

Bloom's Taxonomy Levels:

1. Remember 2. Understand 3. Application 4. Analysis 5. Evaluation 6. Creation

Programme Name: M.Sc. F.C.Sc. Hospitality and Resource Management

Programme Specific Outcome (PSO)

- PSO:1 To develop research competencies and learn the scientific process of writing Research Reports.
- PSO:2 To develop ability for managing Events and understanding Family Economics and Finance Management.
- PSO:3 To provide training and exposure to Research problems through Project and Dissertation.
- PSO:4 To develop ability in Planning, Executing and Evaluating Community Outreach Programs.
- PSO:5 To develop competencies for managing Human and Non-human Resources.
- PSO:6 To get familiar with current Trends of Travel and Tourism Business and to learn fundamentals of Travel Agencies and Tour Operation Management.
- PSO:7 To get acquainted with qualities of good Leadership and to develop Effective Communications, Stress and Conflict Management Skills for Human Resource. Management in Professional Work Environment.
- PSO:8 To acquire skills in Strategic Management in Ticketing and Cargo Management.
- PSO:9 To develop Professional Skills in Destination Management and Marketing.
- PSO:10 To get acquainted with the basic concept related to Food Safety Management in Hospitality and Catering Industry
- PSO:11 To acquire knowledge regarding Food and Beverage Services Outlets, Front Office and Housekeeping Operations.
- PSO:12 To develop skills essential for Professional Management practices in Hospitality Industry for improving Human Resource Performances.
- PSO:13 To get hands on experience regarding operations carried out in various department of Hospitality Industry.
- PSO:14 To understand the process of Event Management with Legal and Ethical Issues.

**COURSE STRUCTURE M.Sc. IN F.C.R.M. DEPARTMENT
HOSPITALITY AND RESOURCE MANAGEMENT SPECIALIZATION**

Course Code	Course Title	Credits
First Year - Semester I		
STA 2127C01	Statistics for Research	03 (3+0)
FCR 2105C01	Research Methodologies	03 (3+0)
FCR 2106C02	Theory of Resource Management	03 (3+0)
FCR 2107C03	Family Economics and Finance Management	02(2+0)
HRM 2105C04	Travel Agency and Tour Operation Management	03 (1+2)
HRM 2106C05	Professional Image Building	03 (1+2)
TOTAL		17
First Year - Semester II		
HRM 2209C07	Tourism Destination Management and Marketing	04 (2+2)
HRM 2206C08	Advanced Front Office Operations	03 (2+1)
HRM 2207C09	Ergonomics in Hospitality Industry	03 (2+1)
HRM 2208C10	Food Safety Management in Hospitality and Catering Industry	03 (2+1)
HRM 2210F01	Advanced Event Management	04 (1+3)
CBCS		
FCR 2207I04	Trends in Interior Design	2 (2+0)
TOTAL		19
Second Year - Semester I		
FCR 2307C01	Extension in Resource Management	02 (0+2)
HRM2305C02	Food and Beverage Operations	03 (2+1)
HRM2306C03	Professional Management Practices in Hospitality Industry	03 (3+0)
HRM2309F02	Internship in Hospitality Management Industry	06 (0+6)
HRM2306C03	Advanced Housekeeping Operations	03 (2+1)
CBCS		
FCR 2308I03	Event Management	2 (2+0)
TOTAL		19
Second Year – Semester II		
FCR 2404C01	Seminar	02 (0+2)
FCR 2406C03	Dissertation	15 (0+15)
TOTAL		17
TOTAL		72

**DEPARTMENT OF FAMILY AND COMMUNITY
RESOURCE MANAGEMENT**

M.Sc. PROGRAMME

COURSE OUTLINES

**HOSPITALITY AND RESOURCE
MANAGEMENT**

FIRST YEAR

SEMESTER I

 सत्यं शिवं सुन्दरम् Estd 1949	NAAC Accredited “A” Grade Department of Family and Community Resource Management Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda		Academic Year		2023-24					
M.Sc. (FCRM): Regular Programme										
Year	I	Core / ~~Elective~~ / Foundation FCR2105C01 Research Methodologies (Theory)		Credits / Hours per week			(03+00) Credits /3 hrs			
Semester	I	Year of Introduction: 2020 Year of Syllabus Revision:		Maximum Marks / Grade			100			
Mode of Transaction		Lectures								
Course Outcome (CO) FCR CO1. To Understand the Significance of Statistics and Research Methodology in Home Science Research. CO2 To Understand the Types, Tools and Methods of Research and develop the ability to construct data gathering instruments appropriate to the Research Design. CO3. To be able to Understand Importance of Writing Scientifically CO4. To develop Competency in Writing and Abstracting Skills. CO5. To develop skill in writing a Research Proposal. CO6. To Understand Appropriate Statistical Techniques for data analysis.										
Unit No.	Topic		Contact Hours	Weightage (%)	BT Level	CO	PSO	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)
UNIT- I	Definition and identification of a Research problem		12	25	2,3,5	CO2	PSO 1,3	SD	L/N /G	PE
	a.	Selection of Research Problem								
	b.	Justification								

	c. Theory, Hypothesis, Basic Assumptions, Limitations and Delimitation of the Problem								
UNIT- II	Types of Research, Variables, Research Design	12	25	2,3,5	CO2				
UNIT-III	Basic principles of Research Design								
	a. Purposes of Research Design: Fundamental, Applied And Action Exploratory and Descriptive Experimental, Survey And Case, Ex- Post Facto. i. Informal Group Discussions ii. Interviews: key informants, in-depth Interviews iii. Observations iv. Social mapping v. Participatory Learning Assessment vi. Data Gathering Instrument vii. Scales of Measurement and the appropriate Statistical Techniques	12	25	2,3,5	CO2				
UNIT-IV	a. Scientific writing as a Means of Communication. Different forms of Scientific Writing Articles in Journals, Research notes and Reports, Review articles, Monographs, Dissertations, Bibliographies b. Drafting Titles, Sub Titles, Tables, Illustrations. Tables as systematic means of presenting data in rows and columns and lucid way of indicating relationships and results. Formatting Tables: Title, Body tab, Stab Column, Column Head, Snapper Head, and Box Head. Appendices: Use and Guidelines c. Parts of Dissertation/Research report/Article 1. Introduction 2. Review of Literature	12	25	2,3,5	CO1 CO5				

	3. Method								
	4. Results and Discussion								
References									
1.	Kothari C. R. and Garg G., (2014) <i>Research Methodology: Methods and Techniques</i> . (3 rd Ed.), New Delhi, New Age International (P.) Ltd. Publishers.								
2.	Bandarkar. Wilkinson. (2000). <i>Methodology and Techniques of Social Research</i> . Mumbai: Himalaya Publishing House.								
3.	Dooley. (1995). <i>Strategies for Interpreting Qualitative Data</i> . California: Sage Publications.								
4.	Thyer, B.A. (1994). <i>Successful Publishing in Scholarly Journals</i> , California: Sage Publication.								
5.	Dunn, F.V. & others. (Ed.) (1994). <i>Disseminating Research: Changing Practice</i> , New York: Sage Publication.								
6.	Syemberg, R.J. (1991). <i>The Psychologist's Companion: A Guide to Scientific Writing for Students & Researcher</i> , Cambridge: CUP.								
7.	Bhatnagar. (1990). <i>Research Methods and Measurements in Behavioural and Social Sciences</i> . New Delhi: Agri. Cole Publishing Academy.								
8.	Stranss. A and Corbi. J, (1990). <i>Basis of Qualitative Research: Gorunded Theory Procedures and Techniques</i> . California: Sage Publications.								
9.	Cooper, H.M. (1990). <i>Integrating Research: A Guide for Literature Reviews</i> , (2 nd Ed.) California, Sage Publication.								
10.	Richardson, L. (1990). <i>Writing Strategies. Reaching Diverse Audience</i> , California: Sage Publication.								
11.	Wolcott, H.F. (1990). <i>Writing up Qualitative Research</i> , Newbury Park: Sage Publication.								
12.	Mukherjee. (1989). <i>The Quality of Life: Valuation in Social Research</i> . New Delhi: Sage Publications								
13.	Locke, L.K. and others (1987): <i>Proposals the Work: A Guide for Planning Dissertations & Grant Proposals</i> (2 nd Ed.) Beverly Hills: Sage Publication.								
14.	Best. John. W. and Kahn, James V., (1986) <i>Research in Education</i> . (5 th Ed). New								
15.	Delhi: Prentice-Hall of India Pvt. Ltd.								
16.	Kothari C. R., (1984). <i>Quantitative Techniques</i> . (2 nd Ed.). New Delhi: Vikas Publishing House Pvt. Ltd.								
17.	APA (1984). <i>Publication Manual of American Psychological Association</i> (3 rd Ed.), Washignton: APA.								
18.	Gay. (1981). <i>Educational Research</i> (2nd ed.). Ohio: Columbus.								
19.	Mullins, C.J. (1977). <i>A Guide to Writing and Publishing in Social and Behavioral Sciences</i> , New York: John Wiley & Sons.								
20.	Harman, E &Montages, I. (Eds.) (1970). <i>The Thesis and the Book</i> , New Delhi: Vistaar.								

 सत्यं शिवं सुन्दरम् Estd 1949	NAAC Accredited “A” Grade Department of Family and Community Resource Management Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda					Academic Year		2023-24			
M.Sc. (FCRM): Regular Programme											
Year	I	Core / ~~Elective~~ / Foundation FCR 2106C02 Theory of Resource Management (Theory)			Credits / Hours per week			(03+00) Credits /3 hrs			
Semester	I	Year of Introduction: 2020 Year of Syllabus Revision:			Maximum Marks / Grade			100			
Mode of Transaction		Lectures									
Course Outcome (CO) FCR CO1.To becomes aware of the History and Development of the field of Management. CO2. To understand the current Development and Contributions to the theory of Home Management.											
Unit No.	Topic			Contact Hours	Weightage (%)	BT Level	CO	PSO	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)
UNIT- I	1. Historical perspective of Home Management as a field of study a) In U.S.A. and other Countries b) In India 2. Interdisciplinary nature of Home Management, Contribution of Business Management, Behavioral Sciences, Farm Management. 3.Philosophy of Home Management and its Role in Home Science Education			9	20	1,2	CO1	PSO 5, 12	Emp, Ent, SD	L/N/G	PE

	4. Scope of Research in Family and Community Resource Management								
UNIT- II	1. Systems Approach to the Home Management a. Need for selecting Systems Approach to the study of Home Management b. Definitions of system and relevant concepts. c. Systems approach to management as suggested by various authors viz. I) Gross, Crandall and Knoll, II) Nickell, Rice and Tucker. d. Components of Management sub-systems: their location and function. 3. Inter-relationship of concepts in Management. 2. Developing Resources in the Family a) By defining b) By characteristics c) Utility, 2) Accessibility, 3) Inter changeability 4) Manageability 3. Factors affecting the use of Human resource a. Motivation b. Capacity c. Philosophy d. Family Heritage e. Resource Quality and Combination f. Life Factors g. Goals h. Media i. The Female labor force	19	40	1,2	CO2				

	j. Income and other Economic Factors k. Mental Health l. Fertility 4. Assessing Resource: Classification of Resources								
UNIT - III	Developing human resources for Management a. Through a Motivation Oriented Approach b. Through Formal and Informal Education	10	20	1,2,3	CO2				
UNIT - IV	How to increase satisfaction from human resources a. Nature of Human Resource b. Principles of Human Resource Development c. Investment in Human Capital d. Managing Human Resources.	10	20	1,2,3	CO2				
References									
1.	Koontz, H., and O'Donnell, C. (1981) <i>Principles of Management</i> . New York: McGraw Hill Book Co.								
2.	Nickell. P., Rice. A., and Tucker, (1976) <i>Management in Family Living</i> , New York: John Willey and Sons.								
3.	Deacon. R., and Firebough, F. (1975) <i>Home Management, context and concepts</i> , Houghton Mifflon Company.								
4.	Gross, I., Crandall, E and Knoll, (1973) <i>M., Management for Modern Families</i> . New York: Apleton Century crofts.,								

 THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA सत्यं जितं सुन्दरम् Estd 1949		NAAC Accredited “A” Grade Department of Family and Community Resource Management Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda					Academic Year		2023-24		
M.Sc. (FCRM): Regular Programme											
Year	I	Core / ~~Elective~~ / ~~Foundation~~ FCR 2107C03 Family Economics and Finance Management (Theory)			Credits / Hours per week			(02+00) Credits / 2 hrs			
Semester	I	Year of Introduction: 2020 Year of Syllabus Revision:			Maximum Marks / Grade			100			
Mode of Transaction		Lectures									
Course Outcome (CO) FCR CO1.To become aware of basic concepts of Family economics. CO2. To become aware of the aspects of Financial Management viz; Savings, Investments, Credit and Tax Planning. CO3. To understand Fundamentals of Record keeping and Accounting.											
Unit No.	Topic			Contact Hours	Weightage (%)	BT Level	CO	PSO	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)
UNIT- I	Basic Concepts of Family Economics 1. National income 2. Standard of living, Plane of Living, Cost of living 3. Free Goods and Services 4. Types of Family Income			2	10	1,2	CO1	PSO2	EMP ENT	L/N/G	HV, PE
UNIT- II	Family saving, Investments, Credit and tax planning 1. Family Saving			20	60	1,2,3	CO2				

	a) Saving of Household Segments- its importance to Economic Growth. b) Budgeting c) Record Keeping d) Accounting 2. Investments a) Points to consider in making Investments b) Types of investment opportunities in India 3. Credit a) Need for Credit b) Sources and types of Credits c) Guides to the wise use of Credit 4. Tax Planning a) Types of Taxes b) Principles and procedures of Income Tax c) Preparation of statement of Income, Income Tax, and Filling of Income Tax in case of Returns d) Individuals (Salaried Class) 5. Organization a) Non- profit Organization b) Knowledge of various exemptions and deductions									
UNIT-III	Record keeping and Accounting Fundamental principles of accounting a) Income and Expenditure Accounts c) Revenue and capital items of Expenditure c) Balance sheet.	10	30	1,2,3	CO3					
References										

1.	Agrawal, A.N. & Agrawal, M.K. (2019). <i>Indian Economy: Developmental Problems & Policies</i> . (43 rd Edition). New Delhi: New Age International (P) Ltd. Publishers.
2.	Anand, D.K. (2019). <i>Finance for Everyone</i> . New Delhi: Vikas Publishing House Pvt. Ltd.
3.	Chandra, P. (2018). <i>Financial Management: Theory & Practice</i> . (9 th Edition). Chennai: McGraw Hill Education India Pvt Ltd.
4.	Datt G. and Mahajan A. (2016). <i>Indian Economy</i> . (72nd Ed.). New Delhi: S. Chand Publisher
5.	Gandotra, G. and Shukul, M. (2006). <i>Home Management and Family Finance</i> . Delhi: Dominant Publishers and Distributors,
6.	Goel, S. (2018). <i>Finance for Non-Finance People</i> . London & New York. Routledge
7.	Gordan, L. (1953). <i>Economics for Consumers</i> , New York: American Book Company,
8.	Mankiw, N.G. & Taylor, M.P. (2017). <i>Economics</i> . (4th Edition). Delhi. Cengage Learning India Pvt. Ltd.
9.	Menchik, P.L (1996) <i>Household and Family Economics</i> . New York: Springer.
10.	Pottayil V (2017). <i>What Every Indian Should Know before Investing</i> . Mumbai: Rashmi Graphics.
11.	Rama Gopal, C. (2017). <i>Financial Management</i> . New Delhi: New Age International (P) Ltd. Publishers.
12.	Reddy, J. (2019). <i>Financial Management</i> . New Delhi. APH Publishing Corporation
13.	Sinha, M. (2017). <i>Financial Planning</i> . (2nd Edition). Chennai: McGraw Hill Education India Pvt Ltd.
14.	Srivastava, R.M. (1996). <i>Management of Indian Financial Institutions</i> . Bombay Himalaya Publishing House.

 सत्यं शिवं सुन्दरम् Estd 1949	NAAC Accredited “A” Grade Department of Family and CommunityResource Management Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda					Academic Year		2023-24				
M. Sc. (F.C.Sc.) FCRM – Hospitality and Resource Management												
Year	I	~~CORE/ELECTIVE/FOUNDATION~~ HRM 2105C04 Travel Agency and Tour Operation Management			Credits / Hours per week			03(1+2) Credits /5 hrs				
Semester	I	Year of Introduction: 2020 Year of Syllabus Revision: 2021			Maximum Marks / Grade			100				
Mode of Transaction		Lectures and Tutorials										
Course Outcome (CO) HRM CO1 To obtain skills of handling Travel Agency and Tour Operation. CO2 To gain knowledge of Itinerary planning principles and Tour Costing Strategies. CO3 To get familiarize with tour handling, Tickets Issuance and Travel documents procedures. CO4 To get acquainted with Managerial knowledge and Skills required for working in Travel Agencies. CO5 To get familiarize with Rules and Regulation for VISA, Custom Clearance, Emigration and Immigration and other formalities CO6To gain knowledge of Associations and Organizations promoting Tour Operators.												
Unit No.	Topic				Contact Hours	Weightage (%)	BT Level	CO	PSO	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)
Unit –I	Basics of Travel Agency and Tour Operation 1. Historical Perspectives of Travel Agency and Tour Operation Management 2. Definition, Concept and types of Travel Agent and Tour Operator				4	5	1,2	CO1	PSO6	EMPENT	L/N/R	PE

	Changing Scenario of Travel Agency and Tour 3. Operations								
Unit –II	Setting Up Travel Agency and Tour Operation Business 1. Functions of Travel Agency and Tour Operator 2. Setting up of Travel Agency - Proprietorship, Partnership, Private Limited and Limited. 3. Procedures and Rules of Government, IATA, IATO and different other Organizations for approval and Accreditation of Travel Agency. 4. Services offered by Travel Agency 5. Sources of Income in Travel Agency and Tour Operation Business Associations and Organizations promoting Tour Operators: IATO, TAAI, ASTA, WATA, PATA, FHRAI, UFTA	4	5	1,2,3	CO3				
Unit –III	Itinerary Planning and Tour Costing 1. Definition and Concepts of Itinerary Planning and Tour Costing 2. Resources for Itinerary Planning 3. Components and Classifications Of Tour Packages 4. Tour Formulation and Designing Process 5. Important Considerations for Preparing Tour Itinerary 6. Components of Tour Costing And Preparation of Cost Sheet 7. Tour Pricing and Pricing Strategies Package Tours of Thomas Cook, SOTC, Cox & Kings and TCI	4	10	2,3	CO2				
Unit –IV	Travel Formalities and Regulations 1. Types of Passport and Formalities 2. Types of Visa and Formalities 3. Health Regulations for International Travel, Special Permits for Restricted Areas 4. Rules and Regulation for Customs Clearance, Emigration and Immigration 5. Travel Insurances Recent Tourism Policy of India and Guidelines for Travel Agents and Tour Operators in India	4	10	1,2	CO5				

No.	Practical	Contact Hours/ Weightage	Course Code	BT Level	CO	PSO
1.	Visit to an approved Travel Agency in the city and studying different Department and their functions	48 hours/ 70 %		1,2,3	CO4	PSO6
2.	Visit to various types of Tour Operators in the city.			2	CO4	
3.	Visit to Passport Office and learning the Procedure of applying for Passport, filling up the Passport application form and preparing a list of documents required along with Passport Application Form.			1,2,3	CO3 CO4	
4.	Acquaint with the procedure for applying Passport and Visa			1,2,3	CO3	
5.	Acquaint with VISA requirement for various popular destination.			1,2	CO5	
6.	Acquaint with the procedure for filling up Custom Declaration Form.			1,2	CO5	
7.	Acquaint with the procedure for Filling Arrival and Departure Forms			1,2	CO3	
8.	Acquaint with the procedure for filling Travel Insurance Form			1,2	CO3	
9.	Itinerary Planning and Preparing Brochures for Marketing.			1,2	CO2	
10.	Methods of Tour Costing and Preparation of Cost Sheet			1,2	CO6	
11.	Acquaint with Reservation and Cancellation Procedures for Tour related services Like Hotels, Airlines, Cruise Liners, Car Rentals and Rail Travel.			1,2,3	CO6	
12.	Acquaint with GDS and CSR Regulatory Issues.			1,2,3	CO6	
13.	Prepare an Itinerary with cost estimation for educational trip for UG and PG students of Department FCRM			1,2,3	CO6	
References						
1.	Holland, J. (2017). <i>Tour operators and operations</i> . United Kingdom, CABI Publications.					
2.	Holloury, C. (2016). <i>Business of Tourism</i> . United Kingdom, Pearson Publication					
3.	Syratt and Archer. (2003). <i>Manual of Travel Agency Practice</i> . United Kingdom, Elsevier Ltd.					
4.	Chand, M. (2002). <i>Travel Agency Management</i> . Bengluru, India Anmol Publications Pvt. Ltd.					
5.	Negi, J.M.S. (1997). <i>Travel Agency and Tour Operation: Concepts and Principals</i> . New Delhi, Kanishka Publication.					
6.	D.L. Foster. (1993). <i>The Business of Travel Agency Operations and Management</i> . Singapore, McGraw-Hill.					
7.	Chunk, J., Dexter &Boberg. (1990). <i>Professional Travel Agency Management</i> . New York, Prentice Hall Publication					

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M. Sc. (F.C.Sc.) FCRM – Hospitality and Resource Management											
Year	I	Core / ~~Elective / Foundation~~ HRM2106C05 Professional Image Building				Credits / Hours per week		03 (01+02) Credits /5 hrs			
Semester	I	Year of Introduction: 2020 Year of Syllabus Revision: 2021				Maximum Marks / Grade		100			
Mode of Transaction		Lectures									
Course Outcome (CO) FCR											
CO1. To learn basic rules, underlying Communication in various forms including Speaking, Writing & Listening.											
CO2. To understand the Importance of Effective Leadership Skills and management of Interpersonal Relationship.											
CO3. To learn the causes and remedies of Stress and Conflict Management.											
CO4. To Understand the importance of Personal and Professional etiquettes											
CO5. Table manners and etiquettes at workplace											
Unit No.	Topic			Contact Hours	Weightage (%)	BT Level	CO	PSO	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)

UNIT- I	Communication and performance Appraisal a) Introduction to Communication, Listening, Barriers of Communication, How to overcome barriers of communication b) Performance Appraisal, Methods of improving techniques of Performance Appraisal Vertical Appraisal, Horizontal Appraisal, 360°	6	10	2,3	CO1	PSO2	ENT, EMP, SD	L,N,R,G	HV,PE
UNIT -II	Leadershipand Interpersonal relationship a)Introduction to leadership, Leadership power, styles, corporate grooming and etiquettes b)Analysis of different ego states, Analysis of transactions, Analysis of strokes, Analysis of life positions	5	10	2,3	CO2				
UNIT -III	Stress Management & Conflict Management a) Introduction to stress, Causes, Impact and managing stress b) Introduction to conflict, causes and management of conflict c) Motivation-Introduction to motivation, relevance & types of motivation, motivating subordinates and analysis of motivation	5	10	2,3,4	CO3				
Practical's									
Sr.No.	Practical	Contact Hrs. (Weightage)			Course Code	BT Level	CO	PSO	
1.	Understanding the importance of Personal grooming and etiquettes - Dressing styles, Makeup and hairstyles - Personal hygiene	48 (70%)				2,3	CO4	PSO7	

2.	Learning about Professional etiquettes Presentation skills, Meeting and greeting people, Introducing oneself, Dress code, Shaking hands appropriately, Table manners			2,3	CO4	
3.	Use of Effective communication at workplace Written communication (preparing e-mail, Curriculum Vitae and letter writing)			1,2,3	CO1	
4.	Preparing a role play for a simulated situation for barriers of communication			1,2,3	CO1	
5.	Communication Etiquettes Posture, verbal manners, word choice and tone of voice, avoiding distracting behaviours, Gestures, Facial expressions and Proxemics			1,2,3	CO1	
6.	Social media Etiquettes and behavior					
7.	Preparing a role play for a simulated situation- Performance Appraisal			1,2	CO1	
8.	Preparing a role play for a simulated situation- Interpersonal skills			2,3	CO2	
9.	Preparing a role play for a simulated situation -Conflict management skills			2,3,4	CO2	
10.	Preparing a role play for a simulated situation -Stress Management			2,3,4	CO2	
References						
1.	Bacon, T. Interpersonal and interactive skills Lare Institute.					
2.	Bento .R. & Blank R. Understanding the dynamics of typical people					
3.	Hargie, O. (2006) The Handbook of Communication skills (3rd ed). London, New York.					
4.	Qurnk . N. L in the GRIP (2000) Understanding type stress and inferior function CPP.					

**DEPARTMENT OF FAMILY AND COMMUNITY
RESOURCE MANAGEMENT**

M.Sc. PROGRAMME

COURSE OUTLINES

**HOSPITALITY AND RESOURCE
MANAGEMENT**

**FIRST YEAR
SEMESTER II**

 सत्यं शिवं सुन्दरम् Estd 1949	NAAC Accredited “A” Grade Department of Family and Community Resource Management Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda					Academic Year		2023-24			
M. Sc. (F.C.Sc.) FCRM – Hospitality and Resource Management											
Year	I	CORE/ELECTIVE/FOUNDATION HRM 2209C07 Tourism Destination Management and Marketing		Credits / Hours per week			4 (2 + 2) Credits/ 6hrs				
Semester	II	Year of Introduction: 2020 Year of Syllabus Revision: 2021		Maximum Marks / Grade			100				
Mode of Transaction		Lectures and Tutorials									
Course Outcome (CO) HRM CO1 To understand the importance of Planning and Management of Tourism Destinations. CO2 To gain knowledge about the Planning Process and Phases of Development in Tourism Destinations. CO3 To increase awareness about Branding and Marketing process of Tourist Destination. CO4 To understand the Environment, Socio-Cultural and Political impacts due to Tourism Destination Development.											
Unit No.	Topic			Contact Hours	Weight age (%)	BT Level	CO	PSO	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)

UNIT -I	Destination Management and Marketing 1. Tourist Destination Concepts, Components, Scope and Significance 2. Components of successful Destinations. 3. Stakeholders involved in Destination Management. 4. Visitors and Traffic Management at Destination 5. Mediation and Interpretation Method 6. Destination Life cycle and Tourism Area Life cycle.	7	1 5	1,2	CO1	PSO9	EMP ENT SD	L/R/G	ES PE
UNIT -II	Destination Planning and Development 1. Need for Tourism Planning 2. Types, Stages and Process of Destination Planning. 3. Principles of Destination Development 4. Project Feasibility Study & Cost Benefit Analysis. 5. Destination Visioning and Planning 6. Product development Strategy Models, Development of Packages and Destination. 7. Sustainable Destination development and its benefits	7	15	1,2	CO2				
UNIT -III	Tourist Destination Branding and Marketing 1. Definitions, Concept and Need for Tourism Destination Branding and Marketing and Principles of Destination Marketing 2. Challenges, features and functions of destination branding. 3. Basis of tourist Market Segmentation 4. Marketing Mix for Tourism destination 5. Developing Destination Promotional strategy, Evaluation and Control.	5	10	1,2	CO3				
UNIT -IV	Impacts of Tourism Destination Development 1. Economic and Environmental impacts 2. Socio-Cultural and Political Impact 3. Carrying Capacity– Factors affecting	5	10	1,2	CO4				

	Carrying Capacity.							
Practical's								
No.	Practical	Contact Hours/ Weightage	Course Code	BT Level	CO	PSO		
1.	Visit to Tourist Destination of the city	48 Hours/ (50%)		1,2	1	PSO6		
2.	Acquaint with Principles of the “lifecycle of Destinations.”			1,2	1,2			
3.	Application of PEST Assessment Tools to get comprehensive view of the current situation of potential, Destination and its future prospective of improvement.			1,2,3	1,2			
4.	Application of SWOT Assessment Tools to get comprehensive view of the current situation of potentialDestination and its future prospective of improvement.							
5.	Preparation of Community Attitude Checklist towards potential Tourism Destination and its level of engagement.			1,2,3	1,2			
6.	Preparation of checklist of Potential Tourism Subsector like: (a) Accommodations (b) Transport (c) Attractions			1,2,3	3			
7.	Planning Activities for economic development of destination.			1,2	1			
8.	Steps in developing infrastructure planning chart for prospective destination.			1,2	1,2			
9.	Development of Guided Tours and Methods of Interpretations for various Destination.			1,2	1,2			
10.	Development of Visitor Management plan of prospective Destination.			1,2	1,2,3			
11.	Development of destination security analysis checklist for safety and security of Tourist.			1,2,3	1,2,3			
12.	Development of Tourism Supply Inventory chart like accommodation inventory for prospective destination.			1,2	2,3			
13.	Development of Tourism Supply Inventory chart like tour operator inventory for prospective destination.							
14.	Development of Tourism Supply Inventory chart like attraction inventory for prospective destination.							
References								
1.	Sharma, J. K. (2016). <i>Tourism Planning and Development (A New Perspective)</i> . New Delhi, Kanishka Publisher							
2.	Prasad, L. M. (2015). <i>Principles and Practices of Management</i> . New Delhi, Sultan Chand & Sons Publications							
3.	Murphy, P.E. (2013). <i>Tourism- A Community Approach</i> . New York, Routledge Publishers.							
4.	Kamra, K. K. (2001). <i>Managing Tourism Destination</i> . New Delhi, Kanishka Publishers							
5.	Baud and Lawson. (1997) <i>Tourism and Recreation Development</i> . Boston, UK, Architectural Press, CBI Pub. Co							
6.	Seth, P.N. (1997) <i>Successful Tourism Planning Management</i> . New Delhi.Cross publication							
7.	Laws, E. (1995). <i>Tourist Destination Management: Issues, Analysis, and Policies</i> . New Delhi, India. Taylor & Francis Group.							
8.	Javid, A. (1990) <i>Tourism Management in India</i> . New Delhi. Ashish Publications							
9.	Leonard, J. (1991). <i>Tourism Destination Policies and Perspectives</i> . United Kingdom. CABI Longman Group UK Limited							
10.	Kaul, R.N. (1985). <i>Dynamic of Tourism- A Trilogy</i> . New Delhi. Sterling Publishers							

	The Maharaja Sayajirao University of Baroda Faculty of Family and Community Sciences Department of Family and Community Resource Management				Academic Year			2023-24			
M. Sc. (F.C.Sc.) FCRM – Hospitality and Resource Management											
Year	I	Core / Elective / Foundation HRM 2210F01 Advanced Event Management			Credits / Hours per week			4 (1+3) /7 Hours			
Semester	II	Year of Introduction: 2020 Year of Syllabus Revision: 2021			Maximum Marks / Grade			100			
Mode of Transaction		Lectures									
Course Outcome (CO) FCR											
CO1 To understand the essentials of planning various Types of Events.											
CO2 To get acquainted with practical aspects of Organizing Events.											
CO3 To learn the Organizational and Financial aspects in Event Management.											
CO4 To study the significance of Event Marketing											
Unit No.	Topic			Contact Hours	Weightage (%)	BT Level	CO	PSO	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)
1	Essentials of Planning an Event a) Event Coordination b) Planning, Concept, Nature and Practices in Event Management c) Organizing and planning events d) Customer Relationship Management e) Starting and Managing Event Business	12	25	1,2	CO1	8,9		LN,R,G	PE
2	Practical Aspects of Organizing Events a) Site Management b) Selection c) Planning and Development d) Infrastructure Management e) Management of Logistics f) Crowd Management g) Attendee Care and Comfort h) Risk Preparedness	12	25	2, 3, 4	CO2		EMP ENT SD		
3	Organizational and Financial Aspects in Event Management a) Organizing Events b) Planning Check lists c) Organizing Parties d) Financial Management e) Raising Funds f) Investment g) Fund Flow Management h) Working Capital Decisions i) Pricing Strategies	12	25	1,3,2,3,4	CO1		EMP,ENT SD		
4	Event Marketing a) Introduction to Event Marketing: Nature, Need and Importance. b) Marketing of Event: Event Marketing Mix. c) Market Research for Event Marketing	12	25		CO4		EMP ENT SD		

No.	Practical's	Contact Hours (Weight age)	BT Level	CO	PSO
1	Identifying the types of events for different occasions	24 hours	2,4,	CO1	PSO 14
2	Understanding about the basic elements required for managing events.		2,4,	CO1	
3	Understanding the steps involved in organizing events		1,2,3	CO3	
4	Planning of activities of events in terms of three stages of operation Stage 1-Pre-event activities (activities before the event take place)		2,4,	CO1	
5	Stage 2- During-event activities (activities while the event is taking place)			CO2	
6	Stage 3-Post-event activities (activities after the event has been executed).				
7	Identifying knowledge and skills required in managing events.		2,4,	CO2	
8	Select any actual event to be conducted in the Department/Faculty/University. - Identify the strengths and weaknesses of the event - List the resources involved in the event.		2,4,	CO4	
	Identify problems and suggest improvements needed in order to improve the quality of event celebrations.				
9	Learning Event Marketing Strategies to become efficient Event Managers.		2,4	C04	
Reference					
1.	Lynn, V., Wagen, D., & Carlos, B.R. (2005). <i>Event Management for Tourism, Cultural Business and Sporting Events</i> . New Delhi, Pearson Prentice Hall.				
2.	Shone, A. & Parry, B. (2002). <i>Event Successful Management</i> . New Delhi Cengage Learning.				
3.	Leonard H. Hayle Jr.(1997). <i>Event marketing</i> . New York, John Willy & Sons.				
4.	Singh, S.R. (2009). <i>Event Management</i> New Delhi, APH Publishing Corporation,				
5.	Gaur. (2003). <i>Event Marketing and Management</i> . New Delhi, Vikas Publishing House.				
6.	Kotler, P. (2006). <i>Marketing Management</i> . New Delhi, Pearson Hall Inc.				

 THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA सत्यं शिवं सुन्दरम् Estd 1949	NAAC Accredited “A” Grade Department of Family and Community Resource Management Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda					Academic Year		2023-24		
M. Sc. (F.C.Sc.) FCRM – Hospitality and Resource Management										
Year	I	CORE/ELECTIVE/FOUNDATION HRM 2206C08 Advanced Front Office Operations	Credits / Hours per week				03(2+1)Credits/4 Hrs			
Semester	II	Year of Introduction: 2020 Year of Syllabus Revision:	Maximum Marks / Grade				100			
Mode of Transaction		Lectures and Tutorials								
Course Outcome (CO) CO1 To learn the training skills required for the Front Desk. CO2 To become aware of roles and responsibilities of Front Office Personnel and know about the Guest Cycle. CO3 To gain knowledge about Reservation and Registration procedures carried out at the Front Desk.										
Unit No.	Topic		Contact Hours	Weightage (%)	BT Level	CO	PSO	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)
UNIT-I	Importance of Front Desk Training a) Ongoing training for Front Desk Staff b) Training to capture more business c) Foundation for Front Desk Training d) Identifying various forms & formats used in Front Office		11	25	1,2	CO1	PSO13	EMP ENT SD	L R G	PE
UNIT-II	Front office Department Functions a) Categorization of different guests. b) Guest Cycle Stages		11	25	1,2,3	CO2				

	c) Understanding role of Front Office and Hotel Operations d) Latest trends in Guest Cycle e) Understanding requirements of different guests f) Role and responsibilities of Front Office Personnel								
UNIT-III	Front Office Operations – Reservation a) Importance of Reservation b) Stages of Reservation c) Channels of Reservation d) Types of Reservation e) Steps in Reservation f) Do’s and Don’ts of Reservation g) Reservation Maintenance	5	10	1,2	CO3				
UNIT-IV	Front Office Operations – Registration a) Importance b) Pre-Registration c) Importance of Room and Rate Assignment d) Steps in Registration e) Types of Transactions f) Process of Tracking Transactions g) Handling Foreign Exchange h) Importance of Cash Handling	5	10	1,2	CO3				
Practical’s									
No.	Practical	Contact Hours/ Weightage		Course Code	BT Level	CO	PSO		
1.	Telephone Etiquettes	32 Hours/ 30%			1,2,3	1	PSO13		
2.	Handling Messages				1,2,3	1			
3.	Method of Room Reservation				1,2,3	3			
4.	Techniques of Selling Rooms				1,2,3	3			
5.	Check in Procedures				1,2,3	3			
6.	Check-out Procedures				1,2,3	3			
7.	Handling Complaints				1,2,3	2			
References									
1.	Baker. S., Bradley, P. &Huyton, J. (2001). <i>Principles of Front Office Operation</i> . Boston, Cengage Learning								

2.	Andrews, S. (1982). <i>Hotel Front office training manual</i> . New Delhi. Tata McGraw Hill
3.	Beavis, J.R. and Medik, S. (1985). <i>A manual of Hotel Reception</i> , (3 rd ed). United Kingdom, David & Charles
4.	Dix, C. (1979). <i>Accommodation operations front office</i> . McDonalds & Ayam Ltd
5.	Arora, R.K. (2009). <i>Hotel Organization and Front Office Management</i> . New Delhi, A.P.H. Publishing Corporation
6.	Chakravarti, B.K. (2011). <i>Hotel Front Office Training Manual</i> . New Delhi, A.P.H. Publishing Corporation
7.	Maszom's, J.J. (1971). <i>Front office operation</i> Bobbs.

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M.Sc. (F.C.Sc. Hospitality and Resource Management): Regular Programme										
Year	I	Core / ~~Elective~~ / ~~Foundation~~ HRM 2207C09 Ergonomics in Hospitality Industry	Credits / Hours per week				03 (2+1)Credits/4 Hrs			
Semester	II	Year of Introduction: 2020 Year of Syllabus Revision: --	Maximum Marks / Grade				100			
Mode of Transaction	Lectures and Tutorials									
Course Outcome (CO) HRM CO1. To create awareness regarding Ergonomics. CO 2. To become equipped with Ergonomic Problems in the Hospitality Industry. CO3. To study the various environmental factors involved in designing a workplace. CO4. To gain knowledge regarding Ergonomic solutions for the problem.										
Unit No.	Topic		Contact Hours	Weightage (%)	BT Level	CO	PSO	Elements of Employability (Emp)/ Entrepreneurship (Ent)/ Skill Development (SD)	Relevance to Local (L)/ National (N)/ Regional(R)/Global (G)	Relation to Gender (G), Environment & Sustainability (ES), Human Values (HV)and Professional Ethics (PE)
UNIT-I	Basics of Ergonomics 1. Human system- skeletal subsystems, muscles, Anthropometry and sensory subsystem. 2. Human centered Design 3. Fundamentals of Ergonomics. 4. Anthropometry for Ergonomic Design		4	10%	1,2,3	CO1	PSO8	EMP, ENT SD	(L), (N), (R), (G)	G,HV,PE
UNIT-II	Work in Hospitality Industry 1. Work practices- description of Job tasks.		10	20%	1,2,3	CO2 CO4				

	2. Shift work 3. Physiological bases of Work Assessment: Muscle Contraction, Static and Dynamic Work. 4. Assessment of physical Job Demands 5. Decision-Making Models, Decision Support, and Problem Solving. 6. Injuries and Accidents at work. 7. Musculoskeletal Disorders and Postures at work.								
UNIT -III	Workstation and Layout Assessment 1. Defining the Work Setting 2. Biomechanical basis of Ergonomic Assessment 3. Workload Assessment and Measurement	9	20%	1,2,3	CO2				
UNIT -IV	Environmental Parameters 1. Environment Ergonomic survey. 2. Assessment of Visual Environment. 3. Auditory Environment and Noise Assessment. 4. Indoor Air Quality Assessment.	9	20%	1,2,3	CO3				

Practical's

No.	Practical	Contact Hours/Weightage	Course Code	BT Level	CO	PSO
1.	Exposure in the Hospitality Industry regarding a. Awkward Postures. b. Reducing risk of injury. c. Repetitive Motions.	32 / (30%)		2,3,6	CO1,CO2	PSO 8
2.	Evaluation of the Layout of the Linen Department according to Ergonomic Parameters.			2,3,6	CO1, CO2	
3.	Evaluation of the Layout of the Housekeeping Department according to the Ergonomic Parameters.			2,3,6	CO1,CO2	
4.	Measurement of the indoor air quality.			2,3,6	CO3	
5.	Measurement of the Light and noise.			2,3,6	CO3	
6.	Measurement of the Temperature and Humidity in the Hotels.			2,3,6	CO3	
7.	Safety measures in the Food and Beverage Department to avoid injuries.			2,3,6	CO4	
8.	Safety measures in the Housekeeping Department to avoid injuries.			2,3,6	CO4	
9.	Safety measures in the Linen Department to avoid injuries.			2,3,6	CO4	

10.	Safety measures in the Front Office Department to avoid injuries.		2,3,6	CO4	
11.	Survey of workplaces as per the Ergonomic Workplace Parameters.		2,3,6	CO4	

References	
1.	Singaravelavam, R. (2017). <i>Food and Beverage Services</i> . New Delhi, Oxford University Press
2.	Davis, B., Andrew & Sally (2006)., <i>Food and Beverage Management</i> . New Delhi, Elsvier India Pvt. Ltd
3.	Lilicrap, D. and Cousins, J. (2006). <i>Food and Beverage Services</i> . (7 th ed). London, Hodderand Stoughton
4.	Cousin, J. and Durkan, A. (1999). <i>The Beverage Book</i> , London, Hodderand Stoughton
5.	Julym, Brian, Smith and Michael. (1996). <i>Exploring Wine: The Culinary Institute of America's Complete Guide to the Wines of the World</i> . New York, Van Nostrand Reinhole
6.	Brown, Grahm, Hepner, K. and Deegan (1994). <i>Introduction to Food and Beverage Services</i> . London, Bleckwell Publication
7.	Cousin, J. and Durkan, A. (1992). <i>The Students Guide to Food and Drinks</i> . London, Hodderand Stoughton
8.	Coltman, M. M. (1980). <i>Cost Control for Hospitality Industry</i> . Boston, Massachusetts, CBI Publication

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M. Sc. (F.C.Sc.) FCRM – Hospitality and Resource Management											
Year	I	CORE/ELECTIVE/FOUNDATION HRM 2208C10 Food Safety Management in Hospitality and Catering Industry		Credits / Hours per week			03 (2+1) Credits/ 4 Hrs				
Semester	II	Year of Introduction: 2020 Year of Syllabus Revision:		Maximum Marks / Grade			100				
Mode of Transaction		Lectures and Tutorials									
Course Outcome (CO) HRM CO1 To learn about significance of Food Safety and Sanitation Management in Catering Industry CO2To gain knowledge about important Aspects of Design and Facilities of Catering Units CO3To get acquainted with Food Safety Maintenance, Sanitation and Personal Hygiene CO4 To learn Control of various Food Safety Control Operations in Hospitality and Catering Industry CO5 To gain knowledge of General Hygiene practices to be followed by various Food Processing and Service Units CO6 To get acquainted with aspects of Food Safety Maintenance, Sanitation and Personal Hygiene of Food Handlers											
Unit No.	Topic			Contact Hours	Weightage (%)	BT Level	CO	PSO	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)
UNIT-I	Food Safety and Sanitation Management 1. Factors Contributing to Contamination in Food Storage 2. a) Chemical Contamination b) Biological Contamination c)Physical Contamination			9	20	1,2	CO1 CO3	PSO10	EMP ENT SD	L R G	PE

	3. Prevention and Control of Food Hazards- HACCP Principles 4. Cleaning Compounds and their importance in food safety units 5. Rules and Regulation Regarding Food Sanitation and Safety in Catering Industry.								
UNIT-II	Design and Facilities of Food Preparation and Service Unit 1. Location and Surroundings of Food Preparation and Service Unit 2. Premises & Rooms of Food Preparation and Service Unit 3. Equipment& Containers of Food Preparation and Service Unit 4. Facilities/Utilities of Food Preparation and Service Unit	9	20	1,2	CO2				
UNIT-III	Food Safety Control Operation in Food Preparation and Service Unit 1. Food Receipt (Procurement of Raw Materials and Ingredients) 2. Storage of Raw Materials & Final Products 3. Food and Packaging Materials Storage 4. Food Processing & Preparation at safe temperatures, ph level and moisture to prevent food borne diseases 5. Food Display and Service 6. Food Packaging and Wrapping, Food Transportation and Quality Control	5	10	1,2,3,5	CO3 CO4				
UNIT-IV	Food Safety for Indoor and Outdoor Catering 1. FSSAI General Hygienic and Sanitary Practices to be followed by - Food Business Operators for vegetable and fruit products /Manufacturing/ Processing/ Packaging/Storage/Distribution - Food Business Operators of- Milk and Milk Products - Food Business Operators for Meat Processing Units	5	10	1,2,3,5	CO4 CO5 CO6				

	Food Business Operators of Indoor and Outdoor Catering and Hospitality Industry								
1.	Food Safety Maintenance, Sanitation and Personal Hygiene 1. Cleaning and Sanitation Food Service Industry. 2. Pest Control Systems Food Service Industry. 3. Waste Disposal Management in Food Service Industry. 4. Personal Hygiene: Health Status Illness & Injury, Personal Cleanliness, Personal Behavior Visitors.	5	10	2,3,5	CO5 CO6				

Practical's

No.	Practical	Contact Hours	Course Code	BT Level	CO	PSO
1.	Visit HACCP certified restaurant/catering unit to have first hand knowledge of HACCP Principles and its implication in Food Catering Sector.	32		1,2	CO1 CO5	PSO 10
2.	Prepare a layout of food catering unit keeping in mind the important aspects for FSSAI Audit with special reference to premises, operation control, sanitation and hygiene, etc.			1,2	CO1 CO5	
3.	Visit Restaurant and Street Food unit having Purple Food Safety Display Boards according to FSSAI specification and prepare a report.			1,2,3	CO2	
4.	Visit and observe a Fruit and Vegetable retail shop having Green Food Safety Display Boards and Milk Retail having Blue Food Safety Display Boards according to FSSAI specification and prepare a report.			1,2,3	CO2	
5.	Visit and observe a Meat Retail shop having Red Food Safety Display Boards according to FSSAI specification and prepare a report			1,2,3	CO2	
6.	Visit and observe a Retail store having Grey Food Safety Display Boards according to FSSAI specification and prepare a report			1,2,3	CO2	
7.	Visit and observe a Storage having Yellow Food Safety Display Boards according to FSSAI specification and prepare a report			1,2,3	CO2CO3	
8.	Visit and observe a Retail store having Grey Food Safety Display Boards according to FSSAI specification and prepare a report			1,2,3	CO2 CO3	
9.	Visit Food and Drug Laboratory and observe methods being used for testing chemical and biological safety of food			1,2	CO2	
10.	Visit to Food Safety Testing Laboratory on Wheels and observe methods being used for testing chemical and biological hazards in food.			1,2,3	CO3	
11.	Develop booklet/posters on Sanitation and Hygiene to be maintained by			1,2,3	CO3	

	Food Handlers while Food handling					
12	Develop booklet/Posters on Personal Hygiene to be maintained by Food Handlers working in Catering and Hospitality industry.			1,2,3	CO3	
References						
1.	FSSAI (2017) <i>Food Safety Management System for Catering Institute</i> , Ministry of Health and Family welfare, Government of India					
2.	Pomeraz, Y. and MeLoari, C.E. (2008). <i>Food Analysis: Theory and Practice</i> , New Delhi, CBS publishers and Distributor					
3.	Bryan, F.L. (2007). Hazard Analysis Critical Control Point Evaluations: A Guide to Identifying Hazards and Assessing Risks Associated with Food Preparation and Storage. World Health Organization, Geneva					
4.	Early, R. (2006). Guide to Quality Management Systems for the Food Industry, Blackie, Academic and professional, London					
5.	FAO (2006) Manuals of Food Quality Control. 2 -Additives Contaminants Techniques, Rome					
6.	Gould, W. A. and Gould, R.W. (2005). Total Quality Assurance for the Food Industries. Baltimore, CTI Publications Inc					
7.	Kirk, R.S and Sawyer, R. (2005). Pearson's Composition and Analysis of Foods, Longman Scientific and Technical. (9th Ed). England					

 सत्यं शिवं सुन्दरम् Estd 1949	NAAC Accredited “A” Grade Department of Family and Community Resource Management Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda		Academic Year				2023-24			
M.Sc. (FCRM): Regular Programme										
Year	I	~~Core~~ / ~~Elective~~ / Foundation FCR 2208I03 Trends in Interior Design (Theory)		Credits / Hours per week				(02+00) Credits / 2 hrs		
Semester	II	Year of Introduction: 2020 Year of Syllabus Revision:		Maximum Marks / Grade				100		
Mode of Transaction		Lectures and Practical Work								
Course Outcome (CO) FCR CO1.To help students acquire knowledge on the various Materials and the current trends and innovations in the usage of Interior Design Materials. CO2 To make students aware about trends in Environment Friendly Interiors.										
Unit No.	Topic		Cont act Hou rs	Weightage (%)	BT Level	CO	PSO	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)
UNIT- I	Trends in Interiors in Last Decade		3	50						

	1. Interior design projects undertaken by the famous designers 2. Trends in Walls, Floors and Ceiling Materials 3. Trend in Furniture and Furnishings in last decade 4. Trend in the furniture fittings and fixtures 5. Trend in doors and windows fittings and fixtures 6. Trend in Lighting fittings and fixtures	2		1,2	CO1	PSO6	EMP ENT SD	L /R/ G	ES PE
UNIT- II	Trends in Environment Friendly Interiors 1. Trend in Green Building Materials 2. Trend in Green Eco-Friendly Materials used on wall, floor and ceiling 3. Trend in Eco-friendly Materials used in Furniture and Furnishings		50	1,2	CO2				
Assignments									
	1. Comparative study of interior projects of different sites of the country. 2. Study of small budget interior projects. 3. Study of large budget interior projects. 4. Study the evolution of interior trends from past to present.								
References									
1.	Gvaeme, B. and Weinthal, L. (2017). <i>The Handbook of Interior Architecture & Design</i> . USA: Bloomsburg Publishing Plc.								
2.	Kasu, A. (2012). Interior Design. Mumbai: Ashish Book Center(5 th Ed.). Chamber D. N. Road,								
3.	Gandotra, V., Shukul, M., Jaiswal, N. (2011). <i>Interior Design and Decoration</i> . New Delhi: Dominant Publishers								
4.	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.								
5.	Bindra, S.P. and Arora, S.P. (2000). Building Construction: Planning Techniques and methods of Construction. (19 th Ed.). New Delhi, Dhanpat Rai Publication								
6.	Barry. R. (1996). <i>The Construction of Buildings</i> . New Delhi: Affiliated East-west Press Pvt. Ltd.,								

7.	Nissen, L., Faulkner S. and Faulkner R. (1994). Inside Today's Home 6 th Ed. United States:Cengage Learning.
8.	Moxley, R. Mitchell, G.A., and Mitchell, A. (1961). <i>Mitchell's Elementary Building Construction</i> , Allied Publishers Private Limited, 1961.

**DEPARTMENT OF FAMILY AND COMMUNITY
RESOURCE MANAGEMENT**

M.Sc. PROGRAMME

COURSE OUTLINES

HOSPITALITY AND RESOURCE MANAGEMENT

SECOND YEAR

SEMESTER I

 सत्यं शिवं सुन्दरम् Estd 1949		NAAC Accredited “A” Grade Department of Family and Community Resource Management Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda			Academic Year		2023-24		
		M.Sc. (FCRM):Regular Programme							
Year	II	Core / ~~Elective~~ / ~~Foundation~~ FCR 2307C01: Extension In Resource Management (Practical)			Credits / Hours per week		02 (00+02)/ Credits /4 hrs		
Semester	I	Year of Introduction: 2020 Year of Syllabus Revision: -			Maximum Marks / Grade		100		
Mode of Transaction		Practical							
Course Outcome (CO)FCR CO1 To help students acquire knowledge about the basic concepts of Extension Education. CO2 To make students aware about the Extension Development and Community Development Programme. CO3 To develop ability of students in Planning, Executing and evaluating extension programme.									
Practical's									
No.	Topics		Contact Hrs (Weightage)	BT Level	CO	PSO	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)
1	Develop a need-based Community Outreach Intervention program		64 (100%)	3,5	CO1	PSO4	EMP ENT SD	L N R G	G ES HV PE
2	Identify needs of the selected community and target groups.			3,5	CO1				
3	Plan need based Extension Programmes for the selected community group with specific reference to Resource Management			3,5	CO2, CO3				

4	Develop lesson plans to execute the Intervention Program		3,5	CO2, CO3				
5	Preparation of visuals (projected & non-projected); Designing & Layout of visuals for Charts, posters, headliners etc., Generating computer – aided presentation graphics, preparation of visuals.		3,5	CO2, CO3				
6	a. Development of Monitoring and Evaluation framework. b. Report writing and documentation techniques		3,5	CO2, CO3				
7	Field visit to NGOs to understand the functions of management decision making and various program run by NGOs and limitation faced by them.		3,5	CO2, CO3				

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M. Sc. (F.C.Sc.) FCRM – Hospitality and Resource Management											
Year	II	Core / ~~Elective~~ / ~~Foundation~~ HRM2305C02: Food And Beverage Operations			Credits / Hours per week			03(2+1)Credits/4 Hrs			
Semester	I	Year of Introduction: 2020 Year of Syllabus Revision: None			Maximum Marks / Grade			100			
Mode of Transaction		Lectures and Tutorials									
Course Outcome (CO) HRM CO1. To get acquainted with Organization of Food and Beverage Department CO2 To gain understanding of Alcoholic and Non-Alcoholic beverages used in the Industry. CO3 To get acquainted with Food and Beverage Service Outlets, Restaurant and Bar. CO4 To gain knowledge about Menu Planning and types of Menu. CO5 To learn skills of Bar Operation and Control.											
Unit No.	Topic			Contact Hours	Weightage (%)	BT Level	CO	PSO	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)
UNIT-I	Organization of Food and Beverage Department 1. Organization of Main Kitchen ,Satellite Kitchen, Bakery and Confectionery ,Kitchen Stewarding, Purchase and Store Departments, Restaurant, Banquet, Room Service, Lounge Bar and Dispense Bar 2. Food and Beverage Service Equipments,			10	20	1,2,3	CO1	PSO10 PSO11	ENT EMP SD	(L), (N), (R), (G)	G,HV,PE

	Purchase of Equipment and Storage of equipment 3. Ancillary Section Operations 4. Handling Exigency								
UNIT-II	Menu Knowledge and Planning 1. Compound butter 2. Cover and Accompaniments for selected Dishes 3. Menu planning: Competition, Policy of Establishment, Customer, Operational Aspects, Gastronomic Stand Point, Nutritional Aspects and Government Regulations. 4. Compilation of, A La cart Menu, Indian A La cart Menu, Continental Table D'hôte 5. Menu as a Sales Tool	9	20	1,2,3	CO4				
UNIT-III	Beverages and Tobacco 1. Non-Alcoholic Beverages: Cocktails and Mock-tails 2. Alcoholic beverages: Definitions, Types and Production Process of Wines, Vermouth and Bitters, Beer, Cider and Perry, Whisky, Brandy, Gin, Rum, Vodka, Tequila and Mescal and other Spirits. 3. Tobacco : Cigars, Cigarettes	9	20	1,2,3	CO2				
UNIT-IV	Bar Operation and Control 1. Cellar Location, Temperature, and Storage Procedures 2. Equipment Required in Storage Area 3. Types of Bar, Design and Layout, 4. Bar Operation Procedure ,Routine 5. Bar and Cellar Records and Control	4	10	1,2,3	CO3 CO5				
Practical's									
No.	Practical:				Contact Hours/Weightage	Course Code	BT Level	CO	PSO
1.	Acquaint skills of Food Garnishing and Serving Accompaniments.				32 / (30%)		2,3,6	CO2	POS11

2.	Develop skills of Pairing of Chocolates and Wine			2,3,6	CO2, C05	
3.	Acquire skills about Scales used for measuring the Alcoholic Strength of the Drinks.			2,3,6	CO2, C05	
4.	Develop skills of serving various types of Wines			2,3,6	CO2, C05	
5.	Acquaint skills of serving Vermouth and Bitters			2,3,6	CO2, C05	
6.	Develop skills of serving Beer, Cider and Perry			2,3,6	CO2, C05	
7.	Acquire skills of serving Whisky and Brandy			2,3,6	CO2, C05	
8.	Acquire skills of serving Gin and Rum			2,3,6	CO2, C05	
9.	Acquaint skills of serving Vodka, Mescal and Tequila			2,3,6	CO2, C05	
10.	Acquire skills of serving various Spirits.			2,3,6	CO2, C05	
11.	Develop skills of Pairing of Cheese and Wine			2,3,6	CO2, C05	

References

1.	Singaravelavam, R. (2017). <i>Food and Beverage Services</i> . New Delhi, Oxford University Press
2.	Davis, B., Andrew & Sally (2006)., <i>Food and Beverage Management</i> . New Delhi, Elsevier India Pvt. Ltd
3.	Lilicrap, D. and Cousins, J. (2006). <i>Food and Beverage Services</i> . (7 th ed). London, Hodderand Stoughton
4.	Cousin, J. and Durkan, A. (1999). <i>The Beverage Book</i> , London, Hodderand Stoughton
5.	Julym, Brian, Smith and Michael. (1996). <i>Exploring Wine: The Culinary Institute of America's Complete Guide to the Wines of the World</i> . New York, Van Nostrand Reinhole
6.	Brown, Grahm, Hepner, K. and Deegan (1994). <i>Introduction to Food and Beverage Services</i> . London, Bleckwell Publication
7.	Cousin, J. and Durkan, A. (1992). <i>The Students Guide to Food and Drinks</i> . London, Hodderand Stoughton
8.	Coltman, M. M. (1980). <i>Cost Control for Hospitality Industry</i> . Boston, Massachusetts, CBI Publication

 THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA सत्यं शिवं सुन्दरम् Estd 1949	NAAC Accredited “A” Grade Department of Family and Community Resource Management Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda					Academic Year		2023-24				
M. Sc. (F.C.Sc.) FCRM – Hospitality and Resource Management												
Year	II	Core / ~~Elective / Foundation~~ HRM2307C04: Professional Management Practices in Hospitality Industry			Credits / Hours per week			03(3+0)Credits/3 Hrs				
Semester	I	Year of Introduction: 2020 Year of Syllabus Revision: None			Maximum Marks / Grade			100				
Mode of Transaction		Lectures and Tutorials										
Course Outcome (CO) HRM CO1. To develop knowledge and skills essential for maintaining a career path and evaluate personal strength and weaknesses CO2. To understand independent judgment and professional ethics in relation to own job role, responsibility and relationships with colleague team members, Manager and customer CO3.To learn tasks and process skills in the context of job requirement and produce a personal development plan.												
Unit No.	Topic				Contact Hours	Weightage (%)	BT Level	CO	PSO	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)
UNIT-I	Knowledge & Skills Assessment for Improving own Performances Concept of self-Knowledge and an appraisal of Personal skills and attributes 1. Concept of Task skills with desirable skills 2. Process skills				12	25	2	CO1	PSO12	ENT EMP SD	(L), (N), (R), (G)	G,HV,PE

	3. Cognitive and creative skills 4. Prepare a career plan to overcome perceived personal and managerial skills gaps								
UNIT-II	Personal value, Motivation and capacity 1. Evaluate self-potential, value & motivation 2. Explain individual capacity, identifying mental emotional and physical energy 3. Value of an individual in relation to values of a team & an organization 4. Self-motivation	12	25	2,4	CO1				
UNIT-III	Individual and Professional Ethics \ 1. Roles within the workplace like leading and motivating staff, communication, group dynamic 2. Responsibilities – Customers serves, decision making, delegation and empowerment 3. Relationships within the workplace – colleagues team members, manager and customers	12	25	2	CO2				
UNIT-IV	Task & Process skills in the contact of Job Requirements 1. Application of Information Technology 2. Customer service Skills 3. Health and Safety Training 4. Evaluate a Department Plan 5. SMART (Specific, Measurable, achievable Relationship Time framed) Objectives, Targets , Action Plan, Time management and work scheduling	12	25	2,3,4	CO3				
References									
1.	Thomas, J.A. (2012). <i>Professional Management of Housekeeping Operations</i> . New Jersey, John Wiley and Sons. Inc.								
2.	Tesone, D.V. (2012). <i>Principles of Management for the Hospitality Industry</i> . London, Routledge								
3.	Hayes, D.K. (2008). <i>Hotel Operations Management</i> . London, Pearson Publishers								

4.	Kotler, .P. (2013). <i>Management for Hospitality and Tourism</i> . United States, Pearson Prentice Hall
5.	Negi, J. (2009). <i>Professional Hotel Management</i> . Ahemdabad, S. Chand Publishing
6.	Fallon, M. J., Rutherford, D. (2011). <i>Hotel Management Operations</i> . New Jersey, Wiley Publishers

 सत्यं शिवं सुन्दरम् Estd 1949	NAAC Accredited “A” Grade Department of Family and Community Resource Management Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda				Academic Year		2023-24		
M.Sc. (F.C.Sc. Hospitality and Resource Management): Regular Programme									
Year	II	Core / Elective / Foundation HRM2309F02: Internship in Hospitality Management Industry			Credits / Hours per week		06(0+6)Credits/12Hours		
Semester	I	Year of Introduction: 2020 Year of Syllabus Revision: 2021			Maximum Marks / Grade		100		
Mode of Transaction		Laboratory Experiments, discussion and viva							
Course Outcome (CO) HRM CO1. Internship will be organized with different organizations to place the students according to their field of sub-specialization. The staff in charge will work outthe details of operation and evaluation with the officials of the organization concerned. CO2. The time of internship would range between 25-30 days. The students would be required to work with the concerned organization to get experience invarious functions carried out by them, and competencies required.				Contact Hours/Weightag (%)	BT Level	PSO	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)

 सत्यं शिवं सुन्दरम् Estd 1949	NAAC Accredited “A” Grade Department of Family and Community Resource Management Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda					Academic Year	2023-24			
M. Sc. (F.C.Sc.) FCRM – Hospitality and Resource Management										
Year	II	Core / Elective / Foundation HRM2306C03: Advanced Housekeeping Operations			Credits / Hours per week			03(2+1)Credits 4/Hrs		
Semester	I	Year of Introduction: 2020 Year of Syllabus Revision:			Maximum Marks / Grade			100		
Mode of Transaction		Lectures and Tutorials								
Course Outcome (CO) HRM CO1. To learn the basic structure of Housekeeping Department. CO2. To know the job description of Housekeeping Personnel. CO3. To understand Inventory Management Methods or Approaches. CO4. To understand Housekeeping Standards together with Safety & Security Aspects. CO5. To be trained in different activities in Housekeeping Department such as Chemical Usage, Managing Inventories, Laundry Management and Controlling Expenses.										
Unit No.	Topic		Contact Hours	Weightage (%)	BT Level	CO	PSO	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)
UNIT-I	Introduction to Housekeeping Industry 1. Overall structure and Operations of Housekeeping Department 2. Organization chart of Housekeeping		9	20%	1, 2,	CO1, CO2	PSO11	EMP	(L), (N), (R), (G)	PE

	Department 3. Job descriptions in Housekeeping Department								
UNIT-II	Planning and Organizing Housekeeping Department 1. Planning the work in Housekeeping Department 2. Area Inventory 3. Frequency Schedule 4. Performance Standard 5. Productivity Standard 6. Supply and Equipment Inventory level 7. Building Housekeeping Standards	15	20%	2,3	CO5				
UNIT-III	Human Resource and Training Employees in Housekeeping 1. Staffing & Training Employees 2. Motivating Employees 3. Training Methods on Chemical usage, Laundry Management, Managing Inventories and Controlling Expenses	6	20%	2,3,5	CO3, CO5				
UNIT-IV	Safety and Security Aspects 1. Introduction to Safety and Security Aspects in Housekeeping. 2. Role of Safety & Security in Housekeeping Operations	2	10 %	1,2	CO4				

Practical's						
No.	Practical	Contact Hours/weightage	Course Code	BT Level	CO	PSO
1.	Set up rooms and support service for various types of events.	32 / (30%)		2,3	CO5	PSO11
2.	Procedures of lost and found items			2,3	CO5	
3.	Preparation of Checklist for checking cleanliness in Guest rooms.			2,3	CO5	
4.	Cleaning the guest room and closet			2,3	CO5	
5.	Bed Making			2,3	CO5	
6.	Cleaning main housekeeping office & Storage areas			2,3	CO5	
7.	Cleaning and maintaining of work areas			2,3	CO5	
8.	Maintaining guest amenities & cleaning supplies for assigned rooms.			2,3	CO5	
9.	Sorting of linens and uniforms			2,3	CO5	
References						
1.	David, M & Allen. (2015) <i>Accommodation and cleaning service</i> . (Vol. 1 & 2) London. Hutchinson Publishing Group.					
2.	Gladwell, D. (2013) <i>Practical Maintenance of equipment for hoteliers, Licenses and caterers</i> . Hutchinson and Co. Pvt. Ltd.					
3.	Hurst Rosemary (2008) <i>Service and Maintenance for Hotel and Residential establishment</i> . London, William Heinemann Ltd					
4.	Iverson M. Katheleen. (2007). <i>Introduction to Hospitality Management</i> - New York, Van Nostrad Reinhold.					
5.	Hurst R. (2006) <i>Accommodation Management for Hostel and residential establishment</i> .					
6.	Chakravarti, B.K. (2005) <i>A technical guide to Hotel Operation</i> , New Delhi, Metropolitan Book Co. Pvt. Ltd.					
7.	Andrew, S. (1985). <i>Hotel Housekeeping- training manual</i> . New Delhi, Tata McGraw-Hill Publishing Co. Ltd.					
8.	Asler. (1970). <i>Management of Hospitality Operations</i> . London, Bobbs Merill.					

 सत्यं शिवं सुन्दरम् Estd 1949	NAAC Accredited “A” Grade Department of Family and Community Resource Management Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda					Academic Year		2023-24			
M.Sc. (FCRM): Regular Programme											
Year	II	~~Core / Elective / Foundation~~ FCR2308I03 : Event Management				Credits / Hours per week		2 (2+0) Credits /2hrs			
Semester	I	Year of Introduction: 2020 Year of Syllabus Revision: -				Maximum Marks / Grade		100			
Mode of Transaction		Lectures									
Course Outcome (CO)FCR CO1. To get knowledge regarding scope of Event Management and its related concepts. CO2. To understand administration and co-ordination in Event Management. CO3. To become aware of the qualities of good Event Manager.											
Unit No.	Topic			Contact Hours	Weightage (%)	BT Level	CO	PSO	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)
UNIT-I	Events and Event Manager a) Definition and Characteristics of Events b) Types, Structure and Key elements of Events. c) The five W’s to produce effective Events(Why, Who, When, Where and What)			8	25%	1,2	CO1	PSO2	ENT, EMP. SD	LNRG	HV, PE

	d) Qualities of Good Event Manager								
UNIT-II	Administration in Event management a) Developing an Event Plan b) Implementing the Event Plan c) Evaluating the Event Plan	10	30%	1,2	CO2				
UNIT-III	Coordination in event management a) Managing contracts b) Management at the venue c) Premising for Event Management	10	30%	1,2	CO2				
UNIT-IV	The Event Management Profession a) Challenges and Career Opportunities	4	15%	1,2	CO3				
References									
1.	Gaur. S. and Saggere. S. (2011). <i>Event Marketing Management</i> . New Delhi : Vikas Publishing House Pvt. Ltd.								
2.	Goldblatt .J. (2007). <i>Event Management-Multidisciplinary Professions</i> . New Delhi: Wiley Eastern.								
3.	Mehndiratta. V. (2009). <i>Career in Event Management</i> . Chandigarh :Abhishek Publications.								
4.	Mittal. R. (2013). <i>Event Management in Leisure and Tourism</i> . New Delhi: Royal Publications.								
5.	Singh. S. (2009). <i>Event Management</i> . New Delhi: APH Publishing Corporation.								

**DEPARTMENT OF FAMILY AND COMMUNITY
RESOURCE MANAGEMENT**

M.Sc. PROGRAMME

COURSE OUTLINES

HOSPITALITY AND RESOURCE MANAGEMENT

SECOND YEAR

SEMESTER II

 THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA सत्यं शिपं सुन्दरम् Estd 1949	NAAC Accredited “A” Grade Department of Family and Community Resource Management Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda						Academic Year	2023-24	
M.Sc. (FCRM): Regular Programme									
Year	II	Core / ~~Elective~~ / ~~Foundation~~ FCR2406C03: DISSERTATION			Credits / Hours per week		15(0+15) Credits/ 30 Hrs		
Semester	II	Year of Introduction: 2020 Year of Syllabus Revision:2021			Maximum Marks / Grade		100		
Mode of Transaction			Practicals						
Course Outcome (CO) FCR CO1. To learn to find related reference materials. CO2. To learn critical appreciation of the cases, and to analyse, condense and evaluate the activities and reports. CO3. To get trained to conduct survey and interview and to summarize the study. CO4. To develop an ability to effectively present the dissertation (Research Study) project.									
No.	Practical	Weightage (%)	Course Code	BT Level	CO	PSO	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)
1	Introduction of Dissertation/project	100%	IDO	3,4,5	CO1 CO2 CO3 CO4	1,3	ENT, EMP, SD	L,N,R,G	HV, PE
2	Procedure to conduct the research and carrying out the research								
3	Selection of topic of dissertation research								

4	Guidance to the students by respective guide appointed by the institute.								
5	Presentation of each chapter of dissertation by individual students of: a) Introduction b) Review of Literature c) Methodology and Tool description validation and Reliability testing d) Findings and Discussion of descriptive and relational statistical analysis e) Summary Conclusion & Recommendation f) Bibliography								
References									
1.	Kamat, R. & Udupi, S.: “Research Methods”, Department of P.G. Studies & Research, SNDT Women’s University, Juhu, Mumbai-400049.								
2.	Kamath,R and UdipiShobha, (2009), Thesis and Scientific Writing: Process, Form and Content, Agrotech Publishing Academy, Udaipur.								
3.	Kothari C. R. and Garg G., (2014) Research Methodology: Methods and Techniques. 3rd Ed., New Delhi, New Age International (P.) Ltd. Publishers.								
4.	Best. John. W., and Kahn, James V., (1986) Research in Education. 5th Ed., New Delhi: Prentice-Hall of India Pvt. Ltd.								

Bloom's Taxonomy Levels: 1. Remember 2. Understand 3. Application 4. Analysis 5. Evaluation 6. Creation

Programme Name: M.Sc. F.C.Sc. (Interior Design)

Programme Specific Outcomes (PSO)

- PSO1 To develop research competencies and learn the scientific process of writing Research Reports.
- POS2 To develop ability for managing Events and understanding Family Economics and Finance Management.
- POS3 To provide training and exposure to Research problems through Project and Dissertation.
- POS4 To develop ability in Planning, Executing and Evaluating Community Outreach Programs.
- POS5 To develop competencies for managing Human and Non-human Resources.
- PSO6 To gain knowledge about the Fundamentals of Interiors for the designing of Residential, Commercial and Institutional Establishments.
- PSO7 To gain an insight in understanding and assessing the Client's needs and requirements in designing Interiors.
- PSO8 To acquire skills in preparing Technical drawings using software as well as manual drafting and learn model making.
- PSO9 To develop competencies for application of ergonomic principles.
- PSO10 To develop skills in designing Landscape and garden spaces.
- PSO11 To get oriented towards the current trends in lighting, surface and furniture materials, green interiors, furniture and furniture finishes and interior accessories.
- PSO12 To acquire knowledge and skills in cost estimation of Interior Design Projects.

**COURSE STRUCTURE M.Sc. IN F.C.R.M. DEPARTMENT
INTERIOR DESIGN SUB-SPECIALIZATION**

Course Code	Course Title	Credits
First Year - Semester I		
STA 2127C01	Statistics for Research	03 (3+0)
FCR 2105C01	Research Methodologies	03 (3+0)
FCR 2106C02	Theory of Resource Management	03 (3+0)
FCR 2107C03	Family Economics and Finance Management	02(2+0)
IDO 2105C06	Green Interiors	03 (1+2)
IDO 2106C07	Ergonomics in Interiors	03 (1+2)
TOTAL		17
First Year - Semester II		
IDO 2205C07	Furniture Design	03 (1+2)
IDO 2206C08	Interior Space Design- Residential and Commercial	04 (1+3)
IDO 2209C09	Interior Design for Special Needs	03 (1+2)
IDO 2210C10	Computer Aided Interior Design and Presentation	04 (0+4)
IDO 2211F01	Services and Cost Estimation in Interior Design	03 (1+2)
CBCS		
FCR2207I04	Trends in Interior Design	2 (2+0)
TOTAL		19
Second Year - Semester I		
FCR2307C01	Extension in Resource Management	02 (0+2)
IDO2309F05	Model Making	03 (0+3)
IDO2310F06	Lighting Designs	03 (1+2)
IDO2311F07	Landscape and Garden Designs	03 (1+2)
IDO2312F08	Internship in Interior Design Industry	06 (0+6)
CBCS		
FCR 2308I03	Event Management	2 (2+0)
TOTAL		19
Second Year - Semester II		
FCR 2404C01	Seminar	02 (0+2)
FCR 2406C03	Dissertation	15 (0+15)
TOTAL		17
TOTAL		72

**DEPARTMENT OF FAMILY AND COMMUNITY
RESOURCE MANAGEMENT**

**M.Sc. PROGRAMME
COURSE OUTLINES
INTERIOR DESIGN**

**FIRST YEAR
SEMESTER I**

 सत्यं शिवं सुन्दरम् Estd 1949	NAAC Accredited “A” Grade Department of Family and Community Resource Management Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda					Academic Year	2023-24				
M.Sc. (FCRM): Regular Programme											
Year	I	Core / ~~Elective~~ / Foundation FCR 2105C01: Research Methodologies (Theory)			Credits / Hours per week			(03+00) Credits /3 hrs			
Semester	I	Year of Introduction: 2020 Year of Syllabus Revision:			Maximum Marks / Grade			100			
Mode of Transaction		Lectures									
Course Outcome (CO) FCR CO1. To Understand the Significance of Statistics and Research Methodology in Home Science Research. CO2 To Understand the Types, Tools and Methods of Research and develop the ability to construct data gathering instruments appropriate to the Research Design. CO3. To be able to Understand Importance of Writing Scientifically CO4. To develop Competency in Writing and Abstracting Skills. CO5. To develop skill in writing a Research Proposal. CO6. To Understand Appropriate Statistical Techniques for data analysis.											
Unit No.	Topic			Contact Hours	Weightage (%)	BT Level	CO	PSO	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)
UNIT- I	Definition and identification of a Research problem			12	25	2,3,5	CO2	PSO 1,3	SD	L/N /G	PE
	a. Selection of Research Problem b. Justification										

	c. Theory, Hypothesis, Basic Assumptions, Limitations and Delimitation of the Problem								
UNIT- II	Types of Research, Variables, Research Design	12	25	2,3,5	CO2	PSO 1,3			
UNIT-III	Basic principles of Research Design								
	a. Purposes of Research Design: Fundamental, Applied And Action Exploratory and Descriptive Experimental, Survey And Case, Ex- Post Facto. i. Informal Group Discussions ii. Interviews: key informants, in-depth Interviews iii. Observations iv. Social mapping v. Participatory Learning Assessment vi. Data Gathering Instrument vii. Scales of Measurement and the appropriate Statistical Techniques	12	25	2,3,5	CO2	PSO 3			
UNIT-IV	a. Scientific writing as a Means of Communication. Different forms of Scientific Writing Articles in Journals, Research notes and Reports, Review articles, Monographs, Dissertations, Bibliographies b. Drafting Titles, Sub Titles, Tables, Illustrations. Tables as systematic means of presenting data in rows and columns and lucid way of indicating relationships and results. Formatting Tables: Title, Body stab, Stab Column, Column Head, Snapper Head, and Box Head. Appendices: Use and Guidelines c. Parts of Dissertation/Research report/Article a. Introduction b. Review of Literature	12	25	2,3,5	CO1 CO5	PSO 1,3			

	c. Method								
	d. Results and Discussion								
References									
1.	Kothari C. R. and Garg G., (2014) <i>Research Methodology: Methods and Techniques</i> . (3 rd Ed.), New Delhi, New Age International (P.) Ltd. Publishers.								
2.	Bandarkar. Wilkinson. (2000). <i>Methodology and Techniques of Social Research</i> . Mumbai: Himalaya Publishing House.								
3.	Dooley. (1995). <i>Strategies for Interpreting Qualitative Data</i> . California: Sage Publications.								
4.	Thyer, B.A. (1994). <i>Successful Publishing in Scholarly Journals</i> , California: Sage Publication.								
5.	Dunn, F.V. & others. (Ed.) (1994). <i>Disseminating Research: Changing Practice</i> , New York: Sage Publication.								
6.	Syemberg, R.J. (1991). <i>The Psychologist's Companion: A Guide to Scientific Writing for Students & Researcher</i> , Cambridge: CUP.								
7.	Bhatnagar. (1990). <i>Research Methods and Measurements in Behavioural and Social Sciences</i> . New Delhi: Agri. Cole Publishing Academy.								
8.	Strass. A and Corbi. J, (1990). <i>Basis of Qualitative Research: Grounded Theory Procedures and Techniques</i> . California: Sage Publications.								
9.	Cooper, H.M. (1990). <i>Integrating Research: A Guide for Literature Reviews</i> , (2 nd Ed.) California, Sage Publication.								
10.	Richardson, L. (1990). <i>Writing Strategies. Reaching Diverse Audience</i> , California: Sage Publication.								
11.	Wolcott, H.F. (1990). <i>Writing up Qualitative Research</i> , Newbury Park: Sage Publication.								
12.	Mukherjee. (1989). <i>The Quality of Life: Valuation in Social Research</i> . New Delhi: Sage Publications								
13.	Locke, L.K. and others (1987): <i>Proposals the Work: A Guide for Planning Dissertations & Grant Proposals</i> (2 nd Ed.) Beverly Hills: Sage Publication.								
14.	Best. John. W. and Kahn, James V., (1986) <i>Research in Education</i> . (5 th Ed). New								
15.	Delhi: Prentice-Hall of India Pvt. Ltd.								
16.	Kothari C. R., (1984). <i>Quantitative Techniques</i> . (2 nd Ed.). New Delhi: Vikas Publishing House Pvt. Ltd.								
17.	APA (1984). <i>Publication Manual of American Psychological Association</i> (3 rd Ed.), Washington: APA.								
18.	Gay. (1981). <i>Educational Research</i> (2nd ed.). Ohio: Columbus.								
19.	Mullins, C.J. (1977). <i>A Guide to Writing and Publishing in Social and Behavioural Sciences</i> , New York: John Wiley & Sons.								
20.	Harman, E & Montagnes, I. (Eds.) (1970). <i>The Thesis and the Book</i> , New Delhi: Vistaar.								

 सत्यं शिवं सुन्दरम् Estd 1949	NAAC Accredited “A” Grade Department of Family and Community Resource Management Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda					Academic Year		2023-24			
M.Sc. (FCRM): Regular Programme											
Year	I	Core / ~~Elective~~ / ~~Foundation~~ FCR 2106C02: Theory of Resource Management (Theory)			Credits / Hours per week			(03+00) Credits /3 hrs			
Semester	I	Year of Introduction: 2020 Year of Syllabus Revision:			Maximum Marks / Grade			100			
Mode of Transaction		Lectures									
Course Outcome (CO) FCR CO1.To become aware of the History and Development of the field of Management. CO2. To understand the current Development and Contributions to the theory of Home Management.											
Unit No.	Topic			Contact Hours	Weightag (%)	BT Level	CO	PSO	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)
UNIT-I	1. Historical perspective of Home Management as a field of study a) In U.S.A. and other Countries b) In India 2. Interdisciplinary nature of Home Management, Contribution of Business Management, Behavioral Sciences, Farm Management. 3. Philosophy of Home Management and its Role in Home Science Education			9	20	1,2	CO1	PSO 5, 12	EMP, ENT SD	L.N,G	PE

	4. Scope of Research in Family and Community Resource Management								
UNIT- II	1. Systems Approach to the Home Management a. Need for selecting Systems Approach to the study of Home Management b. Definitions of system and relevant concepts. c. Systems approach to management as suggested by various authors viz. Gross, Crandall and Knoll, II, Nickell, Rice and Tucker. d. Components of Management sub-systems: their location and function. e. Inter-relationship of concepts in Management. 2. Developing Resources in the Family a) By defining b) By characteristics 1) Utility, 2) Accessibility, 3) Inter changeability 4) Manageability 3. Factors affecting the use of Human resource a. Motivation b. Capacity c. Philosophy d. Family Heritage e. Resource Quality and Combination f. Life Factors g. Goals h. Media i. The Female labor force	19	40	1,2	CO2				

	j. Income and other Economic Factors k. Mental Health l. Fertility 4. Assessing Resource: Classification of Resources								
UNIT - III	Developing human resources for Management a. Through a Motivation Oriented Approach b. Through Formal and Informal Education	10	20	1,2,3	CO2				
UNIT - IV	How to increase satisfaction from human resources a. Nature of Human Resource b. Principles of Human Resource Development c. Investment in Human Capital d. Managing Human Resources.	10	20	1,2,3	CO2				
References									
1.	Koontz, H., and O'Donnell, C. (1981) <i>Principles of Management</i> . New York: McGraw Hill Book Co.								
2.	Nickell. P., Rice. A., and Tucker,(1976) <i>Management in Family Living</i> , New York: John Willey and Sons.								
3.	Deacon. R., and Firebough, F. (1975) <i>Home Management, context and concepts</i> , Houghton Mifflon Company.								
4.	Gross, I., Crandall, E and Knoll,(1973) <i>M., Management For Modern Families</i> . New York: Apleton Century crofts.,								

 सत्यं शिवं सुन्दरम् Estd 1949	NAAC Accredited “A” Grade Department of Family and Community Resource Management Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda						Academic Year	2023-24			
M.Sc. (FCRM): Regular Programme											
Year	I	Core / ~~Elective~~ / ~~Foundation~~ FCR2107C03: Family Economics and Finance Management (Theory)			Credits / Hours per week		(02+00) Credits /2 hrs				
Semester	I	Year of Introduction: 2020 Year of Syllabus Revision:			Maximum Marks / Grade		100				
Mode of Transaction		Lectures									
Course Outcome (CO) FCR CO1.To become aware of basic concepts of Family economics. CO2. To become aware of the aspects of Financial Management viz; Savings, Investments, Credit and Tax Planning. CO3. To understand Fundamentals of Record keeping and Accounting.											
Unit No.	Topic			Contact Hours	Weightag (%)	BT Level	CO	PSO	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)
UNIT- I	Basic Concepts of Family Economics 1.National income 2. Standard of living, Plane of Living, Cost of living 3.Free Goods and Services 4.Types of Family Income			2	10	1,2	CO1	PSO2	EMP ENT	L N G	HV,PE
UNIT- II	Family saving, Investments, Credit and tax planning 1.Family Saving			20	60	1,2,3	CO2				

	a) Saving of Household Segments- its importance to Economic Growth. b) Budgeting c) Record Keeping d) Accounting 2. Investments a) Points to consider in making Investments b) Types of investment opportunities in India 3. Credit a) Need for Credit b) Sources and types of Credits c) Guides to the wise use of Credit 4. Tax Planning a) Types of Taxes b) Principles and procedures of Income Tax c) Preparation of statement of Income, Income Tax, and Filling of Income Tax in case of Returns d) Individuals (Salaried Class) 5. Organization a) Non- profit Organization b) Knowledge of various exemptions and deductions								
UNIT -III	Record keeping and Accounting Fundamental principles of accounting a) Income and Expenditure Accounts b) Revenue and capital items of Expenditure c) Balance sheet.	10	30	1,2,3	CO3				
References									
1.	Agrawal, A.N. & Agrawal, M.K. (2019). <i>Indian Economy: Developmental Problems & Policies</i> . (43 rd Edition). New Delhi: New Age International (P) Ltd. Publishers.								
2.	Anand, D.K. (2019). <i>Finance for Everyone</i> . New Delhi: Vikas Publishing House Pvt. Ltd.								
3.	Chandra, P. (2018). <i>Financial Management: Theory & Practice</i> . (9 th Edition). Chennai: McGraw Hill Education India Pvt Ltd.								

4.	Datt G. and Mahajan A. (2016). <i>Indian Economy</i> . (72 nd Ed.). New Delhi: S. Chand Publisher
5.	Gandotra, G. and Shukul, M. (2006). <i>Home Management and Family Finance</i> . Delhi: Dominant Publishers and Distributors,
6.	Goel, S. (2018). <i>Finance for Non-Finance People</i> . London & New York. Routledge
7.	Gordan, L. (1953). <i>Economics for Consumers</i> , New York: American Book Company,
8.	Mankiw, N.G. & Taylor, M.P. (2017). <i>Economics</i> . (4 th Edition). Delhi. Cengage Learning India Pvt. Ltd.
9.	Menchik, P.L (1996) <i>Household and Family Economics</i> . New York: Springer.
10.	Pottayil V (2017). <i>What Every Indian Should Know before Investing</i> . Mumbai: Rashmi Graphics.
11.	Rama Gopal, C. (2017). <i>Financial Management</i> . New Delhi: New Age International (P) Ltd. Publishers.
12.	Reddy, J. (2019). <i>Financial Management</i> . New Delhi. APH Publishing Corporation
13.	Sinha, M. (2017). <i>Financial Planning</i> . (2 nd Edition). Chennai: McGraw Hill Education India Pvt Ltd.
14.	Srivastava, R.M. (1996). <i>Management of Indian Financial Institutions</i> . Bombay Himalaya Publishing House.

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M. Sc. (F.C.Sc.) FCRM – Interior Design										
Year	I	Core / ~~Elective~~ / ~~Foundation~~ IDO 2105C06: Green Interiors		Credits / Hours per week			03 (01+02) Credits /5hrs			
Semester	I	Year of Introduction: 2020 Year of Syllabus Revision: - 2021		Maximum Marks / Grade			100			
Mode of Transaction		Lecture and Practical								
Course Outcome (CO) IDO CO1. To become aware about the concept of Green Interiors. CO2. To become aware about organizations giving Green Interior Certifications. CO3. To gain knowledge about Eco design approaches and techniques of Water Conservation. CO4. To understand the concepts of Energy Efficiency. CO5. To gain acquaintance regarding Green Interior materials. CO6. To become familiar with the aspects of Indoor Environment.										
Unit No.	Topic		Contact Hours	Weightage (%)	BT Level	CO	PSO	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)
	Introduction to Green Interiors									

UNIT-I	a. Need of Green Interiors b. Organizations and agencies giving Green Certification c. Eco Design approach and Water Conservation - Optimizing Circulation Space - Public Transportation Proximity - Tenancy in Green Facility - Techniques of Water Conservation	4	10%	1,2	CO1 , CO2 , CO3	PS O 11	ENT., EMP., SD	LNRG	ES, HV ,PE
UNIT-II	Energy efficiency and Green Interior materials a. Eco-friendly Refrigerants & Halogens b. Energy Efficient Interiors c. Energy Metering & Management d. On-site /Off-site Renewable Energy e. Embodied Energy a. Segregation of Waste, Post Occupancy b. Waste Management (During Installation) c. Local Materials d. Recycled Content Materials e. Salvaged Materials f. Eco Friendly Wood Based Materials g. Eco-certified Interior Furniture h. Purchase of Green Consumables	4	10%	1,2	CO4 , CO5		ENT., EMP., SD	LNRG	ES, HV ,PE

UNIT-III	Indoor Environment a. Tobacco Smoke Pollution b. Mandatory Requirement c. Fresh Air Ventilation d. Enhanced Fresh Air Ventilation e. Day lighting f. Thermal Comfort g. Ergonomic Design h. CO2 Monitoring i. Indoor Plants j. Material Acoustic performance k. Outdoor Views l. Minimize Indoor Pollutant Contamination m. Low-Emitting Materials n. Indoor Air Quality Management, During Installation o. Interior Flush out p. Occupant Well-being Facilities q. Dedicated Dining Spaces	4	10%		CO6		ENT., EMP., SD	LNRG	ES, HV, PE
	Practical's								
	Practical	Contact Hrs. (Weight age)		Course Code		BT Level	CO	PSO	
1.	Study and compare various green rating systems	48 (70%)				3,6	CO2	PSO 7	
2.	Observation of green interiors of existing residential building								
3.	Observation of green interiors of existing commercial building								
4.	Market survey of energy efficient equipments available in local market					3,6	CO2		
5.	Market survey of water efficient fixtures and faucets available in local market								
6.	Market survey of green building materials and those available in local market					3,6	CO2		
7.	ase study of existing residential building having green interiors					3,6	CO2		
8.	ase study of existing commercial building having green interiors					3,6	CO2		
9.	Design green interior for residential spaces					3,6	CO2		

10.	Design green interior design for commercial spaces			3,6	CO2	
11.	Proposing innovation in green interiors					
References						
1.	<i>Indian Green Building Council Green Interiors - For New & Existing Interior Fit-outs Version 1.0– Abridged Reference Guide. (2019).</i>					
2.	Booth N.K. and Hiss, J.E. (2012). <i>Residential Landscape Architecture – Design Process for the Private Residence</i> . Sixth Edition. Boston: Prentice Hall					
3.	<i>Bureau of Energy Efficiency Publications – Rating System</i> , TERI Publications –GRIHA Rating System. (2010)					
4.	<i>Smart and Sustainable Homes – Design Objectives. (2008).</i> Australia: Queensland Department of Public Works. The State of Queensland.					
5.	ECBC Code.(2007). <i>Bureau of Energy Efficiency</i> , New Delhi					
6.	Moxon, S. (2012). <i>Sustainability in Interior Design</i> . London: Laurence King Publishing					

 सत्यं धिष्णुं सुन्दरम् Estd 1949	NAAC Accredited “A” Grade Department of Family and Community ResourceManagement Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda					Academic Year		2023-24			
M. Sc. (F.C.Sc.) FCRM – Interior Design											
Year	I	Core / Elective / Foundation IDO 2106C07: Ergonomics In Interiors			Credits / Hours per week			03 (01+02) Credits /5Hours			
Semester	I	Year of Introduction: 2020 Year of Syllabus Revision: -2021			Maximum Marks / Grade			100			
Mode of Transaction		Lectures and Practical Work									
Course Outcome (CO) CO1.To familiarize with the concepts of Ergonomics and Anthropometry CO2. To study the Environmental Factors requiring human performance and various Postures. CO3. To learn about different Work surfaces and its Designing. CO4. To gain knowledge of the process of Assessment of Workstation and designing. CO5.To develop skills for designing spaces for Elderly, Children and Differently abled peopleaccording to Ergonomic Principles.											
Unit No.	Topic			Contact Hours	Weightage (%)	BT Level	CO	PSO	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)
UNIT- I	Introduction to Ergonomics and Anthropometry a. Fundamentals of Ergonomics and Human factors			4	10	1,2	C01	PSO9	ENT., EMP., SD	LNRG	HV, PE

	b. Human Body Systems								
UNIT- II	Anthropometrics & Human Centered Design - Static and Dynamic Postures - Human Centered Design: Concept & Meaning - Work-Space Design: Standing& Seating - Interpersonal Aspects of Workplace Design	4	10	1,2,3	CO2, CO3, CO4,				
UNIT-III	Components within a Physical Space & Environmental factors	4	10	1,2,3	CO2				
Practical's									
Sr.No.	Practical	Contact Hrs. (Weightage)		Course Code	BT Level	CO	PSO		
1.	Record Structural Anthropometric Data of the selected subjects.	48 Hours (70%)			2,3,4	CO1	PSO9		
2.	Record Functional Anthropometric Data of the selected subjects.				2,3,4	CO1			
3.	Record curvature of the spine of selected subjects while performing a single task continuously for the longer duration.				2,3,4	CO1			
4.	Ergonomic Assessment of a Visual Display Unit workstation				2,4,5	CO3			
5.	Study the effects of Environmental Parameter – Air Quality on Human Performance.				2,4,5	CO2			
6.	Study the effects of Environmental Parameter – Noise on Human Performance.				2,4,5	CO2			
7.	Study the effects of Environmental Parameter – Vibration on Human Performance.				2,4,5	CO2			
8.	Study the effects of Environmental Parameter – Thermal Index on Human Performance.				2,4,5	CO2			
9.	Record functional Anthropometric Measurements and propose a design of any Residential Spaces: a. Living Room b. Bedroom				2,4,5	CO3, CO4			

	c. Kid's Room d. Kitchen e. Wash Area					
10.	Record functional Anthropometric Measurements and propose a design of any Commercial Space: a. Cubicle with a Visual Display Unit b. Cubicle without a Visual Display Unit c. Office with a Visual Display Unit Office without a Visual Display Unit			2,4,5	CO3, CO4	
11.	Designing Ergonomically Designed Furniture Unit according to the Anthropometric Dimensions of selected subject.			2,3,6	CO4	
12.	Application of Principles of Ergonomics in designing spaces for Elderly.			2,3,6	CO6	
13.	Application of Principles of Ergonomics in designing spaces for Differently Abled.			2,3,6	CO6	

References

1.	Tillman, B., Fitts D.J., Woodson, W.E., Sundholm R.R. and Tillman P. (2016). <i>Human Factors and Ergonomics Design Handbook</i> . New York: McGraw Hill Education
2.	Nussbaumer, L. (2014). <i>Human Factors in the Built Environment</i> . New York: Fairchild Books
3.	Lehto, M. and Landry, S.J. (2013). <i>Introduction to Human Factors and Ergonomics for Engineers</i> . (2 nd Ed). London: Taylor & Francis Group
4.	Sanders, S.M. and McCormick, E.J. (2013). <i>Human Factors in Engineering and Design</i> . New Delhi: McGraw Hill Education (India) Pvt. Ltd.
5.	Bridger, E. (2009). <i>Introduction to Ergonomics</i> , 3 rd Edition, London : CRC Press Taylor and Francis Group
6.	Dalela, S. (2002). <i>Textbook of Work Study and Ergonomics</i> . (5 th Ed). Delhi : Standard Publishers & Distributors
7.	Pheasant, S. and Haslegrave C.M. (2001). <i>Bodyspace: Anthropometry Ergonomics and the Design of Work</i> . 3 rd Edition. London: CRC Press. Taylor and Francis Group
8.	Green, W.S. and Jordan, P.W. (1999). <i>Human Factors in Product Design</i> . London: Taylor & Francis.
9.	Salvendy, G. (1998). <i>Handbook of Human Factors and Ergonomics</i> . New York: John Wiley & Sons, Inc.
10.	Chakrabarti, D. (1997). <i>Indian Anthropometric Dimensions for Ergonomic Design Practice</i> . Ahmedabad: National Institute of Design
11.	Dul, J. and Weerdmeester, B. (1993). <i>Ergonomics for Beginners - A quick Reference Guide</i> . London: Taylor & Francis
12.	Grandjean, E. (1988). <i>Fitting the Task to the Man</i> . London: Taylor & Francis
13.	Panero, J and Zelnik, M. (1979). <i>Human Dimension and Interior Space</i> . New Delhi: Watson – Guptill Publication

**DEPARTMENT OF FAMILY AND COMMUNITY
RESOURCE MANAGEMENT**

**M.Sc. PROGRAMME
COURSE OUTLINES
INTERIOR DESIGN**

**FIRST YEAR
SEMESTER II**

 सत्यं शिरो सुन्दरम् Estd 1949		NAAC Accredited “A” Grade Department of Family and Community Resource Management Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda				Academic Year		2023-24			
M. Sc. (F.C.Sc.) FCRM – Interior Design											
Year	I	Core / Elective / Foundation IDO 2205C07: Furniture Design (Theory + Practical)			Credits / Hours per week			03(01+02) Credits /5 hrs			
Semester	II	Year of Introduction: 2020 Year of Syllabus Revision: -			Maximum Marks / Grade			100			
Mode of Transaction		Lectures and Practical Work									
Course Outcome (CO) IDO CO1.To acquire knowledge about the various Materials used in furniture. CO2. To learn the Production Sequence of furniture and Assemblies of its parts. CO3.To learn various Finishes used for furniture. CO4. To familiarize with the Principles and Techniques of Fabrication. CO5. To develop skill for designing furniture pieces having Multi-functional properties CO6. To develop ability of designing Modular Furniture Systems											
Unit No.	Topic			Contact Hours	Weightage (%)	BT Level	CO	PSO	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)
UNIT-I	Materials and Process of Furniture Assembly a. Materials: Wood and its types, Metal, Cane, Plastic, Fibre glass b. Introduction to the Psychological / Physical aspects of the seating and the measurement of comfort			5	10%	1,2	CO1, CO2	PSO 11	ENT., EMP., SD	LNRG	PE

	c. Flexible foams and fabrics, Fire hazard implications d. Furniture production sequence and Assemblies of its parts.								
UNIT-II	Furniture Finishes and Fabrication a. Finishes used for furniture viz. Varnish, Polish, Lacquer, Melamine, Paints, Staining b. Introduction to basic Principles and Techniques of Fabrication	5	10%	1,2	CO3, CO4				
UNIT - III	Space Saving Furniture Design (Multipurpose and Modular Furniture) a. Introduction to Modular concept in furniture design, its interchangeable properties b. Surface modulation and common interface of Modular furniture, its Fixtures and Fastening c. Standardization of components of Modular furniture d. Principles and Techniques of design as applied to the Development of Multi-purpose furniture	6	10%	1,2,3	CO5, CO6				

Practical's

	Practical	Contact Hrs. (Weightage)	Course Code	BT Level	CO	PSO
1.	Plan Furniture Layouts of different Interior Spaces viz. Living Room, Dining Area, Bedroom, Kitchen, Foyer, Corridor/Passage, Balcony etc.	64 (70%)	IDO	3,6	CO5, CO6	PSO11
2.	Design furniture for different Institutions viz. Kindergarten, Schools, Colleges, Hospitality Industry etc.			3,6	CO5, CO6	
3.	Design Multi-Purpose Furniture for any given space.			3,6	CO5, CO6	
4.	Survey Surface Modulation and Surface Interface for Modular Furniture.			1,2	CO5, CO6	
5.	Survey different Fixtures and Fittings used in Modular Furniture.			1,2	CO5, CO6	
6.	Design Modular Furniture for any given Interior Space.			3,6	CO5, CO6	
7.	Survey of various Techniques and Applications of Fabrication.			4,5	CO5, CO6	
8.	Survey and find out the Latest Trends in Materials used in Furniture Construction.			4,5	CO5, CO6	

9.	Survey and find out the Latest Trends in Finishes Applied on Furniture.			4,5	CO5, CO6	
References						
1.	Kasu, A. (2005). <i>An Introduction to Art, Craft, Science, Technique and Profession of Interior Design</i> . Delhi: Ashish Book Centre					
2.	Charlotte, F. and Peter F. (2001). <i>Modern Furniture Classics Since 1945</i> . New York: Thames & Hudson					
3.	Edwards, C.D. (1994). <i>Twentieth Century Furniture: Materials, Manufacture, and Markets</i> . Manchester University Press					
4.	Darby, T. (1993). <i>Making Fine Furniture: Designer Maker and their Projects</i> . United Kingdom: Guild of Master Craftsman Publications					
5.	Joseph De, C. and Callender, J. (1992). <i>Time Saver Standards for Architectural Types and Interior Design & Space Planning</i> . Singapore: McGraw Hill Book Co.					
6.	Kinsman, R. and Manser, J. (1992). <i>The Logical Art of Furniture</i> . London: Fourth Estate					
7.	Grandjean, E. (1988). <i>Fitting the Task to the Man</i> . London: Taylor& Francis					
8.	Gilliatt, M. (1981). <i>The Decorating Book</i> . United Kingdom: Michael Joseph Ltd.					
9.	Kawanari, T.T. (1979). <i>Design of Institutional Furniture</i> . California State University Long Beach					
10.	Critchlow, K. (1969). <i>Order in Space: A Design Source Book</i> . USA: Thames and Hudson					

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M. Sc. (F.C.Sc.) FCRM – Interior Design											
Year	I	Core / Elective / Foundation IDO 2206C08: Interior Space Design – Residential and Commercial (Theory + Practical)			Credits / Hours per week			04(01+03) Credits / 7 hrs			
Semester	II	Year of Introduction: 2020 Year of Syllabus Revision: -			Maximum Marks / Grade			100			
Mode of Transaction		Lectures and Practical Work									
Course Outcome (CO) IDO											
CO1. To acquire knowledge of Materials and Finishes used in different types of Residential and Commercial Spaces. CO2. To develop skills in designing the requirement of Residential Spaces.											
CO3. To develop skills in designing the requirement of Commercial Spaces.											
CO4. To develop skills in preparing Technical Working Drawings of Residential and Commercial spaces.											
Unit No.	Topic			Contact Hours	Weightage (%)	BT Level	CO	PSO	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)
UNIT- I	Case Study of Residential Spaces 1. Observe and analyze the Designing of different types of Residential Spaces. 2. Identification of Materials and Finishes used in different types of Residential Spaces.			6	10%	1,2,4,5	CO1	PSO6	ENT., EMP., SD	LNRG	PE

UNIT-II	Case Study of Commercial Spaces 1. Observe and analyze the Designing of different types of Commercial Spaces. 2. Identification of Materials and Finishes used in different types of Commercial Spaces.	10	15%	4,5	CO2, CO3, CO4				

Practical's						
	Practicals	Contact Hrs. (Weightage)	Course Code	BT Level	CO	PSO
1.	Selection and Planning of a Residential Project and preparation of Technical Working Drawings.	144 (75%)	IDO	3,6	CO4	PSO6
2.	Selection and Planning of a Commercial Project and preparation of Technical Working Drawings.			3,6	CO4	
3.	Professional presentation of an Interior Project.			3,6	CO4	
Reference Books						
1.	Bhatt, P.D., Goenka S., (1990). <i>Foundation of Art Design</i> . Bombay: Lakhani Book Depot.					
2.	Leinbac (1986). <i>Visualization Techniques</i> . New Jersey: McMillan.					
3.	Rangwala N. (1984). <i>Building Materials</i> . Bombay: Lakhani Book Depot.					
4.	Gustafsan K., Yes R., (1983). <i>Corporate Design</i> . London: Thomas and Hudson.					
5.	Laoch, S. D., (1983). <i>Techniques of Interior Design, Rendering and Presentation</i> . New York: McGraw Hill.					
6.	Butler, M. G. E., Greaks, B. S., (1980). <i>Fabric Furnishing</i> . London: ET Badsford Ltd.					
7.	Victoria, K. B., (1980). <i>The Art of Interior Design</i> . New York: McMillan & Co.					
8.	Grandjean E., (1979). <i>Human Dimensions and Interior Space</i> . New York: Whitney.					
9.	Chudley, R., (1978). <i>Construction Technology</i> . Vol. 1-2, New York: I-IBS Long man Ltd.					
10.	Alexander, N.J., Mercoust, B., (1972). <i>Designing Interior Environment</i> . New York: Havanovich Inc.					

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M. Sc. (F.C.Sc.) FCRM – Interior Design											
Year	I	Core / ~~Elective~~ / Foundation IDO 2209C09: Interior Design for Special Needs				Credits / Hours per week		03 (01+02) Credits /5 hrs			
Semester	II	Year of Introduction: 2020 Year of Syllabus Revision: -2021				Maximum Marks / Grade		100			
Mode of Transaction		Lectures and Practical Work									
Course Outcome (CO) IDO CO1.To analyze problems faced by differently abled people. CO2. To develop skill in designing Interior and Exterior spaces for people with special needs.											
Unit No.	Topic			Contact Hours	Weightage (%)	BT Level	CO	PSO	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)
UNIT- I	Introduction to types of disabilities and spaces used by differently abled a. Types of disabilities b. Mobility devices and Controls c. Classification of Buildings d. Different research institutions and their functions			4	10%	1,2	CO1	PSO 7	ENT., EMP., SD	LNRG	HV, PE

UNIT- II	Guidelines for Barrier Free Spaces • Basic anthropometrics • Special allowances • Accessible routes • Entrance, Doors and Windows • Wash, Bathroom and Shower areas • Kitchen and Storage	4	10%	1,2	CO2				
UNIT-III	Guidelines for Accessible • Sinages • Telephone and Automated Teller Machine • Alarms	4	10%	1,2	CO2				

Practical's

	Practical	Contact Hrs. (Weightage)	Course Code	BT Level	CO	PSO
1.	Market survey of equipments and materials available for people with special needs	48 (70%)		3,6	CO2	PSO 7
2.	Case study of existing residential building having elderly person			3,6	CO2	
3.	Case study of existing building used by differently disabled person			3,6	CO2	
4.	Design interior layouts, presentation drawings, detailed working drawings, and cost estimation of Kitchens for people with special needs.			3,6	CO2	
5.	Design interior layouts, presentation drawings, detailed working drawings, and cost estimation of Washroom and shower area for people with special needs.			3,6	CO2	
6.	Design interior layouts, presentation drawings, detailed working drawings, and cost estimation of Bedroom for people with special needs.			3,6	CO2	
				3,6	CO2	
7.	Design interior layouts, presentation drawings, detailed working drawings, and cost estimation of workstation for people with special needs.			3,6	CO2	
8.	Design ramps, slope, parking areas, circulation areas and lifts of Health Centres for people with special needs			3,6	CO2	
9.	Design for ramps, slope, parking areas, circulation areas and lifts of Shopping Malls for people with special needs			3,6	CO2	
10.	Design ramps, slope, parking areas, circulation areas and lifts of Auditoriums and Cinema halls for people with special needs			3,6	CO2	
11.	Design furniture for people with special needs.			3,6	CO2	

References	
1.	Joseph De, Chiara et.al. (1995). <i>Time Saver Standards for Building Types</i> . Singapore: McGraw Hill International.
2.	Joseph De, C. and Callender, J. (1995). <i>Time Saver Standards for Housing & Residential Development</i> . Singapore: McGraw Hill International
3.	CPWD Guidelines for Space Standards for Barrier Free Built Environment for Disabled & Elderly Persons. (1998). CPWD, New Delhi.
4.	Design Manual for a Barrier-Free Built Environment. (2006). UNNATI-Organisation for Development Education, Handicap International

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M. Sc. (F.C.Sc.) FCRM – Interior Design									
Year		I	Core / Elective / Foundation IDO 2210C10: Computer Aided Interior Design andPresentation			Credits / Hours per week		04 (00+04) Credits /08 hrs	
Semester		II	Year of Introduction: 2020 Year of Syllabus Revision: -2021			Maximum Marks / Grade		100	
Mode of Transaction			Practical Work						
	Course Outcome (CO) IDO CO1.To develop skill of drawing, designing and presentation using Auto-cad. CO2. To develop skill in learning detailing of designs for execution. CO3. To develop skill of drawing, designing and presentation using different designing Softwares.								
	Practical’s								
	Topic		Contact Hrs. (Weight age)	BT Level	CO	PSO	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)
1	3D Solid Editing Tools a) Union b) Subtract c) Interference d) Slicing e) Chamfering f) 3 D Rotation g) 3D Mirroring h) 3 D Arraying		16 (16%)	3,6	CO1, CO2	PSO8	ENT, EMP, SD	L,N,R,G	PE

2	Rendering with AUTOCAD a) Giving shadow effects b) Setting up lighting effects c) Assigning Textures to surface d) Choosing a background view	08 (8%)	3,6	CO1, CO2	PSO8		L,N,R,G	PE
3	3D Solid Modeling a) Making a floor plan b) Erecting walls on the plan c) Cutting doors way openings d) Subtracting window openings e) Finishing the 3 D model f) Putting a Roof on the cabin g) Making furniture's and inserting in Interiors h) Labeling i) 3 D views	18 (19%)	3,6	CO1, CO2				
4	Printing on AUTO CAD Drawing a) The plot dialogue box b) Paper size and paper units c) Drawing orientation and plot scale d) Shaded view port options e) Plot offset and plot options f) The plot Area g) Printing a drawing h) Determining line weights for a drawing i) Setting up the other parameters for the printing j) Previewing a print k) Printing the drawing	20 (21%)	3,6	CO1, CO2				
5	Advanced Projects a) Projects b) Furniture c) Residential area d) Commercial Area e) Documentation of the projects	10 (10%)	3,6	CO1, CO2			L,N,R,G	PE

6	Google Sketch Up a) Managing Units of Measurement b) Creating a 3D Model c) Customizing Sketch Up d) Communicating Your Designs e) Using Sketch Up Data with Other Modeling Programs or Tools f) Fixing an Issue in Sketch Up g) Sketch Up Hardware and Software Requirements h) Color Blindness Features	12 (13%)	3,6	CO3				
7	3Ds Max a) Setting up New Model b) Units Set up c) Grid and Snap Settings d) Interface e) View ports f) Material Editor g) Modeling h) Animation i) Rendering the drawing	12 (13%)	3,6	CO3				

References

1.	<i>Auto CAD Help 3D.Versions available from year 2013 to 2021.</i>
2.	Finkel stein. Ellen (2005). <i>Auto CAD 2006 and Auto CAD 2006 Bible</i> . New Delhi, Wiley Publishing, Inc.
3.	Frey, D. (2005). <i>Auto CAD 2004</i> . New Delhi, BPB Publication.
4.	Omura, George and Pal, Richardson (2004). <i>Auto CAD Instant Reference</i> , New Delhi, BPB Publication.
5.	Shrock, Cherlfi, R (2006). <i>Exercise work book for beginning Auto CAD 2006</i> , New Delhi, New Age International Publishers.
6.	Whelan, P. (2006). <i>Auto CAD</i> . New Delhi, Dream tech press.

 सत्यं शिवं सुन्दरम् Estd 1949	NAAC Accredited “A” Grade Department of Family and Community Resource Management Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda						Academic Year	2023-24		
M. Sc. (F.C.Sc.) FCRM – Interior Design										
Year	I	Core / Elective / Foundation IDO 2211F01: Services and Cost Estimation in Interior Design			Credits / Hours per week			3(1+2) Credits/ 5 Hrs		
Semester	II	Year of Introduction: 2020 Year of Syllabus Revision: -2021			Maximum Marks / Grade			100		
Mode of Transaction		Lectures and Practical								
Course Outcome (CO) IDO CO1. To learn about the services related to interiors of a Building. CO2. To develop skills in preparing technical drawings of services in Interiors. CO3. To acquire knowledge & skills in Cost estimation of Interior Design Project.										
Unit No.	Topic		Contact Hours	Weightage (%)	BT Level	CO	PSO	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)
UNIT-I	Essential Services in Interior Design 1. Plumbing: Water supply and Drainage. 2. HVAC Systems. 3. Electrical Services.		4	8	1,2	CO1	PSO12	EMP, SD	LNRG	PE
UNIT-II	Other Services in Interior Design 1. Fire Protection 2. Acoustics 3. Telecommunication and Home Automation		4	8	1,2	CO1				
	4. Elevators and Escalators									

UNIT-III	Cost Estimation in Interior Design 1. Types of Estimates : Detailed estimate and Approximate estimate 2. Quality and Quantity Aspects 3. Methods of Estimating 4. Factors Affecting Estimation	4	7	2,3,4	CO3				
UNIT-IV	Calculation of Estimate in Interior Design 1. Survey of Material Cost and Labour Cost (Surface Treatments, Furniture, Furnishings, Hardware, etc.) 2. Details of Measurements and Calculations of Quantities 3. Abstract of Estimated Cost	4	7	3,4,5,6	CO3				
Practical's									
No.	Practical			Contact Hrs Weightage (%)	Course Code	BT Level	CO	PSO	
1	Study and Understand the technical layouts of building services			32 (70%)		1,2	CO1, CO2, CO3	PSO12	
2	Case study of Building Services of Under Construction Project								
3	Market Survey for Material Cost and Labour Cost for Interior Design Projects.								
4	Calculation of Estimation Sheets for a Project.								
References									
1.	Namavati R., (2013). <i>Professional Practice : With elements of Estimating, Valuation, Contract & Arbitration</i> . Mumbai, Maharashtra: Lakhani Book Depot.								
2.	Suresh B.N., (2006). <i>Estimating & Consting(For The Course Of Construction Technology)</i> . Andhra Pradesh, Hyderabad.: The Telugu Akademi,								
3.	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.								
4.	Kasu, A. (2012). <i>Interior Design (5th ed.)</i> . Mumbai: Ashish Book Center, Chamber D. N. Road.								
5.	McKay, W. (2013). <i>Building Construction (Vol. I, II, III, IV,)</i> . Delhi: Pearson Education.								

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M.Sc. (FCRM): Regular Programme											
Year	I	Core / Elective / Foundation FCR 2207104: Trends in Interior Design (Theory)			Credits / Hours per week			(02+00) Credits / 2 hrs			
Semester	II	Year of Introduction: 2020 Year of Syllabus Revision:			Maximum Marks / Grade			100			
Mode of Transaction		Lectures and Practical Work									
Course Outcome (CO) FCR											
CO1.To help students acquire knowledge on the various Materials and the current trends and innovations in the usage of Interior Design Materials.											
CO2 To make students aware about trends in Environment Friendly Interiors.											
Unit No.	Topic			Contact Hours	Weightage (%)	BT Level	CO	PSO	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)
UNIT- I	Trends in Interiors in Last Decade			32	50						
	1. Interior design projects undertaken by the famous designers 2. Trends in Walls, Floors and Ceiling Materials 3. Trend in Furniture and Furnishings in last decade					1,2	CO1		EMP ENT SD	L R G	ES PE

	4. Trend in the furniture fittings and fixtures 5. Trend in doors and windows fittings and fixtures 6. Trend in Lighting fittings and fixtures								
UNIT- II	Trends in Environment Friendly Interiors		50						
	1. Trend in Green Building Materials 2. Trend in Green Eco-Friendly Materials used on wall, floor and ceiling 3. Trend in Eco-friendly Materials used in Furniture and Furnishings			1,2	CO2	PSO6	EMP ENT SD	L R G	ES PE
	Assignments								
	1. Comparative study of interior projects of different sites of the country. 2. Study of small budget interior projects. 3. Study of large budget interior projects. 4. Study the evolution of interior trends from past to present.								
References									
1.	Gvaeme, B. and Weinthal, L. (2017). <i>The Handbook of Interior Architecture & Design</i> . USA: Bloomsburg Publishing Plc.								
2.	Kasu, A. (2012). <i>Interior Design</i> . Mumbai: Ashish Book Center(5 th Ed.). Chamber D. N. Road,								
3.	Gandotra, V., Shukul, M., Jaiswal, N. (2011). <i>Interior Design and Decoration</i> . New Delhi: Dominant Publishers								
4.	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.								
5.	Bindra, S.P. and Arora, S.P. (2000). <i>Building Construction: Planning Techniques and methods of Construction</i> . (19 th Ed.). New Delhi, Dhanpat Rai Publication								
6.	Barry. R. (1996). <i>The Construction of Buildings</i> . New Delhi: Affiliated East-west Press Pvt. Ltd.,								
7.	Nissen, L., Faulkner S. and Faulkner R. (1994). <i>Inside Today's Home</i> 6 th Ed. United States:Cengage Learning.								
8.	Moxley, R. Mitchell, G.A., and Mitchell, A. (1961). <i>Mitchell's Elementary Building Construction</i> , Allied Publishers Private Limited, 1961.								

**DEPARTMENT OF FAMILY AND COMMUNITY
RESOURCE MANAGEMENT**

**M.Sc. PROGRAMME
COURSE OUTLINES
INTERIOR DESIGN**

**SECOND YEAR
SEMESTER I**

 सत्यं शिवं सुन्दरम् Estd 1949		NAAC Accredited “A” Grade Department of Family and Community Resource Management Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda				Academic Year		2023-24	
		M.Sc. (FCRM):Regular Programme							
Year	II	Core / ~~Elective~~ / ~~Foundation~~ FCR2307C01: Extension In Resource Management (Practical)				Credits / Hours per week		02 (00+02)/ Credits /4 hrs	
Semester	I	Year of Introduction: 2020 Year of Syllabus Revision: -				Maximum Marks / Grade		100	
Mode of Transaction		Practical							
Course Outcome (CO)FCR CO1 To help students acquire knowledge about the basic concepts of Extension Education. CO2 To make students aware about the Extension Development and Community Development Programme. CO3 To develop ability of students in Planning, Executing and evaluating extension programme.									
Practical's									
No.	Topics		Contact Hrs (Weightage)	BT Level	CO	PSO	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)
1	Develop a need-based Community Outreach Intervention program		64 (100%)	3,5	CO1	PSO4	EMP ENT SD	L N R G	G ES HV PE
2	Identify needs of the selected community and target groups.			3,5	CO1				
3	Plan need based Extension Programmes for the selected community group with specific reference to Resource Management			3,5	CO2, CO3				
4	Develop lesson plans to execute the Intervention Program			3,5	CO2, CO3				

5	Preparation of visuals (projected & non-projected); Designing & Layout of visuals for Charts, posters, headliners etc., Generating computer – aided presentation graphics, preparation of visuals.	3,5	CO2, CO3				
6	a. Development of Monitoring and Evaluation framework. b. Report writing and documentation techniques	3,5	CO2, CO3				
7	Field visit to NGOs to understand the functions of management decision making and various program run by NGOs and limitation faced by them.	3,5	CO2, CO3				

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M. Sc. (F.C.Sc.) FCRM – Interior Design								
Year	II	Core / Elective / Foundation IDO2309F05: Model Making			Credits / Hours per week		03(00+03) Credits /6 hrs	
Semester	I	Year of Introduction: 2020 Year of Revision: -2021			Maximum Marks / Grade		100	
Mode of Transaction		Practical’s						
Course Outcome (CO)IDO 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 Hrs (Weight age)	BT Level	CO	PSO	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)
1	Model making: Scales and Material used		1,2	CO1	PSO8	SD	L N R G	PE
2	Market Survey of different Materials for Model Making		1,2	CO1				
3	Making Models for Non-structural components are parapet walls, door and windows, furnishings fixtures, partitions or partition walls, tiles, paint etc.		1,2,3	CO1				
4	Making Models for Structural Elements of the Building are as follows: - Foundation - Plinth - Wall and Pier in Superstructure, Shear wall - Column		3,4	CO2				

	• Slab • Beam • Roof • Staircase • Lintel, and Weather Shade							
5	Model making for Types of Backgrounds of Living: Walls, Floors and Ceiling	72 (100%)	2,4	CO2				
6	Models for different Types of Doors and Windows and Window Treatments		2,3,6	CO2				
7	Models for Built-in Furniture		3,4,6	CO2				
8	Models for Seating and Resting Furniture		2,3,6	CO2				
9	Full-fledged model for Residential unit with different Activity Areas		2,3,6	CO2				
10	Types of Kitchen Models		2,3,6	CO2				
11	Landscape Models-Balcony, Vertical Garden, Terrace Garden		2,3,6	CO2				
12	Full-fledged model for any Commercial unit with Furniture Planning.		2,3,6	CO2				
References								
1.	Francis D. Ching, F. (2008). <i>Building Construction Illustrated</i> . USA: Wiley.							
2.	Rangwala. (2004). <i>Building Construction</i> . (22 nd ed.). Anand, Gujarat: Charota Pub. House.							
3.	Sushil. (2003). <i>Text Book of Building Construction</i> (19 th ed.). Delhi: Standard Publication.							
4.	Susan, B. (2000). <i>The Art of hand built ceramics</i> . Crowood Press.							
5.	Tapert, A., Swid, P. (1990). <i>Objects by Architects</i> . New York: Rizzoli.							
6.	Chowdary. (1990). <i>Engineering Materials used in India</i> (7 th ed.). New Delhi: Oxford and IBH.							
7.	Leinbac (1986). <i>Visualization Techniques</i> . New Jersey: McMillan.							
8.	Robert, G.V. (1983). <i>Rendering with Pen and Ink</i> . London: Hudson Themes.							

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M. Sc. (F.C.Sc.) FCRM – Interior Design										
Year	II	Core / Elective / Foundation IDO 2310F06: Lighting Designs			Credits / Hours per week		3(1+2) Credits /5 hrs			
Semester	I	Year of Introduction: 2020 Year of Revision: 2021			Maximum Marks / Grade		100			
Mode of Transaction		Lectures and Tutorials								
Course Outcome (CO) IDO CO1. To learn the Lighting concepts, Rendering light and Colours in lighting design. CO2. To become aware about Symbols, Guides, Codes, Fixture schedules, Compliance and Regulations related to lighting design. CO3. To study different means of Light Control Systems. CO4. To develop competency in lighting design, its installation according to specifications. CO5. To become aware about different lighting trends in interiors.										
Unit No.	Topic		Contact Hours	Weightage (%)	BT Level	CO	PSO	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)

UNIT-I	Lighting Design Process 1. Lighting concepts 2. Rendering light and documentation 3. Layouts and symbols/guide/codes 4. Colours in lighting design 5. Fixture schedules, compliance and regulations	05	10	1	CO1	PSO 11	SD	G	PE
UNIT-II	Means of Light Control, Techniques, Installation and Specifications 1. Modification of light 2. Materials providing specular and non-specular reflection 3. Transmitting materials 4. Lighting environment shade and shadow, control of daylight Lighting levels and specifications	06	10	1,2	CO2.3				
UNIT-III	Lighting Trends 1. Lights and Domotics (Smart Lighting Control Systems) 2. Interpretative Lighting Design (Expressive lighting) 3. Moving lights Energy efficient Lighting	05	10	1, 2, 3	CO5				

Sr.No.	Practical's	Contact Hours (Weightage)	Course Code	BT Level	CO	PSO
1.	Plan a Layout of Residential Unit using with Symbols, Guides and codes.	48 (70%)		1,2,3	CO2	
2.	Plan a Lighting Layout of Commercial Unit using with Symbols, Guides and codes.			1,2,3	CO2	
3.	Market survey on Latest trends of lighting system used in commercial and Residential area			1,2,3	CO5	
4.	Design any product will include lighting design and calculate the cost estimate of the product.			1,2,3	CO4	
5.	Plan a lighting design for the areas considering with suitable illumination levels. -Living Area - Study Room -Bedroom			1,2,3	CO3	
6.	Plan a lighting design for the areas considering with suitable illumination levels. - Kitchen -Dining Area			1,2,3	CO3	
7.	Plan a lighting design for the areas considering with suitable illumination levels. -Bedroom of Kids, Elder, Guest, Parents.			1,2,3	CO3	
8.	Plan a lighting design for the areas considering with suitable illumination levels for commercial area - Interior Designer Office -Tailor Shop - Beauty Parlor			1,2,3	CO3	
9.	Plan a lighting design for the areas considering with suitable illumination levels. -Landscaping and Gardening -Terrace Garden			1,2,3	CO3	
10.	To write Process of designing lighting installations.			1,2,3	CO3	

References

1.	Tregenza, P. and Loe D. (2013). <i>The Design of Lighting</i> . London: Routledge
2.	Whitehead, R. (2015). <i>Home lighting Ideas Dining Rooms & Kitchen</i> . New Jersey: John Wiley & Sons
3.	Whitehead, R. (2015) <i>Home Lighting Ideas Bedrooms & Baths</i> . New Jersey: John Wiley & Sons

4.	Whitehead, R. (2008). <i>Residential Lighting – A Practical Guide</i> . 2 nd Ed. New Jersey: Newark John Wiley & Sons
5.	Nonie, N. (1999). <i>Lighting</i> . USA: Mitchell Beazley
6.	Davidson, J. (1997). <i>The Complete Home Lighting Book</i> . UK: Casell
7.	Myerson, J. (1996). <i>International Lighting Design</i> . London: Laurence King Publishing
8.	Turner, J. (1994). <i>Lighting- An Introduction to Light, Lighting and Light Use</i> . London: Batsford
9.	Joseph De, C. and Callender J. (1992). <i>Time Saver Standards for Architectural Types and Interior Design & Space Planning</i> . Singapore: McGraw Hill Book Co.

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M. Sc. (F.C.Sc.) FCRM – Interior Design										
Year	II	Core / Elective / Foundation IDO2311F07: Landscape and Garden Designs				Credits / Hours per week		03(1+2) Credits /5 hrs		
Semester	I	Year of Introduction: 2020 Year of Syllabus Revision: -2021				Maximum Marks / Grade		100		
Mode of Transaction		Lectures and Practical								
Course Outcome (CO) IDO CO1. To become familiar with the history of Landscaping and Garden Design. CO2. To acquire knowledge regarding Fundamentals of Landscape or Garden Design. CO3. To gain an insight about the Modern Trends in Gardening CO4. To learn the rendering Techniques in Landscape Design. CO5. To develop skills in designing Residential, Commercial and landscape design for Special Need.										
Unit No.	Topic		Contact Hours	Weightage (%)	BT Level	CO	PSO	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)
UNIT-I	History and Contemporary Perspective in landscaping/Garden		2	4	1,2	CO1	PSO10	EMP, SD	LNRG	ES, HV
UNIT-II	Fundamental of Landscape/Garden Design 1. Components and Principles of Landscaping/Gardening 2. Land and Water 3. Vegetation 4. Circulation and Pathways 5. Enclosures		7	13	1,2,3	CO2				
	6. Water Drainage System									

UNIT-III	Modern Trends in Gardening 1. Terrace Garden and Roof Garden 2. Rock Garden 3. Bonsai Garden 4. Hanging Garden 5. Kitchen Garden 6. Vertical Garden 7. Artificial Garden 8. Balcony Garden 9. Terrarium and Container Garden 10. Sustainable Designs for Garden	7	13	1,2,3	CO3			
	Practical's							
	No.	Practical	Contact Hours (Weightage)	Course Code	BT Level	CO	PSO	
	1	Rendering in Landscape Drawings	48 (70%)		3,6	CO4	PSO10	
	2	Balcony Garden for Residential Space			3,6	CO5		
	3	Terrace Garden for Residential Spaces			3,6	CO5		
	4	Landscape Designing for Garden Restaurant			3,6	CO5		
	5	Landscape Designing for Commercial Space			3,6	CO4		
	6	Rock Garden for Residential and Commercial Spaces			3,6	CO5		
	7	Bonsai Garden for Residential and Commercial Spaces			3,6	CO5		
8	Kitchen Garden Planning for Residential Space	3,6			CO5			
9	Vertical Garden for Residential and Commercial Spaces	3,6			CO4			
10	Artificial Garden in Residential and Commercial Spaces	3,6			CO5			
11	Designing Terrarium and Container Garden	3,6			CO5			
References								
1.	Kasu, A. (2012). <i>Interior Design</i> . (5 th Ed.). Mumbai: Ashish Book Center, Chamber D. N. Road.							
2.	Harris, C. W. and Dines, N. T., (2011). <i>Time-Saver Standards for Landscaping Architecture</i> . (2 nd Ed). New York: McGraw Hill Publishing Company.							
3.	Bhatt, P. (1999). <i>Landscape Architecture</i> . (Pp. 608-629). Kolkata: Naya prokash Publishing Co.							
4.	Harris, C. W. and Dines, N. T., (1998). <i>Time-Saver Standards for Landscaping Architecture</i> . (2 nd Ed.). New York: McGraw Hill Publishing Company.							
5.	Bose, T.K. (1991). <i>Tropical Garden Plants</i> . Calcutta: Horticulture and Allied Publishers.							
6.	Faulkner, S. and Faulkner R. (1960). <i>Inside Today's Homes</i> . New York: Holt Rinchart and Winston Inc.							
7.	Tessie, A. (1956) <i>The House, its plan and its use</i> . New York: Lippen co. Pvt. Ltd.							
8.	Rutt, A. (1949). <i>Home Furnishing</i> . New York: John Willey and Sons Inc.							

 THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA सत्यं शिवं सुन्दरम् Estd 1949	NAAC Accredited “A” Grade Department of Family and Community Resource Management Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda					Academic Year		2023-24			
M. Sc. (F.C.Sc.) FCRM – Interior Design											
Year	II	Core / Elective / Foundation IDO2312F08: Internship in Interior Design Industry		Credits / Hours per week				06 (00+06) Credits /12 hrs			
Semester	I	Year of Introduction: 2020 Year of Syllabus Revision: -2021		Maximum Marks / Grade				100			
Mode of Transaction		Practical’s									
Unit No.	Topic			Contact Hours	Weightag (%)	BT Level	CO	PSO	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)
UNIT-I	Internship will be organized with different organizations to place the students according to their field of sub-specialization. The staff in charge will work out the details of operation and evaluation with the officials of the organization concerned. The time of on the internship would range between 25-30 days. The students would be required to work with the concerned organization to get experience in various functions carried out by them, and competencies required.			96	100	3.4.5	-	PSO3	EMP ENT SD	L N R G	HV, PE

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M.Sc. (FCRM): Regular Programme											
Year	II	Core / Elective / Foundation FCR2308I03: EVENT MANAGEMENT				Credits / Hours per week		2 (2+0) Credits /2hrs			
Semester	I	Year of Introduction: 2020 Year of Syllabus Revision:				Maximum Marks / Grade		100			
Mode of Transaction		Lectures									
Course Outcome (CO)FCR CO1. To get knowledge regarding scope of Event Management and its related concepts. CO2. To understand administration and co-ordination in Event Management. CO3. To become aware of the qualities of good Event Manager.											
Unit No.	Topic			Contact Hours	Weightage (%)	BT Level	CO	PSO	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)
UNIT-I	Events and Event Manager a) Definition and Characteristics of Events b) Types, Structure and Key elements of Events. c) The five W’s to produce effective Events(Why, Who, When, Where and What)			8	25%	1,2	CO1	PSO2	ENT., EMP. SD	LNRG	HV, PE

	d) Qualities of Good Event Manager								
UNIT-II	Administration in Event management a) Developing an Event Plan b) Implementing the Event Plan c) Evaluating the Event Plan	10	30%	1,2	CO2				
UNIT-III	Coordination in event management a) Managing contracts b) Management at the venue c) Premising for Event Management	10	30%	1,2	CO2				
UNIT-IV	The Event Management Profession a) Challenges and Career Opportunities	4	15%	1,2	CO3				

References

1.	Gaur. S. and Saggere. S. (2011). <i>Event Marketing Management</i> . New Delhi : Vikas Publishing House Pvt. Ltd.
2.	Goldblatt .J. (2007). <i>Event Management-Multidisciplinary Professions</i> . New Delhi: Wiley Eastern.
3.	Mehndiratta. V. (2009). <i>Career in Event Management</i> . Chandigarh :Abhishek Publications.
4.	Mittal. R. (2013). <i>Event Management in Leisure and Tourism</i> . New Delhi: Royal Publications.
5.	Singh. S. (2009). <i>Event Management</i> . New Delhi: APH Publishing Corporation.

**DEPARTMENT OF FAMILY AND COMMUNITY
RESOURCE MANAGEMENT**

**M.Sc. PROGRAMME
COURSE OUTLINES
INTERIOR DESIGN**

**SECOND YEAR
SEMESTER II**

 सत्यं विदुः सुन्दरम् Estd 1949	NAAC Accredited “A” Grade Department of Family and Community Resource Management Faculty of Family and Community Sciences The Maharaja Sayajirao University of Baroda						Academic Year	2023-24	
M.Sc. (FCRM): Regular Programme									
Year	II	Core / ~~Elective~~ / Foundation FCR2406C03: DISSERTATION			Credits / Hours per week			15 (0+15) Credits/ 30 Hrs	
Semester	II	Year of Introduction: 2020 Year of Syllabus Revision:2021			Maximum Marks / Grade			100	
Mode of Transaction			Practicals						
Course Outcome (CO) FCR									
CO1. To learn to find related reference materials.									
CO2. To learn critical appreciation of the cases, and to analyse, condense and evaluate the activities and reports.									
CO3. To get trained to conduct survey and interview and to summarize the study.									
CO4. To develop an ability to effectively present the dissertation (Research Study) project.									
No.	Practical	Weightage (%)	Course Code	BT Level	CO	PSO	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)
1	Introduction of Dissertation/project	100%		3,4,5	CO1 CO2 CO3 CO4	1,3	ENT, EMP, SD	L,N,R,G	HV, PE
2	Procedure to conduct the research and carrying out the research								
3	Selection of topic of dissertation								

	research								
4	Guidance to the students by respective guide appointed by the institute.								
5	Presentation of each chapter of dissertation by individual students of: a) Introduction b) Review of Literature c) Methodology and Tool description validation and Reliability testing d) Findings and Discussion of descriptive and relational statistical analysis e) Summary Conclusion & Recommendation f) Bibliography								
References									
1.	Kamat, R. & Udupi, S.: “Research Methods”, Department of P.G. Studies & Research, SNDT Women’s University, Juhu, Mumbai-400049.								
2.	Kamath,R and UdipiShobha, (2009), Thesis and Scientific Writing: Process, Form and Content, Agrotech Publishing Academy, Udaipur.								
3.	Kothari C. R. and Garg G., (2014) Research Methodology: Methods and Techniques. 3rd Ed., New Delhi, New Age International (P.) Ltd. Publishers.								
4.	Best. John. W., and Kahn, James V., (1986) Research in Education. 5th Ed., New Delhi: Prentice-Hall of India Pvt. Ltd.								