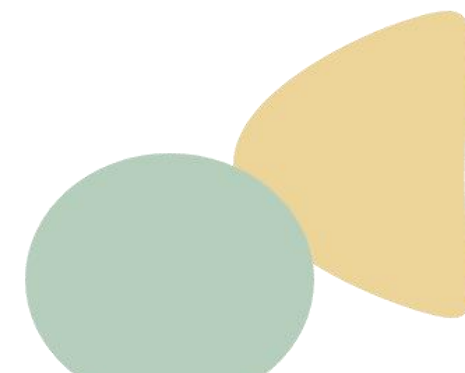
2	Edit Toolbar (Modify): Erase Copy, Mirror, Offset, Array, Move, Rotate, Scale, Stretch, Lengthen, Trim, Extend, Break, Join, Chamfer, Fillet and Explode.	20	15	1,2,3,6	CO1,CO2	PSO 6	EMP,ENT,SD	L,R,N,G	PE
3	Working with layers a. Layers Setting up a New Layer b. Assigning a color to a Layer c. Making a Layer Current d. Making Layers Visible or Invisible e. Line Types f. Method of Loading a Line Type g. Line types by Layer h. Line types by Object i. Moving Objects to Different Layers	20	15	1,2,3,6	CO1,CO2	PSO 6	EMP,ENT,SD	L,R,N,G	PE
4	Blocks a. Meaning of Block b. Blocks and Layers c. Method of making a Block d. Method of inserting a Block Method of using Block in Drawing.	20	15	1,2,3,6	CO1,CO2	PSO 6	EMP,ENT,SD	L,R,N,G	PE
5	Working with Hatches a. To open a Boundary Hatch and Fill Dialogue Box i. Selecting a Hatch Pattern ii. Selecting a Hatch Pattern Palette iii. Hatching the Drawing iv. Modify the Hatch Pattern v. Final application of the Hatch b. Use of Advanced Command c. Selecting the Advanced Option d. Application of the Advanced Option • Use of Gradient	20	10	1,2,3,6	CO1,CO2	PSO 6	EMP,ENT,SD	L,R,N,G	PE



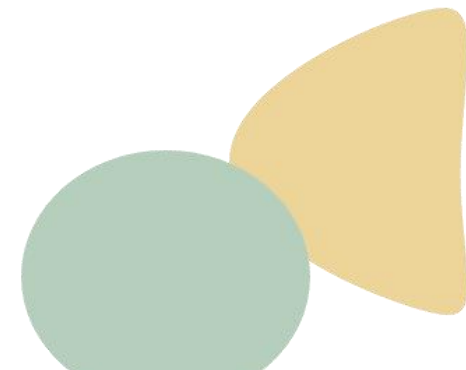
	a. Choosing Single Color Option b. Choosing Double Color Option								
6	Adding Text a) Using Single Line Text b) Multi Line Text c) Editing Text	10	10	1,2,3,6	CO1,CO2	PSO 6	EMP,ENT,SD	L,R,N,G	PE
7	Dimensioning a) Dimension Styles b) The Dimensioning Tool bar c) Linear Dimensioning d) Aligned Dimensioning e) Radius & Diameter f) Continue Dimensioning g) Base line Dimensioning h) Angular Dimensioning Editing a Dimensioning	10	20	1,2,3,6	CO1,CO2	PSO 6	EMP,ENT,SD	L,R,N,G	PE


References

1.	Auto CAD Help 2D Software.
2.	Sharma, A.K. (2018). Auto CAD Shortcut Command (2D and 3D). (Publisher not available).
3.	Lance, K., Krygiel E., and Kim, M. (2018). Mastering Autodesk Revit. Washington. Sybex Publisher.
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COMMON COURSES



 सत्यं शिवं सुन्दरम् Estd. 1949 Accredited Grade "A+" by NAAC		NAAC Accredited "A+"Grade Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda		Academic Year		2023-24				
B.Sc. F.C.Sc. (REGULAR) - First Year – Level 4.5										
Year	I	FCE2002C Interior Decoration and Furnishings (MINOR COURSE)		Credits / Hours per week		04 (4+0)/4 Hrs per week Practical :60 Hrs				
Semester	II	Year of Introduction:2023-24 Year of Syllabus Revision: -2023-24		Maximum Marks		100				
Mode of Transaction		Lectures		Minimum Marks		36				
Course Outcome (CO) CO1: To understand the concepts of Interior Decoration CO2: To learn and gain insight into different surface treatments and finishes used in interiors. CO3: To understand the concept of home furnishing and accessories in relation to types, selection and application in interiors. CO4: To gain knowledge regarding various window treatments and Furniture.										
Unit No.	Topic		Contact Hours	Weightage (%)	BT Level	CO	PSO	Elements Emp/Ent/SD	Relevance to L/N/RG	Relation to G/ES/HV/PE
I	Introduction to Interior Decoration		10	15	1,2	CO1	PSO4,PSO5	Emp	L,N,R,G	G,PE
II	Surface treatments in Interiors: Types, Selection and Care 1. Floor: Hard and soft floor covering (rugs and carpets) 2. Walls: Paints, wallpapers, wood paneling and contemporary treatments		10	15	1,2	CO2	PSO4,PSO5	Emp	L,N,R,G	G,PE


	3. Ceilings: Decorative ceilings, false ceilings and materials used for ceiling								
III	Home Furnishings 1. Types of furnishing used in interior designing 2. Factor influencing furnishing decisions: climate conditions, needs and preference, availability in the market and principles of design. 3. Alternative means of improving home furnishing conditions: elimination, concealment, rearrangement, supplementation (with new items).	10	20	1,3,4	CO3	PSO4,PSO5	Emp	L,N,R,G	G,PE
IV	Accessories Utilitarian and decorative accessories: Lamp, pictures, decorative, object, plants and flower arrangements; Functional objects.	10	15	1,3,4	CO3	PSO4,PSO5	Emp	L,N,R,G	G,PE
V	Windows and Window Treatments 1. Types (with diagram) 2. Window treatment a. Hard (Shutters, rollers, blinds, shades) b. Soft (fabrics for window treatment Window accessories: chords, ring rods, trims & decorative articles Windows and Window Treatments 1. Types (with diagram) 2. Window treatment a. Hard (Shutters, rollers, blinds, shades) b. Soft (fabrics for window treatment Window accessories: chords, ring rods, trims & decorative articles	10	20	1,3	CO4	PSO4,PSO5	Emp	L,N,R,G	G,PE

VI	Furniture: Types, Selection and Arrangement 1. Types of furniture Materials & finishes: (Selection, Maintenance) Wood, seasoning & types, plastic, metal glass and modern materials (present trends). 2. Principles of furniture arrangement 3. Factors to be considered while arranging furniture in interior space.		15	1,3	CO4	PSO4,PSO5	Emp	L,N.R,G	G,PE
References									
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2.	Clifton.c. et al (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.								
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8.	Levine M (1998), Living rooms, Rockport publishers, USA.								
9.	Luke. H., (1996), soft furnishings, New Holland publishers Ltd, Singapore.								
10.	Nissen, L., Faulkner S. and Faulkner R. (1994), Inside Today's Home, 6th Edition, Cengage Learning, United States.								
11.	Philips B, (2000), Hamlyn book of decorating, octopus publishing Ltd, London.								
12.	Whiton, S., (2010). Elements of Interior Design and Decoration, Muschamp Press. UK.								
13.	Levine M (1998), Living rooms, Rockport publishers, USA.								

 <p>THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA सत्यं शिवं सुन्दरम् Estd. 1949 Accredited Grade "A+" by NAAC</p>	NAAC Accredited "A+"Grade Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda		Academic Year		2023-24					
B.Sc. F.C.Sc. (REGULAR) - First Year – Level 4.5										
Year	I	MDC2462C Theory of Resource Management (Multidisciplinary Course)	Credits / Hours per week			04 (4+0)/4 Hrs per week Practical :60 Hrs				
Semester	II	Year of Introduction:2023-24 Year of Syllabus Revision:2023-24	Maximum Marks			100				
Mode of Transaction		Lectures	Minimum Marks			36				
Course Outcome (CO) FCR CO1 To understand the Purpose and Significance of Management as applied to Home in context of changing world. CO2 To develop skills for effective Decision Making and Communication. CO3 To study Family as a System along with its Components and Concepts of Resource Management.										
Unit No.	Topic		Contact Hours	Weightage (%)	BT Level	CO	PSO	Elements Emp/Ent/SD	Relevance to L/N/RG	Relation to G/ES/HV, PE
I	Management in context of Home 1. Introduction to Management: Concept and Principles of		13	20 %	2,3	CO1	PSO1	EMP	L, N, R, G	HV
II	Management, Maslow's Hierarchy of Needs theory 1. Home Maker as Manager: Roles and Responsibilities, Characteristics and Qualities 2. Management in context of changing world. 3. Factors that influence Management as applied to Home: a. Family Composition-Family Life Cycle; Family Size, b. Individual and Family Characteristics: Health.									

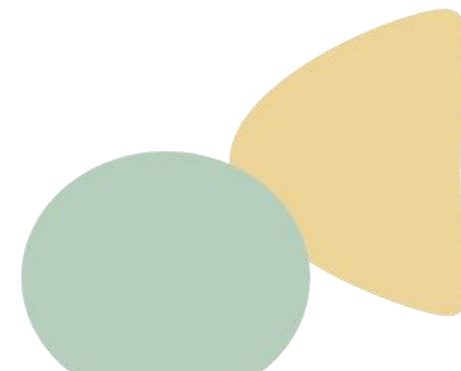
	Race, Personality, Education, Occupation, and Social Position. c. Environment: Location & Housing								
III	Decision Making and Communication 1. Decision making: Meaning, Steps, and Types of Decisions, Factors affecting Decision Making, Aids in Decision Making 2. Communicating: Meaning, Process, Types of Communication, Barriers to Communication	11	15%	2,3	CO2				
IV	Concepts of System as applied to Family as a System 1. Definition, Type and Concepts of a System 2. The Family System with its Sub-Systems 3. Interaction/among family and other systems: Physical Environment, Political, Economic, Socio-Cultural Systems.	11	15%	2,3	CO3				
V	Components of the Managerial sub-system of Family: Input, through-put, out-put and feedback 1. Input: Demands, Resource •Demands: Goals and Event as Demands •Resources: Characteristics & Classification •Values and their contribution to Resources and Demands 2. Through-puts: Planning: Implementing •Planning: Importance and Role of Planning: Types of Plan; Techniques for making a successful plan - Implementing: • Controlling-Energizing, Checking, Adjusting • Facilitating • Supervision	13	20%	2,3,4,5	CO1 CO3				


	<ul style="list-style-type: none"> Guiding and Directing <p>3. Output: Met demands; Used Resources</p> <p>4. Input-Output relations:</p> <p>- Feedback- Meaning, Positive, Negative</p> <p>Evaluation- Role in the Management Process, Types of Evaluation.</p>								
References									
1.	Seetharaman, P., Batra, S. and Mehra, P. (2005). <i>An Introduction to Family Resource Management</i> . New Delhi & Bangalore, CBS Publishers and Distributors.								
2.	Gross, I.H., Crandall, E.W. and Knoll M.M.(1980). <i>Management for Modern Families</i> . New Jersey, Prentice Hall PTR.								
3.	Nickell, P., Rice, A.S. and Tucker, S.P. (1976). <i>Management in Family Living</i> (5 th ed.). New York, John Wiley & Sons, Inc.								
4.	Deacon, Ruth E. and Firebaugh F.M. (1975). <i>Home Management: Context and Concepts</i> . Boston, Houghton Mifflin Company.								

 सत्यं शिवं सुन्दरम् Estd. 1949 Accredited Grade "A+" by NAAC		NAAC Accredited "A+"Grade Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda			Academic Year		2023-24				
B.Sc. F.C.Sc. (REGULAR) - First Year – Level 5											
Year	I	AEC2262C Developing Communication Skills in English (Ability Enhancement Course)		Credits / Hours per week		2(2+0) 2 Hrs per week Theory: 30 Hrs					
Semester	II	Year of Introduction: 2023-24 Year of Syllabus Revision: 2023-24		Maximum Marks		50					
Mode of Transaction		Lectures and Tutorials		Minimum Marks		18					
Course Outcome (CO) CO1: To Identify the important aspects of communication Skills and understanding listening and speaking skills. CO2: To explore techniques for improving reading skills and to understand types and styles of reading skills. CO3: To understand the significance of the concept of critical thinking skills and to understand the nuances of writing different types of paragraphs and to employ various strategies to create slogans.											
Unit No.	Topic			Contact Hours	Weightage (%)	BT Level	CO	PSO	Elements Emp/Ent/SD	Relevance to L/N/R/G	Relation to G/ES/HV/PE
I	Oral Communication Skills a) Listening Skills: An Introduction b) Types of Listening Skills c) Improving Listening Skills d) Articulating Speaking Skills			10	33.33%	1,2, 3,4	1	2.3,4,	EMP, SD	L, N, R, G	ES, PE
II	Comprehending Reading Skills a) Reading Skills: A Lifelong Skill b) Types of Reading c) Techniques of Reading			10	33.33%	1,2, 3,4	2	1,2,3,4,	EMP, SD	L, N, R, G	ES, PE



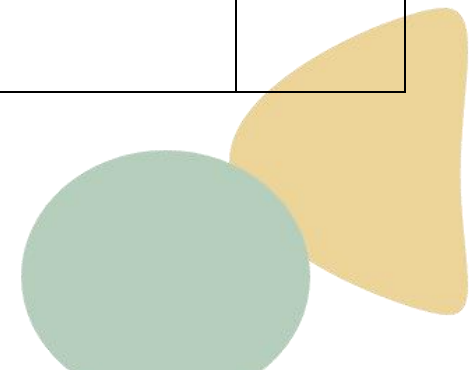
	d) Styles of Reading and Effective Reading								
III	Critical Thinking and Writing Skills a) Critical Thinking Skills: Concept and Definition b) Rhetoric / Logic / Concerting Ideas into Expression and Developing Arguments c) Paragraph Writing d) Writing Slogans and Interpreting Information	10	33.34%	1,2,3,4,5	3	1,2,4,5	EMP, ENT SD	L, N, R, G	ES, PE
References									
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								
5.	Raviya, Hitesh, et al. Developing Communication Skills in English. MacMillan Publishers India Private Limited, 2020, Chennai, India.								
6.	Surve, Anshu, et al. Developing Communication Skills in English. MacMillan Publishers India Private Limited, 2023, Chennai, India.								
7.	Roloft, M. F. Interpersonal Communication. Sage Publication., USA.								



		NAAC Accredited "A+"Grade Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda			Academic Year			2023-24		
B.Sc. F.C.Sc (REGULAR) - First Year – Level 4.5										
Year	I	SEC2552C Computer Literacy-II (SEC Course)			Credits / Hours per week			2(1+1) / 3 hours/week Theory: 15 Hrs		
Semester	II	Year of Introduction: 2023-24 Year of Syllabus Revision: 2023-24			Maximum Marks			50		
Mode of Transaction		Theory & Practical's			Minimum Marks			18		
Course Outcome (CO) CO1: To learn the fundamental concepts of MS Office. CO2: To learn development of documents/presentations using MS Word Processor, Spreadsheet & Presentation software. CO3: To acquire confidence in using computer in professional and personal life.										
Unit No.	Topic	Contact Hours	Weightage (%)	BT Level	CO	PSO	Elements Emp/Ent/SD	Relevance to L/N/R/G	Relation to G/ES/HV/PE	
I	Spreadsheet a) Elements of Spread Sheet i.Creating of Spread Sheet ii.Manipulation of Cells & Sheet	20 h	35%	2,4,6	1,2,3	2,4,6	SD, Emp	L, N, R, G	PE	



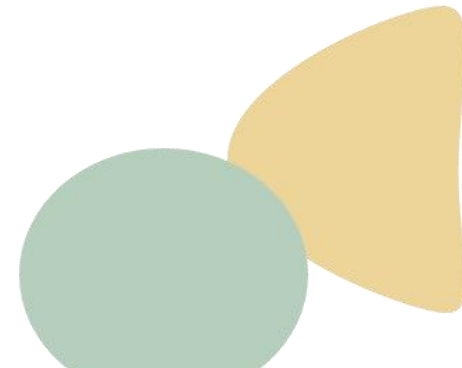
	iii.Modifying / Editing Cell Content iv.Formatting Cell (Font, Alignment, Style) v.Freezing panes b) Formulas, Functions and Charts i. Using Formulas for Numbers ii. Functions in MS Excel iii. Creating Charts iv. Pivot Table and its uses								
II	PowerPoint Presentation a) Introduction to PowerPoint Presentation i. Creating a Presentation Using a Template ii. Inserting & Editing Text on Slides	10 h	35%	2,6	1,2,3	2,6	SD,Emp	L, N, R, G	PE





	<ul style="list-style-type: none"> 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 								
III	Emerging Trends in Technology <ul style="list-style-type: none"> a) Introduction to Cloud Computing <ul style="list-style-type: none"> 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 	15 h	30%	1,2,3	1,2,3	1,2,3	Emp, SD	L, N, R, G	PE



	<p>Intelligences and their applications.</p> <p>d) Introduction to Cyber security.</p> <p>i. Cyber security goal</p> <p>ii. Types of cyber attacks</p> <p>iii. Types of cyber attackers</p> <p>iv. Cyber Security Tools</p> <p>v. Email Security</p> <p>vi. Digital Signature</p>								
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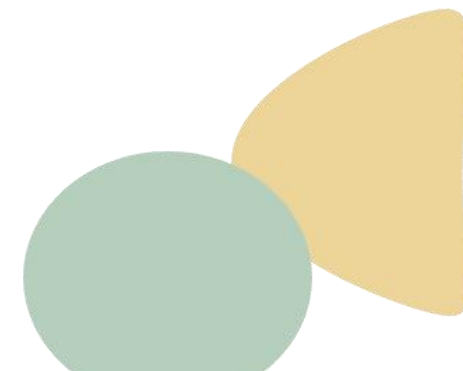





		NAAC Accredited "A+"Grade Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda			Academic Year			 2023-24		
B.Sc. F.C.Sc. (REGULAR) - First Year – Level 4.5										
Year	I	SEC2552C Computer Literacy-II (Skill Enhancement Course)		Credits/ Hours per week			2(1+1) / 3 hours/week Practical's: 30 Hrs.			
Semester	II	Year of Introduction: 2023-24 Year of Syllabus Revision: 2023-24		Maximum Marks			50			
Mode of Transaction		Presentations, Hands On Training, fieldwork, use of relevant statistical package		Minimum Marks			18			
No	Course Content: Practical		Contact Hours	Weightage (%)	BT level	CO	PSO	Element s Emp/Ent /SD	Relevance to L/N/RG	Relati on to G/ES/H V/PE
I	Creating, Modifying, Formatting cell		20 h	50%	2,4,6	1,2,3	2,4,6	SD, Emp	L, N, R, G	PE
	Using formulas and Functions									
	I. 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									
	Uses of Pivot Table									
	Protect Workbook and Worksheet									
	Creating Presentation Using Templates									
II	Creating Presentation Using Templates		10 h	50%	2,6	1,2,3	2,6	SD,Emp	L, N, R, G	PE
	Creating & using Master Slide									
	Use transitions and animation									
	Printing Slides and Handouts									

Reference

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.




 <p>सत्यं शिवं सुन्दरम् Estd. 1949 Accredited Grade "A+" by NAAC</p>		NAAC Accredited "A+"Grade Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda				Academic Year				2023-24				
B.Sc. F.C.Sc (REGULAR) - First Year – Level 4.5														
Year		I	VAC2322C Environment Science (Value Added Course)				Credits / Hours per week				02 (2+0) / 2 Hrs/ week Theory: 30 Hrs			
Semester		II	Year of Introduction:2023-24 Year of Syllabus Revision:2023-24				Maximum Marks				50			
Mode of Transaction			Lectures and Tutorials				Minimum Marks				18			
Course Outcome (CO)														
CO1: To appreciate the historical context of human interactions with the environment.														
CO2: To gain insights into the international efforts to safeguard the Earth's environment and resources.														
CO3: To understand the concept of natural resources; identify types of natural resources, their distribution and use with special reference to India.														
CO4: To develop a critical understanding of the environmental issues of concern.														
CO5: To Understand the concepts of ecosystems, biodiversity and conservation.														
CO6: To Learn about Pollution, types and sources of different kinds of pollution.														
CO7: To have an overview of national and global efforts to address climate change adaptation and mitigation.														
CO8: To Understand broad aspects of environmental management systems and different methods of assessing environmental quality and associated risks														
CO9: To Learn about the major international treaties and our country's stand on and responses to the major International agreements.														
Unit No.	Topic				Contact Hours	Weightage (%)	BT	CO	PSO	Elements Emp/Ent/SD	Relevance to L/N/RG		Relation to	

				Level I					G/ES/HV/P E
I	Humans and the Environment <ul style="list-style-type: none"> 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. Environmental Ethics 	04h	13%	1,2	CO1 CO2	1,2, 3	EMP, ENT	L,N,R,G	ES, HV
II	Natural Resources and Sustainable Development <ul style="list-style-type: none"> Overview of natural resources: Definition of resource; Classification of natural resources- biotic and abiotic, renewable and non-renewable. Biotic resources Water resources Soil and mineral resources. Energy resources: Sources of energy and their classification, SDGs related to environment, targets 	06h	20%	1,2,3	CO3	1,2,3	EMP, ENT	L,N,R,G	ES, HV
III	Environmental Issues: Local, Regional and Global <ul style="list-style-type: none"> Environmental issues and scales: Concepts of micro-, meso-, synoptic and planetary scales; Temporal and spatial extents of local, regional, and global phenomena. 	06h	20%	1,2,3	CO4	1,2,3	EMP, ENT	L,N,R,G	ES, HV

	<ul style="list-style-type: none"> ▪ 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. ▪ Land use and Land cover change: land degradation, deforestation, desertification, urbanization. Biodiversity loss: past and current trends, impact. ▪ Global change: Ozone layer depletion; Climate change. Disasters – Natural and Man-made (Anthropogenic) 								
IV	Conservation of Biodiversity and Ecosystems <ul style="list-style-type: none"> ▪ Biodiversity and its distribution: ▪ Ecosystems and ecosystem services: ▪ Threats to biodiversity and ecosystems: ▪ Major conservation policies:. ▪ Discussion on one national and one international case study related to the environment and sustainable development. 	06h	20%	1,2,3	CO5	1,2,3	EMP, ENT	L,N,R,G	ES, HV
V	Environmental Pollution and Health <ul style="list-style-type: none"> ▪ Understanding pollution: ▪ Air pollution: ▪ Water pollution: ▪ Soil pollution and solid waste ▪ Noise pollution ▪ Thermal and radioactive pollution: ▪ Participation in plantation drive and nature camps. 	04h	13.5%	1,2,3	CO6	1,2,3	EMP, ENT	L,N,R,G	ES, HV
VI	Climate Change: Impacts, Adaptation and Mitigation <ul style="list-style-type: none"> • Understanding climate change: • Impacts, vulnerability and adaptation to climate 	04h				1,2,3	EMP, ENT	L,N,R,G	ES, HV

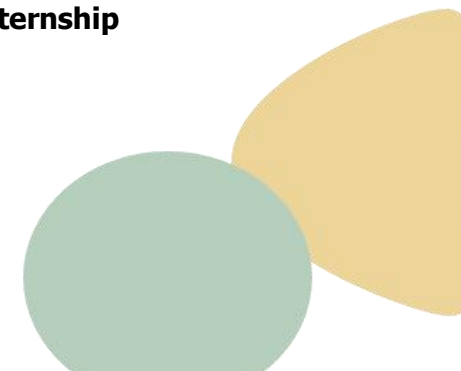
	change		13.5%	1,2,3	C07			
References								
1.	Fisher, Michael H. (2018) An Environmental History of India- From Earliest Times to the Twenty-First Century, Cambridge University Press.							
2.	Headrick, Daniel R. (2020) Humans versus Nature- A Global Environmental History, Oxford University Press.							
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							
7.	Bawa, K.S., Oomen, M.A. and Primack, R. (2011) Conservation Biology: A Primer for South Asia. Universities Press.							
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.							
11.	Adenle A., Azadi H., Arbiol J. (2015). Global assessment of technological innovation for climate change adaptation and mitigation in developing world, Journal of Environmental Management, 161 (15): 261-275.							
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							
16.	Ministry of Environment, Forest and Climate Change (2019) A Handbook on International Environment Conventions & Programmes. https://moef.gov.in/wp-content/uploads/2020/02/convention-V-16-CURVE-web.pdf							
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 Standards", 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							

 <p>THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA सत्यं शिवं सुन्दरम् Estd 1949</p>		NAAC Accredited "A+" Grade Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda			Academic Year		2023-24		
B.Sc. F.C.Sc. (REGULAR) - First Year – Level 4.5									
Year	I	Summer Internship/Apprenticeship			Credits / Hours per week		4 (0+4) Credits / 8 hrs Practical:120 Hrs		
Semester	II	Year of Introduction: 2023-2024 Year of Syllabus Revision: -2023-2024			Maximum Marks		100		
Mode of Transaction		Summer Internship/Apprenticeship			Minimum Marks		36		
Course Outcome (CO) CO1. To get On Site Experiential Learning from recognized Institutions/Agency.									
Unit No.		Contact Hours	Weightage (%)	BT level	CO	PSO	Elements Emp/Ent/SD	Relevance to L/N/RG	Relation to G/ES/HV/PE
1.	Internship/ Apprenticeship of 30 days (8 hours per week) under any One of the following: a. NGOs, Schools, Anganwadis, Childcare Centre, ICDS b. CSR based Industry c. Food Industry, Hotels, Restaurants, Cafes	32	100%	1,2,3,4,5 & 6	CO1		EMP, ENT, SD	L	HV, PE

	d. Fitness Centre, Gymnasium, Boutique e. Museum and Exhibits f. Firm of Architects, Interior Designer, Fashion Designer, Graphic Designer g. Aviation, Tourism Industry h. Textile industry, Fashion industry and Media Industry i. Retail outlets j. Student Internship Programmes offered by Universities k. Event Management Firms								
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

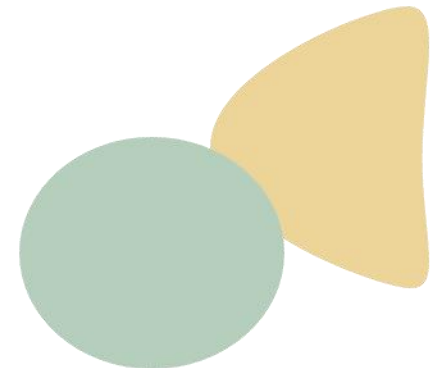


NEP 2020 COURSE STRUCTURE

FACULTY OF FAMILY AND COMMUNITY SCIENCES **SECOND YEAR – REGULAR-INTERIOR DESIGN**

DEPARTMENT OF FAMILY AND COMMUNITY RESOURCE MANAGEMENT

SECOND YEAR
ACADEMIC YEAR- 2024-2025



NEP 2020 COURSE STRUCTURE

FCRM - INTERIOR DESIGN - REGULAR PROGRAMME-SECOND YEAR

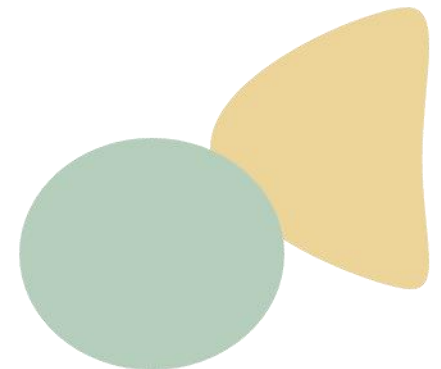
SEMESTER	COURSE CODE	COURSE NAME	CREDIT	COURSE TYPE
III	IDM2003C	Fundamentals of Drawing and Anthropometry	4 (1+3)	MAJOR
	IDM2013C	Residential Space Designing	4 (2+2)	MAJOR
	IDM2023C	Computer Aided Interior Designing-II	4 (0+4)	MAJOR
	MDC2313C	Sustainable Interiors	4 (4+0)	MDC
	AEC2183C	English for Entrepreneurship	2 (2+0)	AEC
	SEC2243C	Model Making	2 (0+2)	SEC
	IKS2153C	Indian Art and Craft	2 (2+0)	IKS-II
		TOTAL	22	
IV	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
		TOTAL	22	

Programme Name: B.Sc. (Interior Design & Hospitality Management)

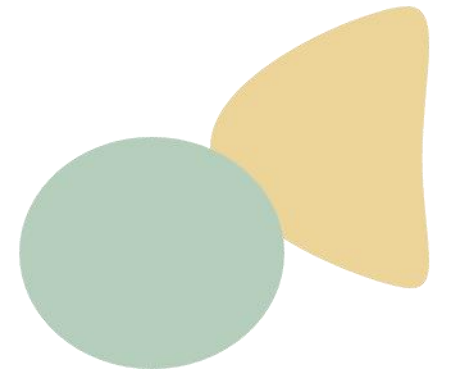
Programme Specific Outcomes (PSO)


- PSO 1** To learn the application of concepts related to management of Human and Non-Human Resources.
- PSO 2** To develop skills in the application of elements and principles of Art and Design.
- PSO 3** To learn the principles of Physics as applied in various household equipment's and electrical appliances.
- PSO 4** To learn and apply the management process for effective time and energy management and design components of work, worker and workplace to increase the efficiency of work.
- PSO 5** To learn fundamentals of environment and understand the significance of environment education
- PSO 6** To learn and understand the concepts related to Consumer Buying, Market and Marketing.
- PSO 7** To understand the principles of event management and risk and challenges involved.
- PSO 8** To learn base materials, finishes, insulating material and principles underlying the construction, storage of household equipment.
- PSO 9** To learn application of various surface treatments, furniture, home furnishings, accessories, and window treatments.
- PSO 10** To learn the application of principles of kitchen planning.
- PSO 11** To understand the fundamentals of entrepreneurship management and to develop competence to establish a small enterprise.
- PSO 12** To understand basic concepts related consumer and the market, develop good buymanship skills and to become aware about rights and responsibilities of consumer.
- PSO 13** To learn the process of conducting research.
- PSO 14** To learn concepts related to Vaastu and its application.
- PSO 15** To learn basics of Banquet and its procedures.
- PSO 16** To learn concepts related to ergonomics and its components.
- PSO 17** To develop skills for architectural drawings using scale and proportion.
- PSO 18** To learn planning of various types of lighting for residential and commercial spaces.
- PSO 19** To learn principles of planning various types of residential units and trends and availability of Building Materials in the market.
- PSO 20** To learn designing interiors of residential and commercial spaces.
- PSO 21** To learn and develop skills for 2 and 3 dimensional architectural drawings.
- PSO 22** To get hands on learning experience of handling and working of Interior design Firm.
- PSO 23** To learn about various plants and its types, their care and maintenance and to develop plans for residential landscaping.
- PSO 24** To get acquainted with the basic concept related to Food Safety Management in Hospitality and Catering Industry.
- PSO 25** To acquire knowledge regarding Food and Beverage Services Outlets, Front Office and Housekeeping Operations.
- PSO 26** To develop skills essential for Professional Management practices in Hospitality Industry for improving Human Resource Performances.

- PSO 27** To get hands on experience regarding operations carried out in various department of Hospitality Industry.
- PSO 28** To get familiar with current Trends of Travel and Tourism Business and to learn fundamentals of Travel Agencies and Tour Operation Management.
- PSO 29** Excel in descriptive oral, written communication and presentation skills required for documenting and delivering project articles effectively.
- PSO 30** To develop ability in Planning, Executing and Evaluating Community Outreach Programs.
- PSO 31** To get understanding of relationship between sustainable development and tourism and to get acquainted with the appropriate type for the development for sustainable tourism.
- PSO 32** To learn and understand about the Personal Hygiene, Sanitation and Food handling in Hospitality Industry.
- PSO 33** To gain insight into types, purpose, applications and functioning of services related to Building Interiors.

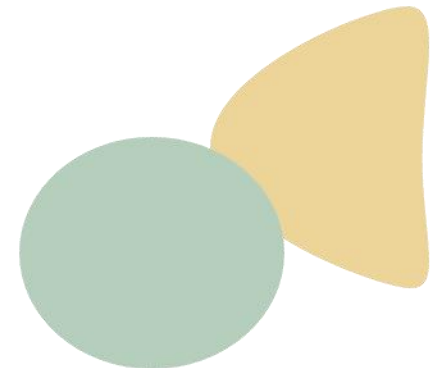


SEMESTER-I



	NAAC Accredited "A+" Grade Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda		Academic Year				2024-25			
B.Sc. F.C.Sc. (Regular Programme- Interior Design) - Second Year – Level 5										
Year	II	IDM2003C Fundamentals of Drawing and Anthropometry (Major)	Credits / Hours per week				4 (1+3) 7 Hrs /week Theory: 15 Hrs			
Semester	I	Year of Introduction:2024-25 Year of Syllabus Revision:2024-25	Maximum Marks				100			
Mode of Transaction		Lectures and Demonstrations	Minimum Marks				36			
Course Outcome (CO) CO1. To understand basics of geometry in design. CO2. To learn projection techniques in drawing. CO3. To develop drawing and basic drafting skills.										
Unit No.	Units		Contact Hours	Weightage (%)	BT Level	CO	PSO	Elements Emp/Ent/SD	Relevance to L/N/R/G	Relation to G/ES/HV/PE
I	Concepts of Geometry 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		4h	25	1,2,3,6	CO1	PSO17	SD	N, G	PE
II	Basics of Anthropometry a. Meaning and importance of Anthropometry b. Understanding Human Proportions in Perspective.		2h	25	1,2,3,5,6	CO3	PSO17	SD, EMP	N, G	PE


III	Orthographic and Metric Projections <ol style="list-style-type: none"> Plan, Side, Front and Back Views Types of elevations Isometric, Axonometric and Oblique Projections 	5h	25	1,2,3,6	CO2	PSO17	SD	N, G	PE
IV	Perspective Projection <ol style="list-style-type: none"> Terminologies for Perspective Projection Types of Perspective Projection 	4h	25	1,2,3,6	CO2	PSO17	SD	N, G	PE



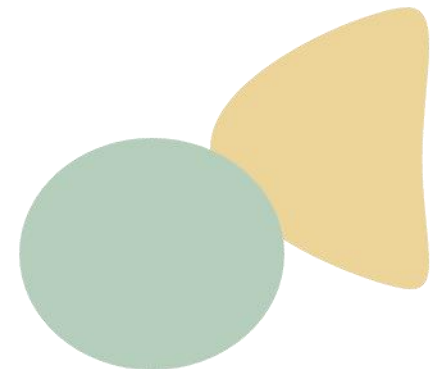



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		NAAC Accredited "A+" Grade Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda				Academic Year				2024-25		
B.Sc. F.C.Sc. (Regular Programme- Interior Design) – Second Year – Level 5												
Year		II	IDM2003C Fundamentals of Drawing and Anthropometry (Major)			Credits / Hours per week				4 (1+3) / 7 Hrs/week Practical: 90 Hrs		
Semester		I	Year of Introduction: 2024-25 Year of Syllabus Revision: 2024-25			Maximum Marks				100		
Mode of Transaction		Practical's			Minimum Marks				36			
No.	Practical				Contact Hours	Weightage (%)	BT Level	CO	PSO	Elements Emp/Ent/SD	Relevance to L/N/R/G	Relation to G/ES/HV/PE
I.	Learn Metric conversions				4h	05	1,2,3	CO3	PSO17	SD	G	PE
II.	Understand the use of various drawing and drafting tools				2h	05	1,2,3	CO3	PSO17	SD	G	PE
III.	Learn Construction of Geometric shapes and forms				6h	10	1,2,3	CO3	PSO17	SD	G	PE
IV.	Learn Defining Space by Shades and Shadows				6h	10	1,2,3	CO3	PSO17	SD	G	PE
V.	Create live sketch of a selected space and Free hand drawing of an object in context with human proportions.				8h	10	1,2,3,4	CO3	PSO17	SD	G	PE
VI.	Learn Lettering Techniques and Applications				6h	10	1,2,3,6	CO3	PSO17	SD	G	PE
VII.	Designing Logo and Visiting Card for Interior Design Firm.				6h	10	1,2,3,6	CO3	PSO17	SD/EMP	G	PE
VIII.	Understand and draw Rendering techniques for various textures and materials				8h	10	1,2,3	CO3	PSO17	SD	G	PE
IX.	Drafting orthographic projections of selected interior space				14h	10	1,2,3,6	CO3	PSO17	SD/EMP	G	PE
X.	Drafting metric projections of selected interior space				14h	10	1,2,3,6	CO3	PSO17	SD,EMP	G	PE

XI.	Drafting One-Point Perspective of selected interior space	16h	10	1,2,3,4,6	CO3	PSO17	SD,EMP	G	PE
Suggestive Evaluation Methods: Theory test, Drafting, Model Making, Assignments.									
References									
1.	Bhatt, P. D. and Goenka, S. (1990), Foundation of Art and Design, Mumbai, Lakhani Book Depot.								
2.	Cline, L. S. (2021). Architectural Drafting for Interior Design: - with STUDIO. United States: Bloomsbury Publishing.								
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								
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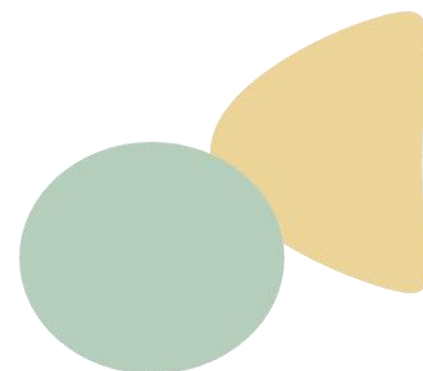


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B.Sc. F.C.Sc (Regular Programme- Interior Design) - Second Year – Level 5											
Year	II	IDM2013C Residential Space Designing (Major)		Credits / Hours per week				4 (2+2) 6 Hrs /week Theory: 30 Hrs			
Semester	I	Year of Introduction:2024-25 Year of Syllabus Revision:2024-25		Maximum Marks				100			
Mode of Transaction		Lectures and Presentation		Minimum Marks				36			
Course Outcome (CO) CO1. To understand the basic needs and requirement of clients with regard to designing the interiors of a residential space. CO2. To develop skills in designing the residential interiors.											
Unit No.	Units			Contact Hours	Weightage (%)	BT Level	CO	PSO	Elements Emp/Ent/SD	Relevance to L/N/R/G	Relation to G/ES/HV/PE
I	Design Development Process: a. Development of a Design Concept b. Design programme and Methodology			10h	25	1,2,3	CO1	PSO19	EMP, ENT	L, N, R, G	PE
II	Aspects of Design Development of Residential Spaces 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.			5h	25	1,2,3	CO1	PSO19	EMP, ENT	L, N, R, G	PE
III	Understanding various areas of a residential space a. Public Spaces b. Private Spaces c. Utility Spaces			10h	30	1,2,3	CO2	PSO19, PSO20	EMP, ENT, SD	L, N, R, G	PE
IV	Services in Residential Spaces: a. Plumbing Services b. Electrical Services			5h	20	1,2,3	CO2	PSO20	EMP, ENT, SD	L, N, R, G	PE

 NAAC Accredited "A+" Grade Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda		Academic Year					2024-25			
B.Sc. F.C.Sc (Regular Programme- Interior Design) - Second Year – Level 5										
Year	II	IDM2013C Residential Space Designing (Major)		Credits / Hours per week				4 (2+2) 6 Hrs / Week Practical: 60 Hrs		
Semester	I	Year of Introduction: 2024-25 Year of Syllabus Revision: 2024-25		Maximum Marks				100		
Mode of Transaction		Practical's		Minimum Marks				36		
UnitNo.	Practical		Contact Hours	Weightage (%)	BT Level	CO	PSO	Elements Emp/Ent/SD	Relevance to L/N/R/G	Relation to G/ES/HV/PE
I.	Site Analysis and Site Planning		05h	20	3,4,6	CO1, CO2	PSO19	SD	G	HV PE
II.	Developing design concept/idea/theme/style		05h	10	3,4,6	CO1, CO2	PSO19	SD	G	HV PE
III.	Drafting of Floor Plan		10h	10	3,4,6	CO1, CO2	PSO20	SD	G	HV PE
IV.	Proposing Furniture Layout		10h	15	3,4,6	CO1, CO2	PSO20	SD	G	HV PE
V.	Flooring Design and Detailing		05h	10	3,4,6	CO1, CO2	PSO20	SD	G	HV PE
VI.	Ceiling Design and Detailing		10h	15	3,4,6	CO1, CO2	PSO20	SD	G	HV PE
VII.	Electrical Layout and Services		10h	10	3,4,6	CO1, CO2	PSO20	SD	G	HV PE
VIII.	Plumbing Layout and Services		05h	10	3,4,6	CO1, CO2	PSO20	SD	G	HV PE
Suggestive Evaluation Methods: Theory test, Drafting, Model Making, Assignments, Market Survey, Presentation, Case Study.										
References										
1.	Bakker, M. L. (2016). <i>Space planning for commercial office interiors</i> . Fairchild Books, an imprint of Bloomsbury Publishing Inc.									
2.	Dechiara J., Panero J., Zelnik M. (2001). <i>Time-Saver Standards for Interior Design and Space Planning</i> . New York United States: Mcgraw-Hill, Inc.									
3.	Kubba, S. (2003). <i>Space planning for commercial and residential interiors</i> . McGraw-Hill.									
4.	Patel,S., Trivedi,K., Shah,K. & Desai,N.(2020). <i>Residential space designing</i> . Authors press, New Delhi									
5.	Tangaz,T. (2018).The Interior Design Course(2, illustrated, revised). UK, Thames & Hudson.									

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B.Sc. F.C.Sc. (Regular Programme -Interior Design) - Second Year – Level 5											
Year	II	IDM2023C Computer-Aided Designing - II (Major)			Credits / Hours per week				4 (0+4) 8 Hrs /week Practical: 120 Hrs		
Semester	I	Year of Introduction:2024-25 Year of Syllabus Revision:2024-25			Maximum Marks				100		
Mode of Transaction		Practical			Minimum Marks				36		
Course Outcome (CO)											
CO1. To get oriented practically with the basic concepts of 2-dimensional drawings.											
CO2. To develop skills to use computer as a drafting tool for interior design.											
No.	Practical			Contact Hours	Weightage (%)	BT Level	CO	PSO	Elements Emp/Ent/SD	Relevance to L/N/R/G	Relation to G/ES/HV/PE
I	Designing different types of blocks for different interior spaces using draw and edit toolbars. a. Windows b. Doors c. Mirror d. Basin e. WC f. Kitchen Equipment			24h	15	1,2,3,6	CO1 CO2	PSO17 PSO21	EMP, ENT, SD	L, N, R, G	PE
II	Application of different hatch patterns to show different materials. a. Glass b. Wood c. Metal d. Brick e. Concrete and others			10h	10	1,2,3,6	CO1 CO2	PSO17 PSO21	EMP, ENT, SD	L, N, R, G	PE

III	Application of Draw, Edit, and Hatch toolbars in making different furniture designs. a. Types of Sofa b. Types of beds c. Types of Dining Tables d. Types of Wardrobe and others	20h	15	1,2,3,6	CO1 CO2	PSO17 PSO21	EMP, ENT, SD	L, N, R, G	PE
IV	Application of Layers in making plans of different types of rooms (Room for 1 person, Master bedroom, and others)	26h	20	1,2,3,6	CO1 CO2	PSO17 PSO21	EMP, ENT, SD	L, N, R, G	PE
V	Application of commands in making a plan of studio apartment	26h	20	1,2,3,6	CO1 CO2	PSO17 PSO21	EMP, ENT, SD	L, N, R, G	PE
VI	Introduction to Computer Aided 3D Modeling	14h	20	1,2,3,6	CO1 CO2	PSO17 PSO21	EMP, ENT, SD	L, N, R, G	PE
Suggestive Evaluation Methods: Theory test, Practical test, Drafting, Assignments, Presentation.									
References									
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.								
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The Maharaja Sayajirao University of Baroda

Academic Year

2024-25

B.Sc. F.C.Sc (Regular Programme- Interior Design) - Second Year – Level 5

Year	II	MDC2313C Sustainable Interiors (Multidisciplinary Course)	Credits / Hours per week	4 (4+0) 4 Hrs /week Theory: 60 Hrs
Semester	I	Year of Introduction:2024-25 Year of Syllabus Revision:2024-25	Maximum Marks	100
Mode of Transaction	Lectures	Minimum Marks	36	

Course Outcome (CO)

- C01. To acquire knowledge about Origin and Evolution of Sustainable Development.
C02. To gain awareness about Environment Protection and Sustainable Environment.
C03. To gain insight into Green Building Technologies and Practices.
C04. To learn about the concept of Sustainable Environment in Interior Designing.
C05. To get an insight into Green Features in Interior Design.

Unit No.	Units	Contact Hours	Weightage (%)	BT Level	CO	PSO	Elements Emp/Ent/SD	Relevance to L/N/R/G	Relation to G/ES/HV/PE
I	Understanding the concept of Sustainable Development 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	12h	20	1,2	CO1	PSO5	EMP	G	ES, HV

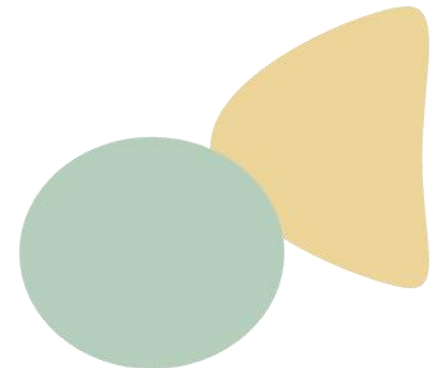
II	Sustainable Technologies and Practices for Interior Design <ul style="list-style-type: none"> a. Meaning, Concept and Significance of Sustainable Interiors b. Green Building Technologies c. Principles of developing Green Buildings 	12h	20	1,2	CO3	PSO5	EMP	G	ES, HV, PE
III	Concept of Sustainable Environment in Interior Designing <ul style="list-style-type: none"> a. Purpose of Sustainable Environment in Interior Designing b. Process of developing Sustainable Environment in Interior Designing 	12h	20	1,2	CO4	PSO5	EMP	G	ES, HV, PE
IV	Green features in Interior Design <ul style="list-style-type: none"> a. Water Conservation b. Energy Efficiency c. Indoor Environment 	12h	20	1,2	CO5	PSO5	EMP, ENT	G	ES, HV, PE
V	Sustainable Materials <ul style="list-style-type: none"> a. Interior Materials b. Innovation in Interior Design 	12h	20	1,2	CO5	PSO5	EMP, ENT	G	ES, HV, PE

Suggestive Evaluation Methods: Theory test, Assignments, Market Survey, Presentation, Case Study

References

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, (2nd 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.
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14.	Peuportier, B. (2015). Eco-design for Buildings and Neighbourhoods. CRC Press.
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18.	Yudina, Anna (2017): Garden City: Super green Buildings, Urban Skyscapes and the New Planted Space, United Kingdom, Thames and Hudson.



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B.Sc. F.C.Sc (Regular Programme- Interior Design) – Second Year – Level 5

Year	II	SEC2243C Model Making (Skill Enhancement Course)	Credits / Hours per week	2 (0+2) / 4 Hrs/week Practical:60 hours
Semester	I	Year of Introduction: 2024-25 Year of Syllabus Revision: 2024-25	Maximum Marks	50
Mode of Transaction		Practical's	Minimum Marks	18

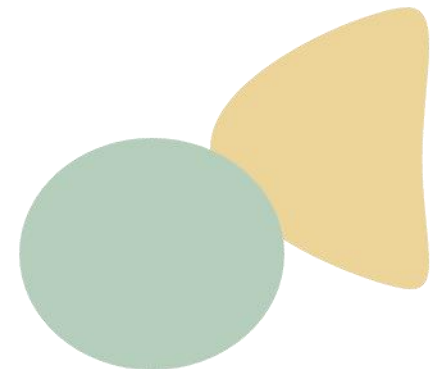
Course Outcome (CO)


CO1.To help students understand the need and importance of Model Making.

CO2. To make students prepare model for all components of Interiors.

No.	Practical	Contact Hours	Weightage (%)	BT Level	CO	PSO	Elements Emp/Ent/SD	Relevance to L/N/R/G	Relation to G/ES/HV/PE
1	Introduction to Model making and importance of model making	6h	10	1,2	CO1	PSO17	SD, Emp, Ent	L, N, R, G	HV
2	Understanding scales for model making	4h	10	3	CO1	PSO17	SD, Emp, Ent	L, N	HV
3	Market Survey of different Materials for Model Making	9h	15	2,3,4	CO1	PSO19	SD, Emp, Ent	L, N, R, G	ES
4	Making Models for structural Elements of the Building	9h	15	3	CO2	PSO21	SD, Emp, Ent	N, G	ES, HV
5	Model making for Backgrounds of Living: Walls, Floors and Ceiling	6h	10	2,3	CO2	PSO20, PSO21	SD, Emp, Ent	L, N, R, G	ES
6	Models for different Types of Doors and Windows and Window Treatments	6h	10	2,3,6	CO2	PSO19	SD, Emp, Ent	L, N, R	ES
7	Models for Built-in Furniture	6h	10	3,4,6	CO2	PSO19	SD, Emp, Ent	N, G	ES
8	Models for Seating and Resting Furniture	6h	10	2,3,6	CO2	PSO19	SD, Emp, Ent	L, N, G	ES

9	Model for Residential and Commercial Areas	8h	10	2,3,6	CO2	PSO20	SD, Emp, Ent	L, N, R, G	ES
Suggestive Evaluation Methods: Practical test, Drafting, Model Making, Market Survey									
References									
1.	Chowdary. (1990). <i>Engineering Materials used in India</i> (7 th ed.). New Delhi: Oxford and IBH.								
2.	Francis D. Ching, F. (2008). <i>Building Construction Illustrated</i> . USA: Wiley.								
3.	Leinbac (1986). <i>Visualization Techniques</i> . New Jersey: McMillan.								
4.	Pratt, J. (2023) Model making. THE CROWOOD PRESS LTD.								
5.	Rangwala. (2004). <i>Building Construction</i> . (22 nd ed.). Anand, Gujarat: Charota Pub. House.								
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7.	Sushil. (2003). <i>Text Book of Building Construction</i> (19 th ed.). Delhi: Standard Publication.								
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B.Sc. F.C.Sc (Regular Programme- Interior Design) – Second Year – Level 5

Year	II	IKS2153C Indian Art and Craft (Indian Knowledge System-II)	Credits / Hours per week	2(2+0) 2 Hrs / week Theory: 30 Hrs
Semester	I	Year of Introduction: 2024-25 Year of Syllabus Revision: 2024-25	Maximum Marks	50
Mode of Transaction		Lectures	Minimum Marks	18

Course Outcome (CO)

CO1. To understand the significance of Art and Craft in Indian history and culture.

CO2. To recognize the different art forms and craft styles of India

CO3. To know the significance of Indian art and craft in contemporary society

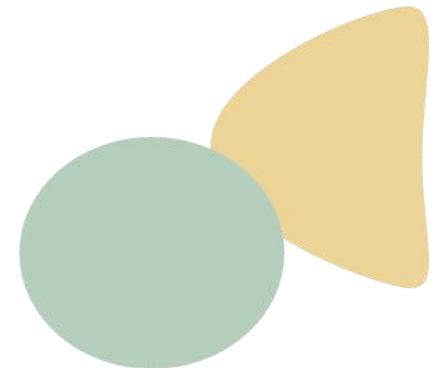
Unit No.	Topic	Contact Hours	Weightage (%)	BT Level	CO	PSO	Elements Emp/Ent/SD	Relevance to L/N/R/G	Relation to G/ES/HV/PE
I	Introduction to Indian Art and Craft a. Overview of Indian art and craft b. The role of art and craft in Indian society c. Historical development of Indian art and craft d. Influential factors in Indian art and craft	10h	35	1,2,3,4	CO1	PSO1, PSO4	SD	N	ES, HV
II	Understanding various Traditional Indian Art forms and Crafts a. Indian Paintings and Sculpture b. Indian Ceramics and Pottery c. Indian Textiles	10h	35	1,2,3,4	CO2	PSO1, PSO4	SD	L, N, R	ES, HV
III	Contemporary Indian Art and Crafts a. Current trends in Indian art and craft	10h	30	1,2,3,4	CO3	PSO1, PSO4	SD,EMP	L, N, R	ES, HV

	b. The significance of Contemporary art and crafts in Indian society								
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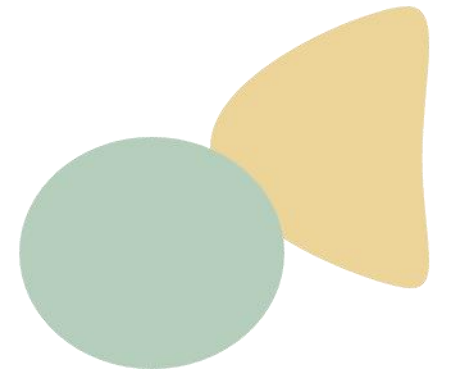
Suggestive Evaluation Methods: Theory test, Assignments, Market Survey, Presentation, Case Study


References

1.	Cristopher, T. (1990). <i>The History of Architecture in India: From The Dawn of Civilization to The End of the Raj</i> . New Delhi, Om Book Service.
2.	Jain, R., & Pandya, Y. (2015). <i>Crafts in Interior Architecture: India, 1990 Onwards</i> . SID Research Cell, School of Interior Design, CEPT University
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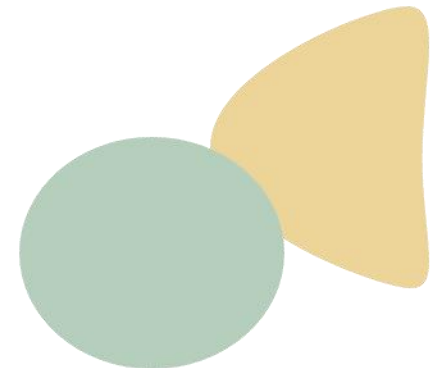


SEMESTER-II



 सत्यं शिवं सुन्दरम् Estd. 1949 Accredited Grade "A+" by NAAC		NAAC Accredited "A+" Grade Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda				Academic Year			2024-25			
B.Sc. F.C.Sc (Regular Programme- Interior Design) - Second Year – Level 5												
Year	II	IDM2004C Commercial Space Designing (Major)			Credits / Hours per week			4 (1+3) 7 Hr /week Theory: 15 Hrs				
Semester	II	Year of Introduction:2024-25 Year of Syllabus Revision:2024-25			Maximum Marks			100				
Mode of Transaction		Lectures			Minimum Marks			36				
Course Outcome (CO) CO1. To get an overview of Commercial Space Designing. CO2. To understand the Design Development process of Commercial Spaces. CO3. To learn about design considerations for various Commercial Spaces. CO4. To develop skills in Commercial Space Designing.												
Unit No.	Units				Contact Hours	Weightage (%)	BT Level	CO	PSO	Elements Emp/Ent/SD	Relevance to L/N/R/G	Relation to G/ES/HV/PE
I	Introduction to Commercial Space Designing a. Meaning and importance of Commercial Space Designing b. Types of Commercial Spaces based on activities/functional aspects.				2h	20	1,2	CO1	PSO 20	EMP, SD	G	HV, PE
II	Aspects of Design Development of Commercial Spaces 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. g. Design development process and presentation for commercial space design.				5h	40	1,2,4	CO2, CO4	PSO 20	EMP, SD	G	HV, PE

III	Design considerations for various commercial spaces (Human Factors, Spatial Aspects, Functional Requirements and Aesthetic Considerations) <ul style="list-style-type: none"> 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. 	8h	40	1,2,3,4	CO3, CO4	PSO 20	EMP, SD	G	HV, PE
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NAAC Accredited "A+" Grade
Faculty of Family and Community Sciences
The Maharaja Sayajirao University of Baroda

Academic Year

2024-25

B.Sc. F.C.Sc (Regular Programme- Interior Design) – Second Year – Level 5

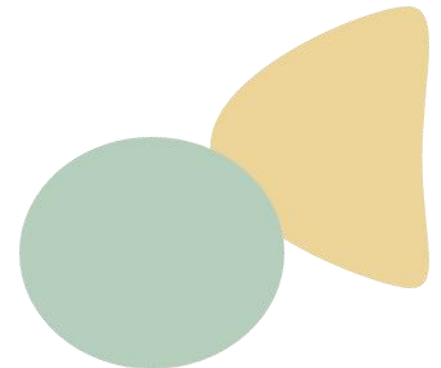
Year	II	IDM2004C Commercial Space Designing (Major)	Credits / Hours per week			4 (1+3) / 7 Hrs /week Practical: 90 Hrs				
Semester	II	Year of Introduction: 2024-25 Year of Syllabus Revision: 2024-25	Maximum Marks			100				
Mode of Transaction		Practical's	Minimum Marks			36				
No.	Practical		Contact Hours	Weightage (%)	BT Level	CO	PSO	Elements Emp/Ent/SD	Relevance to L/N/R/G	Relation to G/ES/HV/PE
I.	Identify various commercial spaces and observe design considerations for each according to human, spatial and functional needs.		6h	10	1,2,4	CO1, CO4	PSO 20	EMP, SD	G	HV, PE
II.	Conduct and present a case-study of a selected commercial design project.		6h	10	1,2,4,5	CO3, CO4	PSO 20	EMP, SD	G	PE
III.	Conduct market survey of furniture, lighting, equipment/appliance, furnishings, and accessories for commercial interior spaces.		4h	05	1,2	CO3, CO4	PSO 20	EMP, SD	N	PE
IV.	Designing of a selected office.		18h	20	1,2,3,4,6	CO3, CO4	PSO 20	EMP, SD	G	HV, PE
V.	Designing of a selected café/restaurant.		18h	20	1,2,3,4,6	CO3, CO4	PSO 20	EMP, SD	G	HV, PE
VI.	Designing of a selected retail outlet/ shop/ showroom/ salon/ boutique/ supermarket.		18h	20	1,2,3,4,6	CO3, CO4	PSO 20	EMP, SD	G	HV, PE
VII.	Preparing a model of a selected commercial space.		20h	15	1,2,3,4,5,6	CO3, CO4	PSO 20	EMP, SD	G	PE

Suggestive Evaluation Methods: Theory test, Drafting, Model Making, Assignments, Market Survey, Presentation, Case Study

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 <p>सत्यं विदुः शान्तिम् Est. 1949 Accredited Grade 'A+' by NAAC</p>	NAAC Accredited "A+" Grade Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda	Academic Year	2024-25
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B.Sc. F.C.Sc (Regular Programme- Interior Design) - Second Year – Level 5

Year	II	IDM2014C Building Materials (Major)	Credits / Hours per week	4 (4+0) 4 Hrs /week Theory: 60 Hrs
Semester	II	Year of Introduction:2024-25 Year of Syllabus Revision:2024-25	Maximum Marks	100
Mode of Transaction	Lectures	Minimum Marks	36	

Course Outcome (CO)

- CO1. To get an insight into building construction system and their components.
 CO2. To know the purpose and applications of materials and finishes used for building exterior.
 CO3. To know the purpose and applications of materials and finishes used for the construction, treatments and finishes of building interiors.
 CO4. To learn about the current material trends in Interior Designing.
 CO5. To develop understanding about Eco-friendly and Sustainable building Materials.

Unit No.	Units	Contact Hours	Weightage (%)	BT Level	CO	PSO	Elements Emp/Ent/SD	Relevance to L/N/R/G	Relation to G/ES/HV/PE
I	Introduction to Building Construction a. Components of Building Structural system i. Foundation ii. Super structure b. Types of Building Structure systems c. Materials used in Building construction	8h	15	1,2,3,4	CO1	PSO 19	SD	N, G	ES,PE
II	Constructional Features of a Building: Exterior 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	18h	30	1,2,3,4	CO2	PSO 19	SD	N, G	ES,PE

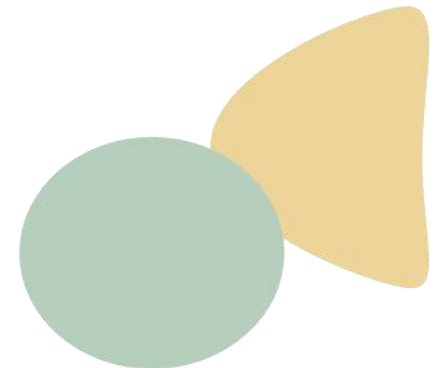
	f. Lintels and Arches: Types, Function g. Floor Slab and Roof: Function, Types								
III	Constructional Features of a Building: Interior a. Floor: Materials, Treatments and Finishes for Flooring b. Ceiling: Function, types c. Internal Partition wall: Types, Materials d. Stairways and Ramps: i. Materials of Components: Tread and Riser, Landing and Railing ii. Types of Staircases iii. Material and design Considerations for Ramps	18h	30	1,2,3,4	CO3	PSO 19	SD	N, G	ES,PE
IV	Current Trends in Building Materials a. New innovative materials in Interior Design. b. New trends in using Interior Design materials and their applications.	8h	15	1,2,3,4	CO4	PSO 19	SD	L,N,R,G	ES,PE
V	Eco-friendly and Sustainable materials a. Need and significance b. Types of Eco-friendly and Sustainable materials for Interior design	8h	10	1,2,3,4	CO5	PSO 19	SD	L,N,R,G	ES,PE

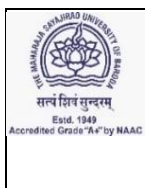
Suggestive Evaluation Methods: Theory test, Drafting, Model Making, Assignments, Market Survey, Presentation, Case Study

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 <p>सत्यं विदुः शान्तिम् Established 1949 Accredited Grade 'A' by NAAC</p>	NAAC Accredited "A+" Grade Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda	Academic Year	2024-25
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B.Sc. F.C.Sc (Regular Programme- Interior Design) - Second Year – Level 5

Year	II	IDM2024C Engineering Services in Interiors (Major)	Credits / Hours per week	4 (3+1) 5 Hrs /week Theory: 45 Hrs
Semester	II	Year of Introduction:2024-25 Year of Syllabus Revision:2024-25	Maximum Marks	100
Mode of Transaction		Lectures	Minimum Marks	36

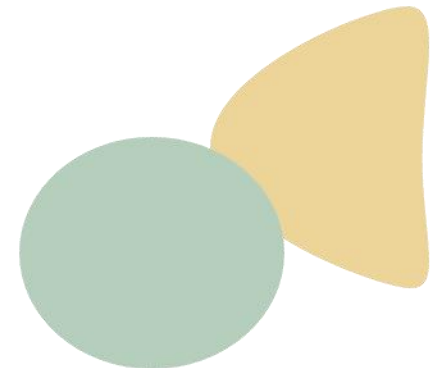
Course Outcome (CO)

- CO1. To learn about the types, purpose and functioning of Engineering Services related to Building Interiors
 CO2. To understand Plumbing system and its components in Building Interiors
 CO3. To understand layouts and execution of electrical and telecommunication systems in Building interiors
 CO4. To understand the concept of Heating, Ventilation and Air-conditioning
 CO5. To understand the need and application of Acoustics in Interior spaces
 CO6. To develop knowledge about Smart Interiors
 CO7. To gain insight into Lifts and Escalators, Fire protection system and Gas pipeline system as essential Engineering services

Unit No.	Units	Contact Hours	Weightage (%)	BT Level	CO	PSO	Elements Emp/Ent/SD	Relevance to L/N/R/G	Relation to G/ES/HV/PE
I	Introduction to Engineering Services in Interiors a. Purpose of Engineering Services b. Types of Engineering Services	2h	10	1,2	CO1	PSO 33	Emp	G	ES, PE

II	Plumbing system in buildings <ol style="list-style-type: none"> Water supply mechanism in buildings: Components of distribution system Fittings and fixtures for interior spaces (kitchen, bathrooms, toilets, utility, etc.) Drainage mechanism in buildings: Components of drainage network system Fittings and fixtures for interior spaces (kitchen, bathrooms, toilets, utility, etc.) 	7h	15	1,2	CO2	PSO 33	Emp	G	ES,PE
III	Electrical and Telecommunication systems in interiors. <ol style="list-style-type: none"> Electrical system: <ol style="list-style-type: none"> Electrical fixtures Distribution system and connections Installation in interior spaces Telecommunication systems: <ol style="list-style-type: none"> Gadgets, Devices, fixtures Network system and connections Application in interiors 	7h	15	1,2	CO3	PSO 33	Emp	G	ES,PE
IV	Heating, Ventilating and Air-conditioning (HVAC). <ol style="list-style-type: none"> Need for Heating, Ventilation and Air-conditioning. Principles for Heating, Ventilation and Air-conditioning. Types of Air-conditioning systems 	7h	15	1,2	CO4	PSO 33	Emp	G	ES,PE
V	Acoustics: Need and Application. <ol style="list-style-type: none"> Definition Significance of Acoustics in Interior spaces Properties of sound - sound waves, wave length, frequency, velocity, resonance, sound levels, loudness, noise, sound reflection, echoes, reverberation, Sound absorption Properties of acoustic materials Guidelines for good acoustical design. 	7h	15	1,2	CO5	PSO 33	Emp	G	ES,PE

VI	Smart Interiors: Home automation and security systems. <ol style="list-style-type: none"> Application and Advantages Understanding working of automation and security systems System hardware and Connections Assembly and setup 	7h	15	1,2	CO6	PSO 33	Emp	G	ES,PE
VII	Other Essential Building Services: <ol style="list-style-type: none"> Lifts and Escalators <ol style="list-style-type: none"> Lifts: Types and Parts, Carrying capacity, Placement and arrangement Escalators: Types and Parts, Carrying capacity, Inclination, Placement and arrangement Fire Protection Systems <ol style="list-style-type: none"> Definition, Meaning and Significance Materials and Equipment for Fire Safety Methods of Fire Protection 	8h	15	1,2	CO7	PSO 33	Emp	G	ES,PE





सत्यं शिषं सुन्दरम्
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The Maharaja Sayajirao University of Baroda

Academic Year

2024-25

B.Sc. F.C.Sc (Regular Programme- Interior Design) - Second Year – Level 5

Year	II	IDM2024C Engineering Services in Interiors (Major)	Credits / Hours per week			4 (3+1) / 5 Hrs/week Practical: 30 Hrs				
Semester	II	Year of Introduction: 2024-25 Year of Syllabus Revision: 2024-25	Maximum Marks			100				
Mode of Transaction		Practical's	Minimum Marks			36				
No.	Practical		Contact Hours	Weightage (%)	BT Level	CO	PSO	Elements Emp/Ent/SD	Relevance to L/N/R/G	Relation to G/ES/HV/PE
I.	Market Survey a. Collecting information about various types of building services b. Compiling the data for presentation		12h	40	1,2, 4	CO1	PSO 33	Emp	L, R	PE
II.	Visit an actual building site Observation and analysis of various building services installed.		6h	20	1,2	CO1	PSO 33	Emp	N	PE
III.	Learning to read and understand the technical layouts of building Services.		4h	40	1,2,3,4, 6	CO1, CO3	PSO 33	Emp, SD	G	PE
IV.	Referring and Creating drawings of an Interior space with electrical services.		8h	40	1,2,3,4, 6	CO1, CO3	PSO 33	Emp, SD	G	PE


Suggestive Evaluation Methods: Theory test, Drafting, Assignments, Market Survey, Presentation, Case Study

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 <p>सत्यं शिवं सुन्दरम् Estd. 1949 Accredited Grade "A+" by NAAC</p>		NAAC Accredited "A+" Grade Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda			Academic Year			2024-25			
B.Sc. F.C.Sc (Regular Programme- Interior Design) - Second Year – Level 5											
Year	II	FCE2004C Basics of Travel and Tourism (Minor)		Credits / Hours per week			4 (4+0) 4 Hrs. /week Theory: 60 Hrs.				
Semester	II	Year of Introduction:2024-25 Year of Syllabus Revision:2024-25		Maximum Marks			100				
Mode of Transaction		Lectures and Demonstrations		Minimum Marks			36				
Course Outcome (CO) CO1. To understand importance of Travel & Tourism Industry. CO2. To have an overview on Types of Tourism & its Infrastructure. CO3. To develop an understanding of Tourism Resources in India and functioning of various tourism organism.											
Unit No.	Units			Contact Hours	Weightag (%)	BT Level	CO	PSO	Elements Emp/Ent/S D	Relevance to L/N/R/G	Relation to G/ES/HV/PE
I.	Basics of Travel and Tourism 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 f. Developments in the History of Tourism in India – Post Independence - Modern Tourism			12h	20	1,2,	CO 1	PSO28	EMP ENT	L, N, R, G	PE
II.	Types of Tourism 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			12h	20	1,2,3	CO2	PSO 28	EMP ENT	L,N,R, G	PE

	g. Alternative Forms of Tourism								
III.	Tourism Infrastructure <ul style="list-style-type: none"> a. Accommodation b. Food & Beverage c. Attractions d. Telecommunications e. Essential Services and Other Services 	12h	20	1,2,3	CO2	PSO28	EMP ENT	L,N,R, G	PE
IV.	Tourism Resources in India <ul style="list-style-type: none"> a. Architectural Heritage b. Natural Tourism Resource-Monuments c. National Parks and Wild Life Sanctuaries d. Biosphere Reserve mountains e. Beaches, Islands and Back waters 	12h	20	1,2,3	CO3	PSO28	EMP ENT	L, N, R, G	PE
V.	Tourism Organizations <ul style="list-style-type: none"> a. Tourism organization b. International Organization c. Government Organizations in India d. Private Sector Organization in India e. Non-Government Organization and Other organization 	12h	20	1,2,3	CO3	PSO28	EMP ENT	L,N,R, G	PE

Suggestive Evaluation Methods: Theory test, Assignments, Presentation, Case Study

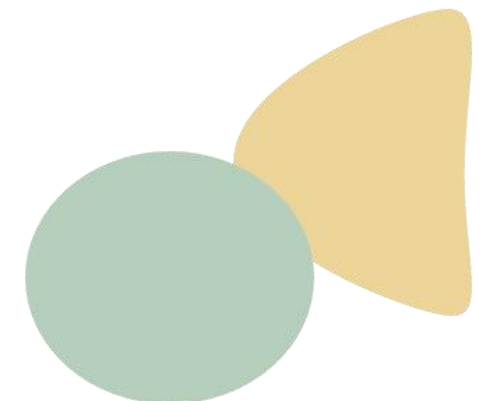
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		NAAC Accredited "A+" Grade Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda			Academic Year			2024-25			
B.Sc. F.C.Sc (Regular Programme- Interior Design) - Second Year – Level 5											
Year	II	SEC2224C Basics of Ergonomics (Skill Enhancement Course)		Credits / Hours per week		2 (1+1) / 3 Hrs/week Theory: 15 Hrs					
Semester	II	Year of Introduction: 2024-25 Year of Syllabus Revision: 2024-25		Maximum Marks		50					
Mode of Transaction		Lectures		Minimum Marks		18					
Course Outcome (CO) 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											
Unit No.	Units			Contact Hours	Weightage ()	BT Level	CO	PSO	Elements Emp/Ent/SD	Relevance to L/N/R/G	Relation to G/ES/HV/PE
I	Introduction to Ergonomics a. Meaning and Definition and History of Ergonomics b. Need and Significance of Ergonomics c. Principles and Domains of Ergonomics			6h	40	2	CO1	PSO16	Emp, SD	L, R, N, G	G, ES, HV, PE
II	Human factors and Anthropometry 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			6h	40	2,3,4,5,6	CO2, CO3	PSO16	Emp, SD	L, R, N, G	G, ES, HV, PE



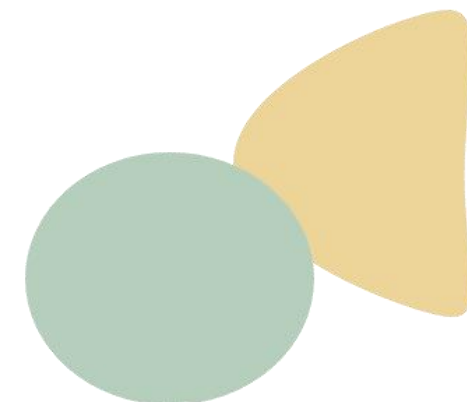
III	Environmental factors influencing human performance a. Physical Hazards and its control measures: Lighting and Illumination, Noise Level and Temperature and Humidity)	3h	20	2,3,5	CO3	PSO16	Emp, SD	L, R, N, G	G, ES, HV, P E
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		NAAC Accredited "A+" Grade Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda		Academic Year					2024-25			
B.Sc. F.C.Sc. (Regular Programme- Interior Design) - Second Year – Level 5												
Year		II	SEC2224C Basics of Ergonomics (Skill Enhancement Course)		Credits / Hours per week			4 (3+1) / 5 Hrs/week Practical: 30 Hrs				
Semester		II	Year of Introduction: 2024-25 Year of Syllabus Revision: 2024-25		Maximum Marks			100				
Mode of Transaction			Practical's		Minimum Marks			36				
No.	Practical				Contact Hours	Weightage (%)	BT Level	CO	PSO	Elements Emp/Ent/SD	Relevance to L/N/R/G	Relation to G/ES/HV/PE
I.	To calculate Body Mass Index by recording Body Height and Body Weight.				6h	20	2	CO1, CO2, CO3	PSO16	Emp, SD	L, R, N, G	G, ES, HV, PE
II.	To measure the basic Anthropometric Heights (Sitting and Standing)				6h	20	2,3	CO1, CO2, CO3	PSO16	Emp, SD	L, R, N, G	G, ES, HV, PE
III.	To assess the muscular stress with the help of a) Body map b) Flexi curve c) Grip dynamometer				6h	20	2,5	CO1, CO2, CO3	PSO16	Emp, SD	L, R, N, G	G, ES, HV, PE
IV.	To measure the Lighting levels in different areas: Residential and Commercial				6h	20	2,3,5	CO1, CO2, CO3	PSO16	Emp, SD	L, R, N, G	G, ES, HV, PE



V.	To measure the Noise levels in different areas: Residential and Commercial	6h	20	2,3,5	CO1, CO2, CO3	PSO16	Emp , SD	L, R, N, G	G, ES, HV, PE
Suggestive Evaluation Methods: Theory test, Assignments, Presentation, Case Study									
References									
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 <div>सत्यं शिवं सुन्दरम् Estd. 1949 Accredited Grade "A" by NAAC</div>		NAAC Accredited "A+" Grade Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda	Academic Year		2024-25					
B.Sc. F.C.Sc (Regular Programme- Interior Design) - Second Year – Level 5										
Year	II	VAC2214C Consumer in the Market (Value Added Course-II)	Credits / Hours per week				2 (2+0) 2 Hrs /week Theory: 30 Hrs			
Semester	II	Year of Introduction:2024-25 Year of Syllabus Revision:2024-25	Maximum Marks				50			
Mode of Transaction		Lectures and Demonstrations	Minimum Marks				18			
Course Outcome (CO) CO1. To become aware of marketing conditions and business cycles. CO2. To understand the role of consumer in the market through their choices. CO3. To become aware of the consumer problems in the market. CO4. To acquire awareness about consumer protective services and Redressal mechanism.										
Unit No.	Units		Contact Hours	Weightage (%)	BT Level	CO	PSO	Elements Emp/Ent/SD	Relevance to L/N/R/G	Relation to G/ES/HV/PE
I	Markets and Business Cycles 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 e. Phases of business cycle		12h	40	2,3,6	CO1	PSO6	EMP ENT	L, N, R, G	PE
II	Consumer Choices and Buying Problems 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		12h	40	2,3,6	CO2, CO3	PSO6	EMP ENT	L, N, R, G	PE

	d. Buying Problems: Adulteration, Faulty weights and measures, Misbranding, Misleading advertisements, Deceptive packaging and labelling								
III	Consumer Protection and Redressal 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	6h	20	2,3,6	CO4	PSO6	EMP ENT	L, N, R, G	PE

Suggestive Evaluation Methods: Theory test, Assignments, Market Survey, Presentation, Case Study

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B.Sc. F.C.Sc (Regular Programme- Interior Design) Second Year – Level 5

Year	II	Summer Internship/Apprenticeship	Credits / Hours per week	4 (0+4) Credits / 8 hrs
Semester	II	Year of Introduction: 2023-2024 Year of Syllabus Revision: -2024-25	Maximum Marks	100
Mode of Transaction	Summer Internship/Apprenticeship		Minimum Marks	36

Course Outcome (CO)

CO1. To get On Site Experiential Learning from recognized Institutions/Agency.

Unit No.	Units	Contact Hours	Weightage (%)	BT Level	CO	PSO	Elements Emp/Ent/SD	Relevance to L/N/R/G	Relation to G/ES/HV/PE
1.	Internship/ Apprenticeship of 30 days (8 hours per week) under any One of the following: a. Colour Consultancy Firms b. Firm of Architects, Interior Designer c. Furniture Shop, Kitchen Designer, Set Designer d. Student Internship Programmes offered by Universities e. Event Management Firms	100	60%	1,2,3,4,5 & 6	CO1	PSO22	EMP, ENT, SD	L	HV, PE
2.	To prepare the report and make presentation for final evaluation (Certificate to be provided by the Institution/Agency)	20	40%	1,2,3,4,5 & 6	CO1	PSO22	EMP, ENT, SD	L	HV, PE

Suggestive Evaluation Methods: Practical work, VIVA, Presentation