



# Faculty of Family and Community Sciences

The Maharaja Sayajirao University of Baroda  
Vadodara



**2017 - 2018**

## **VISION**

**Striving to create an equitable and gender just society that ensures better quality to individuals, families and communities.**



## **MISSION**

- **Sustain an environment of academic excellence and innovative research, with a conscious focus on indigenous perspective and enable students to think global and act local.**
- **Create professionals with sound knowledge base and dynamic applications for government, industries, voluntary organizations and entrepreneurship.**
- **Contribute to positive social change through transfer of technical know-how to academic, research and training institutions and community outreach programs.**



## **Faculty of Family and Community Sciences**

---

**The Maharaja Sayajirao University of Baroda  
Vadodara**

## **Prospectus**



**2017-2018**

# CONTENTS

---

<b>Sr. No.</b>	<b>CONTENT</b>	<b>PAGE</b>
1.	About the Faculty of Family and Community Sciences	1
2.	Grade Evaluation System	7
3.	Department of Clothing and Textiles	12
4.	Department of Extension and Communication	19
5.	Department of Foods and Nutrition	27
6.	Department of Family and Community Resource Management	49
7.	Department of Human Development and Family Studies	61
8.	General Level Programme OR Composite Programme	70
9.	Women's Studies Research Centre	73
10.	Choice Based Credit System Courses	73
11.	Staff List of the Faculty of Family and Community Sciences	81

**ATTENTION**

**PLEASE REFER ADMISSION MANUAL BEFORE  
APPLYING ON UNIVERSITY WEBSITE**

# **THE DEVELOPMENT OF FACULTY OF FAMILY AND COMMUNITY SCIENCES AT THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA**

---

From humble beginnings in December 1948 the Faculty of Home Science has evolved into a premier institute encompassing dynamic fields of studies. The faculty comprises five major fields of specialization: Clothing and Textiles, Extension and Communication, Family and Community Resource Management, Foods and Nutrition, and Human Development and Family Studies along with Composite Program.

Over the past six and a half decades the faculty has made conscious efforts towards redefining and broadening its view in response to the rapidly changing national and global scenario. Grounded in the philosophy of ensuring individual, family and social well-being, the programme offers a judicious mix of basic and applied disciplines.

## **The Major Objectives of the Faculty of Family and Community Sciences are:**

1. To create a class of professionals in five major fields, which are, Clothing and Textiles, Extension and Communication, Food and Nutrition, Family and Community Resource Management, and Human Development and Family Studies, suitable for Government, Industries, and voluntary organizations and self-employment.
2. To train the students and widen their horizons by exposing them to micro and macro level issues in the changing scenario of the social and technical environment.

Students are encouraged to develop their faculties through independent learning and research under the constant guidance of able and qualified teachers. At the end of the program students emerge out as multifaceted personalities with a clear perspective and abilities to undertake their role as professionals and entrepreneurs. In addition, graduation in the Faculty of Family and Community Sciences also opens up new avenues for professional development in various fields such as Social Work, Hotel Management, Interior Design, Food Industries, Public Health and Dietetics, Textile and Fashion Industries, Communication, Journalism and Education, Government, Non Government and Corporate Social Responsibility of Public Sector.

## **STUDENTS SUPPORT:**

### **At Faculty level**

➤ **Dean of Students**

Dean, Faculty of Family and Community Sciences appoints one of the teaching faculty members to function as Dean of students who looks into the students concerns and creates student friendly atmosphere with the help of the faculty members by developing effective liasoning and advisory system. The Dean of Student also facilitates and organizes Student Programmes such as admissions, orientations, welcome party and the programmes with the Non Government and Government Organizations like blood donation, thalassemia testing, counseling for various issues.

➤ **Dean of Sports**

➤ **Teacher Supervisor**

➤ **Family and Community Sciences Students' Association**

It consists of executive committee members headed by Dean, Dean of Students, Vice president, General Secretary, Faculty representative and student members. The association organizes the curricular and extracurricular activities and programs for student's development and welfare.

## **STUDENTS FACILITIES AT THE FACULTY AND UNIVERSITY LEVEL:**

### **Faculty Level Facilities are:**

- **Air-conditioned Auditorium with the seating capacity of 165 people**
- **Computer Laboratory**
- **Parking facilities with security cameras**
- **Canteen**
- **Student's lounge**
- **Reading room**
- **Smart classrooms (2) with LCD projectors**
- **LED Scrolling message board at the Faculty Exam Section**

## University level Facilities for the Students are:

### A. GENERAL FACILITIES

- **Smt. Hansa Mehta Library**

Smt. Hansa Mehta Library, a state of art Library is the first in the state to provide Wi-Fi facility to its clientele. Library is under surveillance through a closed circuit television with the help of 24 cameras located strategically around various functional areas. It has a rich collection of 3000+ prescribed textbooks and bound journals of more than one lakh, out of which some are as old as Nineteenth Century available till date.

The Library has a digital collection of rare books in house to create an Institutional Repository to serve the readers globally.

It has a reading room area of 10,600 sq. ft. having seating capacity of 1550+ readers with separate reading area for girls, researches/ teachers. To serve the visually challenges and people with low vision, Zoomex Instant Text Reader has been procured.

*Refer website: [hmlibrary.ac.in](http://hmlibrary.ac.in) for further details.*

- **University Health Centre**

The University Health Centre provides consultation, investigations, specialists' services, treatment facilities for all common ailments, minor surgical treatment and counseling services to the staff, their dependents and students of The Maharaja Sayajirao University of Baroda. Limited facilities for admission under observation, administration of intravenous fluids, immunization services and supportive laboratory are also available.

- **MARG Counseling Centre at the University Health Centre**

Counseling, Psychotherapy, Psychiatric treatment and Psychological testing are offered by MARG Counseling Centre functioning at the University Health Centre on voluntary basis. It provides treatment in cases of mental health problems, stress and substance abuse to the University staff, their children and family members, as well as youths, school children and general public of Vadodara.

- **Halls of Residence for Boys and girls Separately**

The Maharaja Sayajirao University of Baroda has one of the largest hostel campuses in the Western India. 12 Boys Hostel and 4 Girls Hostel and a separate Hostel for SC/ST

are spread over the area of approximately 100 acres accommodating approximately 3800 students.

- **Union Pavilion Ground**

The Union Pavilion Ground has facilities like swimming pool, athletic track, badminton court, basketball court, tennis court, volleyball court, kho-kho court, handball court, hockey field, cricket field, football field, kabaddi court, indoor table tennis hall and multi gym maintained by the Department of Physical Education.

- **University Student's Facilitation Centre**

Student's Facilitation Centre serves as a help desk in The Maharaja Sayajirao University Main office to provide a one-point interface between students and university administration for information requirements, transactions related to examination and results, various issue of documents, payments for various services and purchase of publications. A helpline with videophone and well-informed staff member at the reception are the key aspects of the centre.

- **The Centre for Lifelong Learning and Extension**

The Centre for Lifelong Learning and Extension is active in the field of Continuing Education in and around Vadodara since the last four decades. The center was established to cater the felt needs of the society with the resources available in the University and from the community at large. The Centre offers short-term courses ranging from fifteen days to three months, and long-term courses ranging from six months to one year.

- **University Employment Information and Guidance Bureau**

This Bureau is run by Employment and Training Department (Labor and Employment) Government of Gujarat since 1964. It deals with the work of Vocational Guidance activities as well placement services. All master degree holders, engineering graduates and professional degree holders, and unemployed candidates are registered and the placement services are provided to them.

- **National Cadet Corps (NCC)**

NCC is one of the biggest youth forums, which brings the vibrant students together and guides them in proper direction so that they can play a constructive role in the development of the country. These students have enormous opportunities to show their talent and skills. Besides Military Training they have an opportunity for adventurous

activities, which gives them wide horizon and keeps them morally and mentally fit so that they become well discipline members of the society.

- **National Service Scheme (NSS)**

National Service Scheme is aimed at personality development of students through community services. NSS is centrally managed programme enrolling student volunteers from different faculties of the University. Volunteers are involved in varied activities which include environment conservation, HIV/AIDS, health awareness, literacy and special campaign.

- **MSU Union**

The Maharaja Sayajirao University Union is statutory corporate body of the students and teachers to promote academics, social interaction, sports and cultural interests amongst the students. It works towards the development of student facilities.

- **Computer Centre**

The Maharaja Sayajirao University-Computer Center was established to facilitate not only the research students and teachers for their research data processing but also different industries like Oil and Natural Gas Corporation (ONGC), Gujarat Electricity Board (GEB), Indian Petrochemical Corporation Limited (IPCL) etc. The Computer Center assists in computerization of the University applications like examination result processing system, payroll system, network facilities, internet connectivity, deployment of web-based services and training of manpower and as facilitator for international academic interactions.

- **Prof. C. C. Mehta Auditorium**

The C. C. Mehta Auditorium has been effectively used by the University and the other Institutions for academic, cultural, social or the business purposes since its establishment.

- **University Guest House**

The University Guest House is located in the heart of the University Campus, just besides the Vice Chancellor's Bungalow. It provides comfortable facilities for staying on the campus. It has 30 rooms with different types of comforts.

- **Women's Grievance and Counseling Cell**

- **Internet (Wi-Fi) Facility**

- **Concession Forms for Bus and Rail Travel**
- **Thalassemia information:** Thalassemia screening programme is compulsory for each admitted student of the university. A discounted fees of Rs.150/- will be charged from the student towards the cost of sample testing at university health centre / university pavilion by 'Red Cross Society', India. Student has to produce thalassemia screening certificate for obtaining the final eligibility. Personal Aadhaar Card number, email id and mobile number is must for registering the application for Admission in any of the programmes in the university.

*Refer website: [msubaroda.ac.in](http://msubaroda.ac.in) for further details.*

## **B. DISTINCTIVE CELLS OF THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA**

- **Career Counseling Cell**
- **Center for Urban Studies**
- **Centre for Genome Research**
- **Centre for Lifelong Learning and Extension**
- **Cluster Renovation Centre**
- **Communication Cell**
- **Department of Physical Education**
- **Directorate of Higher Payment Programmes**
- **Directorate of Student Welfare**
- **Gujarat State Eligibility Test [GSET] Centre**
- **Human Resource Development Cell**
- **Incubation Centre**
- **Internal Quality Assurance Cell**
- **Office of Alumni Affairs Cell**
- **Office of Corporate Affairs**
- **Office of Donor Relationship and Development**
- **Office of International Affairs**
- **Office of the Foreign Student Advisor**
- **Research and Cons**
- **Research and Consultancy Cell**
- **University Scholarship Centre**

*Refer website: [msubaroda.ac.in](http://msubaroda.ac.in) for further details.*

Students can utilize other organizations in and around the campus of M.S. University of Baroda to develop their creative faculties and use their leisure time fruitfully. Some of these are: Sayajirao Diamond Jubilee Cottage Industries, Shakespeare Society, Friends Society, BalBhavan.

**Note: All Admitted and Eligible SC / ST, OBC, PwD students have to submit their scholarship form for the academic year by February for processing scholarship to SC / ST, OBC, PwD etc. each year.**

## **GRADE CREDIT SYSTEM OF EVALUATION**

For implementation of the choice based credit courses, semester exam including continuous assessment and grading system, the Faculty of Family and Community Sciences has adopted the norms and made necessary modifications for the undergraduate programme.

From the academic year 2012-13 onwards, the student's academic performance in each course offered during a semester is evaluated on the scale as shown below.

<b>GRADE POINTS</b>	<b>DESCRIPTION</b>	<b>DIVISION/GRADE</b>	<b>RANGE</b>		
<b>10</b>	<b>OUTSTANDING</b>	<b>O</b>	<b>9.01</b>	<b>–</b>	<b>10.00</b>
<b>9</b>	<b>EXCELLENT</b>	<b>A</b>	<b>8.01</b>	<b>–</b>	<b>9.00</b>
<b>8</b>	<b>VERY GOOD</b>	<b>B</b>	<b>7.01</b>	<b>–</b>	<b>8.00</b>
<b>7</b>	<b>GOOD</b>	<b>C</b>	<b>6.01</b>	<b>–</b>	<b>7.00</b>
<b>6</b>	<b>FAIR</b>	<b>D</b>	<b>5.01</b>	<b>–</b>	<b>6.00</b>
<b>5</b>	<b>AVERAGE</b>	<b>E</b>	<b>4.01</b>	<b>–</b>	<b>5.00</b>
<b>4</b>	<b>DROPPED</b>	<b>F</b>	<b>0.00</b>	<b>–</b>	<b>4.00</b>

### **Pattern of Assessment:**

- A student's academic performance in a particular course is evaluated through a Mid Semester Examination having Internal Assessment (IA) at the faculty level and the End-Semester examination i.e. University Examination (UA).

- The weightage of mid semester examination is 30% and end-semester examination is 70%.
- Passing shall be decided on the combined result of mid-semester and end-Semester examination in the respective courses.
- In the event of a student remaining absent at mid semester examination (Internal Assessment) the candidate can be given only one additional chance of internal assessment (i.e. a re-test) where complete syllabus of the course is mandatory to be covered for evaluation.
- If a candidate fails to appear in the additional examination (re-test), his/her performance shall be nullified for all consideration for that course/paper, as per the University guidelines.
- The examination of odd semester(s) and even semester(s) will take place simultaneously. The examination of odd semester (I, III, IV) shall, however, be prior to respective even semesters (i.e. II, IV, and VI), for facilitating students to complete their programme.

## **UPWARD MOVEMENT (PROMOTION TO HIGHER SEMESTER)**

**Upward movement/Promotion, to higher semester/ Time for Completion of Programme for the candidates will be as follows:**

- a) A candidate, who has undergone a regular course of study in Semester-I, shall be eligible for upward movement/promotion to Semester-II.
- b) A candidate, who has undergone a regular course of study in Semester-II, shall be eligible for upward movement/promotion to Semester-III, provided that the candidate has earned at least 35% credits of Semester-I and Semester-II taken together.
- c) A candidate, who has undergone a regular course of study in Semester-III, shall be eligible for upward movement/promotion to Semester-IV.
- d) A candidate, who has undergone a regular course of study in Semester-IV, shall be eligible for upward movement/promotion to Semester-V, provided that the candidate has "Successfully Completed (SC)" all the Courses/Papers/Subjects of Semester-I and Semester-II and also earned at least 35% credits of Semester-III and Semester-IV taken together.

e) A candidate, who has undergone a regular course of study in Semester-V, shall be eligible for upward movement/promotion to Semester-VI.

f) Similar modus operandi shall be applied for those Programmes having more semesters of study.

However, respective candidate shall be eligible for the award of Degree/Diploma, on successful completion of all the Courses/Papers/Subjects of the respective Programme of study.

### **TIME FOR COMPLETION OF PROGRAMME:**

A candidate shall deem to remain a student only as per following criteria:  $n + 2$ , for  $n \leq 2$ , Duration of Studentship =  $2n$  for  $n > 2$

Where, 'n' represents duration of the programme (in years) of admission

#### **Example:**

<b>Duration of Programme</b>	<b>Duration of studentship/ Max time to complete a programme (Yrs.)</b>
1 Yr.+2	3 Yrs.
2 Yrs.+2	4 Yrs.
3 Yrs.X2	6 Yrs.

After expiry of the maximum period as stipulated, the candidate shall cease to be a student of the programme. In extra ordinary circumstances, the Vice-Chancellor may constitute the committee for scrutinizing the cases of candidate(s) who have successfully completed at least 60% of courses / papers. On the recommendation of a committee, the Vice-Chancellor may accord eligibility to such candidate(s) by ONE YEAR and permit a candidate for TWO ADDITIONAL CONSECUTIVE CHANCES for appearing in the examination in order to be eligible for the award of degree / diploma.

### **Description of Declaration of Result:**

The status of the students with respect to current semester as well as consolidated performance of previous semester(s) shall be represented in the Statement of Grade (SoG) as "COMPLETE" or "INCOMPLETE", as applicable.

**ODD Semesters : "COMPLETE, INCOMPLETE, ABSENT"**

**EVEN Semesters : "COMPLETE, INCOMPLETE, ABSENT"**

**“OUTSTANDING, EXCELLENT, VERY GOOD,  
GOOD, FAIR, AVERAGE, DROPPED”**

### **INSPECTION OF ANSWER BOOKS:**

In order to have transparency and openness, the answer books shall be placed for “Inspection” centrally at the University Assessment only. The candidate desiring to inspect his/her own answer book(s) for one or all course(s) / paper(s) shall have to apply to Examination Section along with the payment of Rs.1000/- per course / paper.

“Inspection of Answer books” shall be carried out in presence of Dean of the Faculty and the Chairman of the concerned course(s) / paper(s) along with the team of examiners, if required. The completed form along with required fees per course/paper should be submitted within Seven (07) working days after the date of declaration of result of the concerned examination by the University.

### **The faculty offers following two types of programs at Under Graduate level:**

1. Honors programme consisting of 144 credits.
2. General level programme consisting of 120 credits.

At undergraduate level the credit distribution for Honors program (A level) will be as follows:

<b>Year</b>	<b>Credits</b>	<b>Semester</b>
<b>First year</b>	42	I and II
<b>Honors programme</b>	90	III, IV, V, VI
<b>Elective generic</b>	08	III, IV, V, VI
<b>Elective open</b>	04	IV, V
<b>Total :</b>	<b>144</b>	

**Note:** For list of Elective Generic and Open Courses refer [Page No-74](#)

and For List of Choice Based Course at M.Sc. level refer [Page No-78](#)

At first year level, common programme will be followed. In all, there will be 42 credits, i.e. 14 courses of 3 credits each. These 42 credits will be offered in semester I and II i.e.

21 credits each. The distribution of these courses of 3 credits each at 1st year will be as follows:

## **COURSES OFFERED AT FIRST YEAR B.SC. LEVEL**

### **Semester Wise Distribution of Credits Offered to Students at First Year Level**

	<b>Course Title</b>	<b>Credits ( Th + Pr )</b>
<b>Semester I</b>		
	Introduction to Clothing	3 (3 + 0)
	Introduction to Extension and Communication	3 (2 + 1)
	Introduction to Foods and Nutrition	3 (3 + 0)
	Introduction to Family and Community Resource Management	3 (3 + 0)
	Introduction to Human Development and Family Studies	3 (3 + 0)
	English and Communication Skills	3 (3 + 0)
	Computer Literacy	3 (2 + 1)
	<b>Total:</b>	<b>21</b>
<b>Semester II</b>		
	Introduction to Textiles	3 (3 + 0)
	Extension Methods and Materials	3 (2 + 1)
	Introduction to Community Nutrition	3(3 + 0)
	Basics of Interior Design and Hospitality Management	3(3 + 0)
	Childhood in a Cultural Context	3 (3 + 0)
	English and Communication Skills	3 (3 + 0)
	Personal and Professional Communication Skills	3 (3 + 0)
	<b>Total:</b>	<b>21</b>
	<b>Grand Total:</b>	<b>42</b>

## DEPARTMENT OF CLOTHING AND TEXTILES

---

The Department of Clothing and Textiles ever since its inception has aimed to equip students with necessary proficiencies for a wide variety of careers by integrating theoretical and practical instructional methods. The department has over the years modified its curriculum to keep pace with the changing times and technology. The department is sensitive to the growing needs of institutes of higher education and industry, wherein there is a demand for professionals. The department is striving its best to meet this challenge by providing professionally trained individuals who display an effective combination of technical know-how, a flair for design and innovation and clear understanding of various concepts of clothing, fashion and textiles.

The University Grants Commission has also recognized the department for DRS-I under Special Assistance Programme (SAP) based on the academic achievement for advance teaching and research since 2012.

### Career Opportunities in Clothing and Textiles

Students are exposed to a large expanse of subjects which help them to choose from a wide variety of avenue for jobs in their areas of interest like Textile and Apparel Designer in craft sector, Domestic and Export industry, as Entrepreneur, Research Scientist, Extension Worker at NGO's and Training Centers, Merchandiser and in Academics.

### Programme of the Study

B.Sc.	M.Sc.
<ul style="list-style-type: none"><li>• Clothing and Textiles</li><li>• Fashion Designing</li></ul>	<ul style="list-style-type: none"><li>• Clothing and Textiles</li></ul>
M.Phil.	Ph.D.
<ul style="list-style-type: none"><li>• Clothing and Textiles</li></ul>	<ul style="list-style-type: none"><li>• Clothing and Textiles</li></ul>

**COURSES OFFERED BY DEPARTMENT OF CLOTHING AND TEXTILES AT  
UNDER GRADUATE LEVEL**

**Semester Wise Distribution of Credits Offered to Students Specializing in  
Clothing and Textiles**

	<b>Course Title</b>	<b>Credits ( Th+ Pr)</b>
<b>Semester III</b>		
	Organic Chemistry	3(2+1)
	Children's Clothing	4(1+3)
	Fundamental of Design in Clothing and Textiles	4(2+2)
	Creative Textile Crafts	4(1+3)
	Fundamentals of Marketing	4(4+0)
	Product Development-I	4(0+4)
	CB Course	02
	<b>Total:</b>	<b>25</b>
<b>Semester IV</b>		
	Apparel Making I	4(1+3)
	Apparel Design and Illustration	5(1+4)
	Apparel and Textile Merchandising	4(4+0)
	Indian Textiles and Costumes	5(5+0)
	Product Development-II	4(0+4)
	CB Course	04
	<b>Total:</b>	<b>26</b>
<b>Semester V</b>		
	Textile and Laundry Science	5(4+1)
	Textile Manufacture and Design	5(2+3)
	Apparel Making II	3(0+3)
	Commercial Clothing I	5(2+3)
	Product Development-III	4(0+4)
	CB Course	04
	<b>Total:</b>	<b>26</b>

## Semester VI

Textile Testing	3(2+1)
Wet Processing	4(2+2)
Commercial Clothing II	3(0+3)
Field Placement	6(1+5)
Clothing and Textiles: Its Application	3(0+3)
Product Development-IV	4(0+4)
CB Course	02
<b>Total:</b>	<b>25</b>
<b>Grand Total:</b>	<b>102</b>

## Semester Wise Distribution of Credits Offered to Students Specializing in Fashion Designing

	<b>Course Title</b>	<b>Credits ( Th + Pr )</b>
<b>Semester III</b>		
	Elementary Textile	3(2+1)
	Children's Clothing	4(1+3)
	Fundamentals of Design in Clothing and Textiles	4(2+2)
	Accessory Design and Surface Ornamentation	4(2+2)
	Fundamentals of Marketing	4(4+0)
	Product Development –I	4(0+4)
	CB Course	02
	<b>Total:</b>	<b>25</b>
<b>Semester IV</b>		
	Apparel Making I	4(1+3)
	Fashion Sketching and Illustration	5(1+4)
	Apparel and Textile Merchandising	4(4+0)
	Indian Textiles and Costumes	5(5+0)
	Product Development-II	4(0+4)
	CB Course	04
	<b>Total:</b>	<b>26</b>

### Semester V

Computer Application in Fashion Designing	4(1+3)
Advanced Fashion Sketching and Illustration	3(0+3)
Commercial Clothing I	5(2+3)
On Job Training	6(1+5)
Product Development –III	4(0+4)
CB Course	04
<b>Total:</b>	<b>26</b>

### Semester VI

Textile Manufacture and Design	5(2+3)
Apparel Making II	3(0+3)
Commercial Clothing II	3(0+3)
On Job Training	5(1+4)
Entrepreneur Development	3(3+0)
Product Development-IV	4(0+4)
CB Course	02
<b>Total:</b>	<b>25</b>

**Grand Total: 102**

## PROGRAMME OF STUDY M.Sc. IN CLOTHING AND TEXTILES

### Eligibility Criteria for M.Sc. in Clothing and Textiles Programme

The candidate holding a Bachelors degree in any of the following disciplines from The Maharaja Sayajirao University of Baroda or any other university or recognized institution, shall be considered eligible for admission to M.Sc. Clothing and Textiles.

- (a) B.Sc./BA with specialization in Clothing and Textile / Fashion Designing /Fashion Technology
- (b) B.Sc. /B.A. Composite with Clothing and Textile as a subject.
- (c) B. (Tech) with specialization in Textile Chemistry/Textile Technology.

Students seeking admission would require a minimum of 55% marks. The students who fulfill this requirement would be called for a written test and a personal interview which would be conducted by the departmental admission committee.

When a student has been given admission from a general stream i.e. not with Clothing and Textile specialization, then a student would be required to do pre-requisite courses. These students may need an extension of one or two semesters.

### **COURSES OFFERED BY DEPARTMENT OF CLOTHING AND TEXTILES AT POST GRADUATE LEVEL**

<b>Distribution of 60 Credits</b>	
Core Courses	06 Credits
Specialization	46 Credits
Elective Courses	04 Credits
CB Course	04 Credits
<b>Total:</b>	<b>60 Credits</b>

### **Distribution of Credits Offered to Students Specializing in Clothing and Textiles**

	<b>Course Title</b>	<b>Credits ( Th + Pr )</b>
	Statistics for Research	3(3+0)
	Research Methods	3(3+0)
	<b>Specialization:</b>	
	Draping and Costume Designing	3(0+3)
	Garment Production	3(3+0)
	Research Seminar	3(0+3)
	Historic Textiles	2(2+0)
	Textile Chemistry	3(2+1)
	Curriculum and Teaching Clothing and Textiles	2(2+0)
	Finishes and their Application	2(2+0)
	Fabric Manufacture and Designing	4(2+2)
	Computer Application and Scientific Writing	3(2+1)

Dissertation	10(0+10)
Internship	2(0+2)
Textile Study and Testing	4(2+2)
Apparel Design and Construction	3(0+3)
Introduction to Colour	2(1+1)

**Electives Courses(Two courses to be selected which are offered by the department)**

Commercial Clothing	2(0+2)
Pattern Making and Grading	2(0+2)
Social and Psychological Aspects of Clothing	2(2+0)
Special Problem in Clothing and Textiles	2(0+2)
Textile Dyes and Finishes	2(1+1)
Knitting Technology	2(0+2)
Fashion Illustration	2(0+2)
Fashion Retailing and Merchandising	2(1+1)

**Note:** Two CBCS courses of 2 credits each have to be selected from the other specializations

## **PHD DEGREE PROGRAMME IN CLOTHING AND TEXTILES**

### **Eligibility Criteria for PhD in Clothing and Textiles Programme**

- M.Sc. (Home/ Family and Community Sciences) Clothing and Textile/ Apparel/Fashion Designing
- Master degree in Textile Chemistry/ Technology
- Master degree in Textile Technology
- Masters degree in Art History
- Masters degree in Anthropology
- Masters degree in Applied Arts/ Design/ fine Arts
- Masters degree in Museology

The requirement regarding eligibility for (1) securing admission (2) examination (3) submission of dissertation of Ph.D. Programme offered by the department would be governed by the ordinances as per new UGC norms.

The Programme consists of a combination of course work and research.

## **COURSES OFFERED BY DEPARTMENT OF CLOTHING AND TEXTILES AT DOCTORATE LEVEL**

### **Distribution of Credits Offered to PhD Students in Clothing and Textiles**

**Course Work : 15 Credits**

**Dissertation**

<b>Course Title</b>	<b>Credits</b>
<b>A. CORE COURSES</b>	
Introduction to Research and Research Writing	03
Introduction to Basic Computer Functions and Application for Research Purpose	03
Quantitative Research Techniques and Data Analysis	03
<b>Total:</b>	<b>09</b>
<b>B. ELECTIVE COURSES: The candidate can select any two courses from the following</b>	
Colour and Finishes Applied to Textiles	03
Independent Problem in Clothing and Textiles	03
Textile Technical Analysis	03
Clothing Patterns and their Development	03
Recent Development in Textiles	03
Textile Trade and Economic	03
Evaluation of Recent Studies in Clothing and Textiles	03
<b>Total:</b>	<b>06</b>
<b>Grand Total:</b>	<b>15</b>

## **DEPARTMENT OF EXTENSION AND COMMUNICATION**

---

The Department of Extension and Communication started in the year 1953 as Department of Home Science Education Extension. In 1996, it was renamed Home Science Extension and Communication and now it is known as Extension and Communication. The sector of Extension and Communication has passed through lot of development and positive changes which have further brought about profound changes in subject matter as content which the academicians, extension personnel and development practitioners need to keep themselves informed about and thus incorporate such knowledge into all dimensions of Education, Research and Extension. This also makes it important and necessary to revise and update the curriculum in line with the felt needs and development that have taken place in Extension as well as Communication, world over, in line with development goals. The Department of Extension and Communication is preparing its students for Rural and Urban Extension and Outreach programmes.

The Department has updated its curriculum and revised it to make it more relevant to today's information society and the needs arising from all the spheres of the community including vulnerable sections of the society. The students are trained as Extension Personnel, Development Communicators and Practitioners. The Department is also committed to Teaching, Research, Extension and Community outreach as the thrust areas of development in urban and rural sectors.

The Department's objectives thus contribute in communication revolution leading to or facilitating national development. This is made possible by developing the abilities in students to produce media and communication strategies as; the students are trained to work with NGO's, GO's and Public Sectors.

The thrust areas of the Department focus on Extension, Development Communication, Information and Technology, Media Production, Media Appreciation, Entrepreneurship Development, Communication Studies and Women's Studies.

The Department has a well-established Research and Documentation Centre, Media Lab and Non Formal Education and Adult Education Lab. The Department also has a well-established and active Alumni Association HSECAA since 1986.

**COURSES OFFERED BY DEPARTMENT OF EXTENSION AND  
COMMUNICATION AT UNDER GRADUATE LEVEL**

**Semester Wise Distribution of Credits Offered to Students Specializing in  
Extension and Communication**

	<b>Course Title</b>	<b>Credits ( Th+ Pr)</b>
<b>Semester III</b>		
	Communication Process	5(3+2)
	Socio Economic Trends in Extension/Communities	5(5+0)
	Community Development Perspective and Approaches	3(3+0)
	PRA Techniquesfor Development Process	3(2+1)
	Publicity Media	3(3+0)
	Computer Application Designing	4(2+2)
	CB Courses	02
	<b>Total:</b>	<b>25</b>
<b>Semester IV</b>		
	Non Formal, Adult and Lifelong Education	5(5+0)
	Project Management	4(3+1)
	Software in Folk Media	5(3+2)
	Electronic Media and New Technology in Education	4(3+1)
	Information, Education and Communication Materials for Development	4(2+2)
	CB Courses	04
	<b>Total:</b>	<b>26</b>
<b>Semester V</b>		
	Workshop in Non Formal Education	5(0+5)
	Software in Print Media	5(3+2)
	Monitoring and Evaluation in Development	3(3+0)
	Management of Community Recreation	3(1+2)
	Genesis and Development of NGO	3(3+0)

Program for Development	3(3+0)
CB Courses	04
<b>Total:</b>	<b>26</b>

### Semester VI

Workshop in Adult Education	5(0+5)
Research and Documentation	3(3+0)
Seminar	4(0+4)
Writing for Development	3(1+2)
Entrepreneurship Development	5(2+3)
Basics of Development Communication	3(1+2)
CB Courses	02
<b>Total:</b>	<b>25</b>

**Grand Total: 102**

## **COURSES OFFERED BY DEPARTMENT OF EXTENSION AND COMMUNICATION AT P.G. DIPLOMA IN DEVELOPMENT MANAGEMENT**

**Total: 40 Credits Programme**

### **Eligibility Criteria for P.G. Diploma in Development Management Programme**

The candidates with minimum Bachelor Degree in any discipline from a University, recognized by The Maharaja Sayajirao University of Baroda will be eligible for admission to P.G. Diploma in Development Management. The candidate should have minimum 'D' grade with 2.00 A.G.P. on seven point scale or 45% marks in aggregate.

### **Semester Wise Distribution of Credits Offered to Students in P.G. Diploma in Development Management**

	<b>Course Title</b>	<b>Credits ( Th + Pr )</b>
<b>Semester I</b>		
	Theories of Development	3 (3 +0)
	Communication for Development	4 (3 +1)

Program Planning and Supervision	2 (2 + 0)
Development Program	3 (3 + 0)
Research for Community Development	4 (4 + 0)
Field Work –I	3 (0 + 3)
<b>Total:</b>	<b>19</b>

### **Semester II**

Development Management	3 (3 + 0)
Entrepreneurship Development	3 (2 + 1)
Action Project	5 (0 + 5)
Seminar	2 (0 + 2)
Field Work –II	3 (0 + 3)
Organizational Placement	5 (0 + 5)
<b>Total:</b>	<b>21</b>

**Grand Total: 40**

## **PROGRAM OF STUDY M.Sc. IN EXTENSION AND COMMUNICATION**

**Total: 60 Credits Programme**

### **Eligibility Criteria for M.Sc. in Extension and Communication Programme**

The candidate holding a Bachelor's degree in any of the following disciplines from The Maharaja Sayajirao University of Baroda or any other university or recognized institution shall be considered eligible for admission to M.Sc. Extension and Communication.

- B.F.C.Sc. (Family and Community Sciences) or B.Sc. (Home) in any area of specialization of Home Science or B.Sc. (Home) Degree in Extension and Communication
- B.Sc. (Home) Degree with General Home Science
- Bachelor's degree in Science or Arts with Home Science as one of the core subjects
- Post-Graduate Diploma in Development Management/Extension Education
- Bachelor of Art in Journalism and Mass Communication

- f) B.A. in Mass Communication/ Journalism
- g) B.Sc. in Mass Communication/Communication/ Journalism and Mass Communication
- h) P.G.Diploma in Development Communication/ Journalism and Mass Communication
- i) Bachelor of Social Work

**COURSES OFFERED BY DEPARTMENT OF EXTENSION AND COMMUNICATION AT POST GRADUATE LEVEL**

**Semester Wise Distribution of Credits Offered to Students Specializing in Extension and Communication**

	Course Title	Credits ( Th+ Pr)
<b>Semester I</b>		
	Statistics for Research	3 (3 + 0)
	Research Methods	3 (3 + 0)
	Seminar – I	2 (0 + 2)
	Programme Planning and Supervision in Extension	3 (2 + 1)
	Development Communication	3 (2 + 1)
	Field Experience	2 (0 + 2)
	<b>Total:</b>	<b>16</b>
<b>Semester II</b>		
	Statistics and Computer Application	3 (3 + 0)
	Media Production- I	2 (0 + 2)
	Communication Theories	3 (3 + 0)
	Field Experience	2 (0 + 2)
	Gender and Development	2 (2 + 0)
	Entrepreneurship Management	3 (3 + 0)
	CB Course	02
	<b>Total:</b>	<b>17</b>

**Semester III**

Development Journalism	3 (2 + 1)
Extension Management	3 (3 + 0)
Adult and Non Formal Education	3 (2 + 1)
Media Production- II	2 (1 + 1)
CB Course	02
<b>Total:</b>	<b>13</b>

**Semester IV**

Community Health and Recreation Management	2 (2 + 0)
Seminar- II	2 (0 + 2)
Dissertation	10 (0+10)
<b>Total:</b>	<b>14</b>
<b>Grand Total:</b>	<b>60</b>

## **PHD DEGREE PROGRAM IN EXTENSION AND COMMUNICATION**

### **Eligibility Criteria for PhD in Extension and Communication Programme**

The Candidate holding Master's degree in any of the following disciplines from The Maharaja Sayajirao University of Baroda or any other University or recognized institutions, shall be eligible for admission to Ph.D. in Extension and Communication.

- a) M.Sc.(Home) / M.F.C.Sc. / M. Phil with a major in Home Science Education Extension /Home Science Extension and Communication / Extension and Communication
- b) M.Sc. (Home) / M.A. /M. Phil with General Home Science / Composite programme.
- c) Master's degree in Extension Education / Agricultural Extension
- d) Master's degree / M. Phil with major or General in any area of Family and Community Sciences / Home Science
- e) M.Ed. with Education
- f) M.A. with Education / Continuing Education / Mass Communication
- g) Master's of Social Work
- h) Master's of Rural Studies
- i) Bachelor of Rural Studies with Master's in Social work
- j) Post Graduation in Rural Management (PRM)
- k) Master's degree in Extension Education and Communication Management
- l) Master's in Development Communication and Extension Education
- m) Master's in Agriculture Development
- n) Master's in Agriculture Communication

**COURSES OFFERED BY DEPARTMENT OF EXTENSION AND  
COMMUNICATION AT DOCTORATE LEVEL**

**Distribution of Credits Offered to PhD Students in Extension and  
Communication**

**Course Work : 15 Credits**

**Dissertation**

<b>Course Title</b>	<b>Credits</b>
<b>A. CORE COURSES</b>	
Introduction to Research and Research Writing	03
Introduction to Basic Computer Functions and Application for Research Purpose	03
Quantitative Research Techniques and Data Analysis	03
<b>Total</b>	<b>09</b>
<b>B. SPECIALIZATION COURSES</b>	
<b>The candidate has to select any one courses from the following</b>	
<b>• Life Long Education:</b>	
Life Long Education	02
Reading in Adult and Continuing Education	02
<b>• Communication for Development: The candidate has to select any one courses from the following</b>	
Communication Media	02
Communication Diffusion	02
<b>• Development Management: The candidate has to select any one courses from the following</b>	
Development Management	02
Community Development and Rural Change	02
<b>Total:</b>	<b>06</b>
<b>Grand Total:</b>	<b>15</b>

## DEPARTMENT OF FOODS AND NUTRITION

---

The Department of Foods and Nutrition at the Faculty of Family and Community Sciences, The Maharaja Sayajirao University of Baroda, established in the year 1950 is a premier institute for higher education that offers comprehensive programme for Bachelor's, Master's and Doctoral degree in Foods and Nutrition.

The vision and mission is to create world-class committed dietetics and nutrition professionals who can contribute meaningfully to the social and economic development of the country. Towards this mission, our goals are to enrich our academic programme, expand our network with other institutions, establish national and international collaborations and explore all avenues for extension.

### Program of the Study

B.Sc.	M.Sc.
<ul style="list-style-type: none"><li>• Dietetics</li><li>• Public Health Nutrition</li><li>• Food Science and Quality Control</li></ul>	<ul style="list-style-type: none"><li>• Dietetics</li><li>• Public Health Nutrition</li></ul>
<ul style="list-style-type: none"><li>• A Doctoral program leading to PhD in Foods and Nutrition is also offered</li></ul>	

### Infrastructure Facilities

The Department has 16 laboratories. These laboratories house various simple to sophisticated equipments to enhance the teaching learning process. In addition, the department has a library and an air-conditioned seminar room. The classrooms are well equipped with media facilities.

The courses are planned to promote the understanding of the science of Foods, Nutrition and Dietetics and their application and provide specialized professional training so that students can seek jobs as Nutritionists (including Public Health Nutritionists), Dietitians, Food Service Managers, Food Quality Control Personnel and Food Product Development Staff in professional institutions, government and voluntary organizations.

### Career Opportunities in Foods and Nutrition

Nutrition is an expanding area, with increasing awareness of its role in the health process. The Degree in Foods and Nutrition prepares the candidate to attain career in various Food Industries, Food Service Sectors, Hospitality, roles in Public Health, Clinical Research, Government and Non- Government Organizations and in Academia.

## COURSES UNDER HIGHER PAYMENT PROGRAMME

- B Sc. Foods and Nutrition Honors Programme
- P G Diploma in Public Health Nutrition
- P G Diploma in Food Service Management

### COURSES OFFERED BY DEPARTMENT OF FOODS AND NUTRITION AT UNDER GRADUATE LEVEL

#### Semester Wise Distribution of Credits Offered to Students Specializing in Foods and Nutrition-Dietetics

	Course Title	Credits ( Th + Pr )
<b>Semester III</b>		
	Family Meal Planning	5 (3 + 2)
	Human Nutrition I	4 (4 + 0)
	Biochemistry I	4 (3 + 1)
	Anatomy and Physiology	4 (3 + 1)
	Food Science and Chemistry	3 (3 + 0)
	Biophysics	3 (3 + 0)
	CB Course	02
	<b>Total:</b>	<b>25</b>
<b>Semester IV</b>		
	Human Nutrition II	5 (4 + 1)
	Biochemistry II	4 (3 + 1)
	Food Science I	4 (3 + 1)
	Food Analysis and Adulteration Testing	3 (1+ 2)
	Nutritional Assessment	3 (3 + 0)
	Food Preservation	3 (2 + 1)
	CB Course	04
	<b>Total:</b>	<b>26</b>

### Semester V

Medical Nutrition Therapy I	6 (4 + 2)
Newer Perspectives in Dietetics	3 (3 + 0)
Microbiology	3 (2 + 1)
Food Science II	4 (3+ 1)
Basics of Public Health Nutrition	3 (3 + 0)
Practice in Public Health Nutrition	3 (1+ 2)
CB Course	04
<b>Total:</b>	<b>26</b>

### Semester VI

Medical Nutrition Therapy II	5 (4 + 1)
Applied Dietetics	6 (1 + 5)
Quantity Food Production and Service	6 (1 + 5)
Research Methods	4 (4 + 0)
Institution Food Service Management	2 (2 + 0)
CB Course	02
<b>Total:</b>	<b>25</b>

**Grand Total: 102**

### Semester Wise Distribution of Credits Offered to Students Specializing in Foods and Nutrition-Public Health Nutrition

	<b>Course Title</b>	<b>Credits ( Th+ Pr)</b>
<b>Semester III</b>		
	Nutritional Assessment and Surveillance	4 (2 + 2)
	Human Nutrition	4 (4 + 0)
	Food Science andChemistry	4 (3 + 1)
	Fundamentals of Public Health and Nutrition	5 (5 + 0)
	Applied Sciences	3 (3 + 0)
	Human Physiology	3 (2 + 1)
	CB Course	02
	<b>Total:</b>	<b>25</b>

#### Semester IV

Maternal and Child Health Nutrition and Nutrition Lab	6 (4 + 2)
Meal Planning in the Life Cycle	3 (2 + 1)
Nutrition and Health Policies and Programs	5 (5 + 0)
Research Methods	3 (3 + 0)
Biochemistry	2 (2 + 0)
Biophysics and Instrumentation	3 (2 + 1)
CB Course	04
<b>Total:</b>	<b>26</b>

#### Semester V

Basics of Nutrition Epidemiology and Anthropology	7 (4 + 3)
Nutrition Program Management	6 (3 + 3)
Newer Perspectives in Public Health	3 (3 + 0)
Diet Therapy	4 (3 + 1)
Food Preservation for Community Benefit	2 (2 + 0)
CB Course	04
<b>Total:</b>	<b>26</b>

#### Semester VI

Applied Public Health Nutrition	6 (1 + 5)
Emerging Public Health Problems	3 (3 + 0)
Nutrition Health Communication	4 (2 + 2)
Emergency Nutrition	5 (3 + 2)
Inter Sectoral Linkages for Achieving Food and Nutrition Security	3 (3 + 0)
Nutrition Management in Disasters	2 (2 + 0)
CB Course	02
<b>Total:</b>	<b>25</b>
<b>Grand Total:</b>	<b>102</b>

## Semester Wise Distribution of Credits Offered to Students Specializing in Foods and Nutrition-Food Science and Quality Control

	Course Title	Credits ( Th + Pr )
<b>Semester III</b>		
	Food Chemistry	5 (3 + 2)
	Applied Physiology	4 (3 + 1)
	Meal Planning	5 (3 + 2)
	Introductory Instrumentation	3 (2 + 1)
	Basic Biochemistry	3(3 + 0)
	Public Health Nutrition	3 (2 + 1)
	CB Course	02
	<b>Total:</b>	<b>25</b>
<b>Semester IV</b>		
	Food Science	5 (4 + 1)
	Readings in Food Science	3 (3 + 0)
	Normal and Therapeutic Nutrition	5 (4 + 1)
	Basic and Applied Microbiology	5 (3 + 2)
	Food Preservation Techniques	4 (3 + 1)
	CB Course	04
	<b>Total:</b>	<b>26</b>
<b>Semester V</b>		
	Product Development and Sensory Evaluation	5 (4 + 1)
	Bakery Science and Technology	5 (3 +2)
	Food Safety and Toxicology	6 (6 + 0)
	Instrumentation Techniques	4 (3 + 1)
	Basics of Research	2 (2 + 0)
	CB Course	04
	<b>Total:</b>	<b>26</b>

## Semester VI

Food Quality Control and Testing	4 (4 + 0)
Post Harvest Technology	3 (3 + 0)
Food Packaging	4 (4 + 0)
Applied Food Science Quality Control	6 (1 + 5)
Entrepreneurship Management	3 (3 + 0)
Food Analysis	3 (2 + 1)
CB Course	02
<b>Total:</b>	<b>25</b>
<b>Grand total:</b>	<b>102</b>

## Courses Offered to Clothing and Textiles Department

Course Title	Organic Chemistry
Credits	3 (2 + 1)

## PROGRAM OF STUDY M.Sc. IN FOODS AND NUTRITION

The Department offers two streams for the M. Sc. (Family and Community Sciences) FN degree. These are:

M. Sc. (Family and Community Sciences) in Foods and Nutrition

- FN (PHN) Public Health Nutrition
- FN (D) Dietetics

## Eligibility Criteria for M.Sc. Foods and Nutrition Programme

For admission to M.Sc. (Family and Community Sciences) degree program in Foods and Nutrition, a student must have completed:

- a) B.Sc.F.C.Sc. (Foods and Nutrition) OR (Family and Community Sciences)/B.Sc. (Home) with specialization in Nutrition.
- b) B.Sc.F.C.Sc. (Vocational) with specialization in Foods Science and Quality Control or Clinical Nutrition and Dietetics OR Food Science and Technology or B. Tech. in Food Science and Technology or Public Health Nutrition.

- c) B.Sc.F.C.Sc. (Family and Community Sciences) or B.Sc. (Home) / F.C.Sc. Programme with specialization in Foods and Nutrition/Public Health Nutrition/Dietetics/Food Science and quality control.
- d) B.F.C.Sc. /B.Sc. with Microbiology OR Biochemistry.
- e) B.F.C.Sc. as in above a - d and P.G. Diploma in Dietetics, P.G. Diploma in Applied Nutrition, P. G. Diploma in Food Service Management and P.G. Diploma in Public Health Nutrition from a recognized institution.
- f) Where the Foods *and* Nutrition specialization is not clearly mentioned, the following criteria should be met for eligibility :
  - 1. Foundation course in Biology, Organic Chemistry, Physiology and Biochemistry
  - 2. A minimum 6 credits in the grade credit system or two full papers from the following should have been completed.
    - (i) Nutrition including Community Nutrition
    - (ii) Dietetics (iii) Food Science

**Admission to the M.Sc. degree programme is based on the consolidated score obtained from the following:**

- Stage I**
  - a) Marks/grades obtained at the qualifying examinations (50%)
  - b) Entrance examination (30%)
- Stage II**
  - a) Personal Interview (20%)

Only short listed candidates will be called for Stage II, Personal Interview.

To qualify for M. Sc. (Family and Community Sciences) degree with FN (Public Health Nutrition) or FN (Dietetics), students must complete a minimum of 48 credits of course work, 10 credits of dissertation and 2 credits of Internship.

**COURSES OFFERED BY DEPARTMENT OF FOODS AND NUTRITION AT  
POST GRADUATE LEVEL**

**Semester Wise Distribution of Credits Offered to Students Specializing in  
Foods and Nutrition- Public Health Nutrition**

	<b>Course Title</b>	<b>Credits ( Th + Pr )</b>
<b>Semester I</b>		
	Advanced and Applied Physiology for Community	2 (2 + 0)
	Advanced Human Nutrition	4 (4 + 0)
	Food Microbiology in Community Setting	2 (2 + 0)
	Advanced Public Health Nutrition	3 (2 + 1)
	Biophysics and Laboratory Technique	3 (2 + 1)
	Biochemistry for Community Health	4 (4 + 0)
	Statistics for Research	3 (3 + 0)
	<b>Total:</b>	<b>21</b>
<b>Semester II</b>		
	Advanced Food Science	2 (2 + 0)
	Advanced Research Methodology	3 (3 + 0)
	Nutritional Epidemiology – Intersectoral Linkages	2 (2 + 0)
	Applied Nutrition – Health and Fitness	3 (2 + 1)
	Improving Health and Nutrition Through IEC	2 (2 + 0)
	Nutrition Program Management	2 (2 + 0)
	Advanced Nutritional Anthropology	2 (2 + 0)
	PHN Field Training	4 (0 + 4)
	CB Course	02
	<b>Total:</b>	<b>22</b>
<b>Semester III</b>		
	Public Health Nutrition- Mainstreaming and Advocacy	1 (1 + 0)
	Nutrition in Emergencies and Special Conditions	2 (2 + 0)

	CB Course	02
	<b>Total:</b>	<b>05</b>
<b>Semester IV</b>		
	Dissertation	10 (0 +10)
	Internship	2 (0 + 2)
	Seminar	00
	<b>Total:</b>	<b>12</b>
	<b>Grand Total:</b>	<b>60</b>

### **Semester Wise Distribution of Credits Offered to Students Specializing in Foods and Nutrition- Dietetics**

	<b>Course Title</b>	<b>Credits ( Th + Pr )</b>
<b>Semester I</b>		
	Advanced and Applied Physiology for Dietetics	2 (2 + 0)
	Advanced Normal Nutrition	4 (4 + 0)
	Food Microbiology in Institutional/Industrial Setting	2 (2 + 0)
	Emerging Nutrition Issues	3 (2 + 1)
	Principles and Applications of Instrumentation	3 (2 + 1)
	Advanced Biochemistry	4 (4 + 0)
	Statistics for Research	3 (3 + 0)
	<b>Total:</b>	<b>21</b>
<b>Semester II</b>		
	Advanced Food Science	2 (2 + 0)
	Advanced Research Methodology	3(3 + 0)
	Clinical and Therapeutic Nutrition –I	4(3 + 1)
	Clinical and Therapeutic Nutrition-II	4(3 + 1)
	Nutrition in Special Conditions	3(3 + 0)
	Institution Food Service Organization	2(2 + 0)
	Food Safety and Food Labelling	2(2 + 0)
	CB Course	02

	<b>Total:</b>	<b>22</b>
<b>Semester III</b>		
Practice in Food Service Organisation		3 (0 + 3)
CB Course		02
	<b>Total:</b>	<b>05</b>
<b>Semester IV</b>		
Dissertation		10 (0 +10)
Internship		2 (0 + 2)
Seminar		00
	<b>Total:</b>	<b>12</b>
	<b>Grand Total:</b>	<b>60</b>

## **PHD DEGREE PROGRAM IN FOODS AND NUTRITION**

### **Eligibility Criteria for PhD in Foods and Nutrition Programme**

The candidates holding Master's Degree in any of the following subjects from The Maharaja Sayajirao University of Baroda or any other University or recognized Institution shall be considered eligible to register for PhD Degree.

- a) M. Sc./ M.F.C.Sc. (Home ) Foods and Nutrition
- b) M. Sc. Biochemistry
- c) M. Sc. Clinical Biochemistry
- d) M. Sc. Physiology
- e) M. Sc. Nutrition / Dietetics
- f) M. Sc. (Home) Food Biotechnology
- g) M. Sc. Microbiology
- h) M. Sc. Food Technology
- i) M. D. Biochemistry
- j) M. D. Preventive and Social Medicine
- k) M. Sc. /M.F.C.Sc. (Family and Community Sciences) in Dietetics/Public Health Nutrition/Food Science and Quality Control
- l) M. Sc. Life Sciences
- m) Master's degree in any discipline but holding one year P G Diploma Degree in FN relevant course
- n) MSW / M.Sc. /M.F.C.Sc. (HSEC) with B. Sc./ B.F.C.Sc. (Home) in Foods and Nutrition or B. Sc./ B.F.C.Sc. (Family and Community Sciences) in Dietetics /Public Health Nutrition/ Food Science and Quality Control
- o) M D in medicine, pediatrics, obstetrics and Gynecologist
- p) MDS (Dental)
- q) M.Sc. In Foods and Nutrition from Open National universities like IGNOU /Ambedkar provided in course is certified by Distance Education Council.

Only those candidates who have qualified in the national/state level competitive examinations such as UGC – CSIR NET/SLET/GATE/DBT, ICMR, GA, JRF etc. shall be exempted from taking University Entrance Examination (PET).

**COURSES OFFERED BY DEPARTMENT FOODS AND NUTRITON AT  
DOCTORATE LEVEL**

**Distribution of Credits Offered to PhD Students in Foods and Nutrition**

**Course Work : 15 Credits**

**Dissertation**

		<b>Credits ( Th + Pr )</b>
<b>A. CORE COURSES</b>		
	Introduction to Research and Research Writings	03
	Introduction to Basic Computer Functions and Application for Research Purposes	03
	Quantitative Research Techniques and Data Analysis	03
	<b>Total :</b>	<b>09</b>
<b>B. SUBJECT MATTER COURSES</b>		
<b>Term I</b>		
	Advances in Food Science/Dietetics/Public Health Nutrition	3 (3 + 0)
<b>Term II</b>		
	Academic Communication and Writing	3 (3 + 0)
	<b>Total :</b>	<b>06</b>
	<b>Grand total:</b>	<b>15</b>

# **COURSES UNDER HIGHER PAYMENT PROGRAMME OFFERED IN THE DEPARTMENT OF FOODS AND NUTRITION**

---

## **B.SC. (HONORS) IN FOODS AND NUTRITION**

### **About the B.Sc. Foods and Nutrition Honors Program**

The relationship between food and health are firmly established and form the basis for the study of nutrition. The type of food we eat can have a significant effect on the prevention and development of many diseases. People continue to make eating choices throughout the course of their lifetimes. The new age consumer is in quest of foods that are sustainably produced, safe, tasty, convenient, natural and healthy. With this increasing awareness, there is a need for professionals to work both in health promotion and in the food industry to cater to changing consumer needs. Nutrition is a developmental priority for India which is facing a dual burden of malnutrition. Thus, the Government and academic institutes need to develop a strong cadre of nutrition professionals. The Bachelor of Science Honors Program in Foods and Nutrition is designed to impart training and skills to the students in two major areas of Foods and Nutrition namely Dietetics and Public Health Nutrition along with the knowledge and skills necessary for understanding the role of Food Science in achieving better nutrition for individuals and for communities. The curriculum supports attainment of the educational objectives of the Department of Foods and Nutrition and prepares students to be leaders in the next generation of nutrition scientists, public health and clinical nutrition practitioners.

### **Student Learning Goals and Objectives**

To understand the fundamentals of food and nutrition science, food safety, food processing, public health nutrition etc. along with a thorough understanding of how food helps us to achieve optimal health outcomes, avoid disease and maintain a good quality of life as we age. The program promotes personal scholarship and academic growth, lifelong learning skills, and mastery of core knowledge in Clinical Nutrition and Public Health Nutrition.

Graduates of the Foods and Nutrition Honors Program will achieve the following student learning outcomes:

## **Student Learning Outcome Statements:**

- a) Students will be able to demonstrate critical thinking skills to analyze data and interpret results in the area of Nutritional/Food Sciences, Clinical Nutrition and Public Health Nutrition.
- b) Students will be able to determine nutritional status of individuals in various life-cycle stages and/or with nutrition-related chronic diseases by applying knowledge of metabolism and nutrient functions, food sources and physiologic systems.
- c) Students will be able to understand the basics of meal planning and dietetics for planning and preparing healthy nutritious diets throughout the life cycle and special diets as medical nutrition therapy for various disease conditions.
- d) Students will be able to understand the national nutrition priorities, aims, objectives and target groups of national flagship nutrition and health programs with field placements to understand the field realities and bottlenecks in implementation of the programs.
- e) Students will be able to search for, critique and effectively communicate nutrition information, design and implement nutrition behavior change communication strategies and materials.

## **Eligibility Criteria at First Year Level to B. Sc. (Honors) in Foods and Nutrition**

Applicant should have passed H.Sc. or equivalent exam from a recognized board with English as one of the subjects or applicant should have passed SSC with minimum 2 years Diploma Programme with English as one of the subjects.

- Mode of Admission: Merit basis and Personal interview.

**COURSES OFFERED BY DEPARTMENT OF FOODS AND NUTRITION AT  
UNDER GRADUATE LEVEL IN B.SC. HONORS IN FOODS AND NUTRITION**

**Semester Wise Distribution of Credits Offered to Students Specializing in  
B.Sc. Honors in Foods and Nutrition**

	<b>Course Title</b>	<b>Credits ( Th + Pr )</b>
<b>Semester I</b>		
	English I	3 (3 + 0)
	Introduction to Foods	5 (3 + 2)
	Introduction to Nutrition	5 (3 + 2)
	Anatomy and Physiology	3 (3 + 0)
	Basic Microbiology	3 (3 + 0)
	Basic Chemistry	3 (3 + 0)
	<b>Total:</b>	<b>22</b>
<b>Semester II</b>		
	English II	3 (3 + 0)
	Fundamentals of Public Health Nutrition	6 (4 + 2)
	Applied Physics	3 (3 + 0)
	Nutrition Assessment and Surveillance	5 (3 + 2)
	Applied Physiology	5 (3 + 2)
	<b>Total:</b>	<b>22</b>
<b>Semester III</b>		
	Meal Planning	6 (3 + 3)
	Biochemistry I	3 (3 + 0)
	Applied Microbiology	5 (2 + 3)
	Principles of Normal Nutrition I	3 (3 + 0)
	Biophysics	3 (3 + 0)
	Food Science I	4 (3 + 1)
	CB Course	02
	<b>Total:</b>	<b>26</b>

**Semester IV**

Food Preservation	5 (2 + 3)
Biochemistry II	5 (2 + 3)
Principles of Normal Nutrition II	6 (3 + 3)
Food Science II	5 (3 + 2)
Applied Nutrition	3 (3 + 0)
CB Course	04
<b>Total:</b>	<b>28</b>

**Semester V**

Food Science III	5 (3 + 2)
Diet Therapy I	6 (3 + 3)
Public Health Nutrition I	6 (3 + 3)
Food Analysis Lab	3 (0 + 3)
Nutrition Health Education	3 (2 + 1)
CB Course	04
<b>Total:</b>	<b>27</b>

**Semester VI**

Research Methods	3 (3 + 0)
Diet Therapy II	3 (3 + 0)
Public Health Nutrition II	3 (3 + 0)
Public Health Nutrition Field Work	4 (0 + 4)
Application in Dietetics	4 (0 + 4)
CB Course	02
<b>Total:</b>	<b>19</b>

**Grand Total: 144**

## Semester Wise Choice Based Courses Offered Under B.Sc. (Honors) in Foods and Nutrition Department

	Course Title	Credits ( Th + Pr )
<b>Semester III</b>		
	Introduction to Clothing and Textiles	2 (2 + 0)
	<b>Total:</b>	<b>02</b>
<b>Semester IV</b>		
	Introduction to Extension and Communication	2(2+0)
	Functional Foods	
	<b>OR</b>	2 (2 + 0)
	Software for Nutrition Assessment	
	<b>Total:</b>	<b>04</b>
<b>Semester V</b>		
	Introduction to Family and Community Resource Management	2 (2 + 0)
	Nutrition Exhibition and Display	
	<b>OR</b>	2 (2 + 0)
	Diet Counselling	
	<b>Total:</b>	<b>04</b>
<b>Semester VI</b>		
	Introduction to Human Development and Family Studies	2 (2 + 0)
	<b>Total:</b>	<b>02</b>
	<b>Grand Total:</b>	<b>12</b>

# PG DIPLOMA IN PUBLIC HEALTH NUTRITION

## About the Post Graduate Diploma in Public Health Nutrition

Public Health Nutrition as a field is growing immensely in importance, taking into account the real potential to reduce the burden of malnutrition and non-communicable diseases through the application of food and nutrition knowledge and research. Looking at the high burden of under nutrition with micronutrient deficiencies and the emerging problems of diet related non communicable diseases, this course aims to train students to learn public health nutrition priorities, flagship nutrition health programs, their best practices and weaknesses and to sensitize all development professionals already working in various nutrition specific and nutrition sensitive sectors on the need to mainstream nutrition in all development programs and build capacities in public health nutrition programming and implementation.

## Student Learning Goals and Objectives

The public health nutrition faculty will strive to provide the highest quality educational experiences for our students, incorporating cutting edge evidence based public health practice guidelines and recommendations, research information with the fundamental knowledge and skills needed by public health nutrition professionals of the future. The curriculum supports attainment of educational objectives of the foods and nutrition department. Develop effective communication skills; Develop higher cognitive skills; Cultivate the virtues; Develop focus and depth in Public Health Nutrition; Develop leadership and managerial skills, Develop a global perspective; Prepare for lifelong learning. The public health nutrition curriculum prepares students to be leaders in the next generation of public health nutrition managers and practitioners. The program promotes personal fellowship and academic growth, lifelong learning skills, and mastery of core knowledge in public health nutrition.

Diploma in Public Health Nutrition students will achieve the following student learning outcomes:

### **Student Learning Outcomes Statements: Students in PHN will gain a perspective on the following critical questions:**

- What are the most critical social, behavioral and food and nutrition-related factors that affect health?
- What are ways that the design, implementation and evaluation of programs can improve the nutritional status of the population or subgroups in the population?

- How can nutrition and food related public policies affect health, especially in vulnerable populations?
- How can global, national, state and local community programs be designed to improve the nutritional status of the population as a whole and those at particular risk?

## **Eligibility Criteria for Admission in Post Graduate Diploma in Public Health Nutrition**

Candidates seeking admission to one year Post Graduate Diploma in Public Health Nutrition must have passed any one of the following:

- a) B.F.C.Sc./ B.Sc. (Honors) with specialization in Dietetics, Public Health Nutrition, Food Science and Quality control, Human Development and Family studies, Home Science education / extension and communication and Home Science / B.Sc. (General) Home Science (10+2+3) pattern of education with 55% or above marks or its equivalent grade in the overall aggregate and 55% or above marks or its equivalent grade each in any three of the following:
  - Food Science
  - Normal and Therapeutic Nutrition
  - Community Nutrition
  - Clinical Nutrition
  - Biochemistry
- b) Examination of any recognized University
  - i. Graduates in all disciplines, particularly Public Health Nutrition, Agriculture and Medicine (MBBS and AYUSH degrees)
  - ii. Professionals such as Indian administrative Services officers, public health educators, social workers, human resource managers, health assistants, food and sanitary inspectors and nurses with graduate degree
  - iii. Researchers from nutrition and allied fields including clinicians involved in nutrition such as medicine, community medicine, pediatrics, obstetric and gynecologist, oncologist, cardiology and dentists etc
  - iv. Research and nutrition programme related practitioners (working in education, communication, child protection, water and sanitation sectors in the public and private sectors with minimum graduate degree

## Semester Wise Distribution of Credits Offered to Students Specializing in P.G. Diploma in Public Health Nutrition

	Course Title	Credits ( Th + Pr )
<b>Semester I</b>		
	Fundamentals of Public Health and Nutrition	4 (4 + 0)
	Tools and Techniques in Nutrition Assessment and Surveillance	3 (2 + 1)
	Maternal and Child Health Nutrition	3 (3 + 0)
	Nutrition/ Health Policies and Programs	4 (4 + 0)
	Nutrition Health Communication	3 (3 + 0)
	Nutrition Program Management	3 (3 + 0)
	<b>Total:</b>	<b>20</b>
<b>Semester II</b>		
	Inter Sectoral Linkages for Achieving Food and Nutrition Security	2 (2 + 0)
	Emergency Nutrition	4 (3 + 1)
	Nutrition Project Management	6 (1 + 5)
	Emerging Public Health Problems	3 (3 + 0)
	Nutrition Epidemiology and Anthropology	3 (3 + 0)
	Newer Perspectives in Public Health	2 (2 + 0)
	<b>Total:</b>	<b>20</b>
	<b>Grand Total:</b>	<b>40</b>

# **PG DIPLOMA IN FOOD SERVICE MANAGEMENT**

## **About the PG Diploma in Food Service Management**

India ranks second largest country for diabetes just behind China. The heart attacks occur in India at least a decade earlier than in the west. WHO consider “Unhealthy diet” as an important risk factor for the disease burden that India faces today. India is now grappling with the burden of both under nutrition, overweight and obesity. School children, adolescents and productive age group population (19 – 60 yrs) are particularly vulnerable to succumb to the disease early in life. Therefore, healthy diets have to be promoted in work place and school settings. Indian food service industry though very big comprises of entrepreneurs catering to the needs of the population emphasizing on tasty and attractive food, without having basic understanding of healthy diets and menus, ingredients to be used in cooking along with hygiene and food safety norms and regime.

Therefore, this program has been developed with a view to address the needs of training work force and developing human resources for healthy menu and diet planning (dietitians, nutritionists, food service managers, counselors etc) for the emerging employment sectors such food service units in school, work places, hospitals, community etc.

The Food Service Management program is a one-year full-time PG Diploma program. The course aims to impart skills for successful food service management imparting hands on experience about healthy menu planning, operations, revenue management, human resources, training, and marketing, merchandising, and customer service. These skills combined with practical training ensure, that students are moulded to take the challenge of an entrepreneur in the exciting food service management industry.

## **Students learning Goals and Objectives**

Students will learn how to manage the major areas of menu planning, purchasing, receiving, storage, production, and control systems accommodating the health and nutrition needs of the population. They will assess the effectiveness of several food service systems, use a service blueprint to improve the service delivery process and increase profits, and examine such variables as client flow, menu planning, dining time, optimal table mix, meal duration, and variable pricing. The programme offer students a learning laboratory for nutrition and healthy menu planning and serve as a resource for linkages with nutrition-related food service management.

## Eligibility Criteria for Admission in Post Graduate Diploma in Food Service Management

Candidates seeking admission to one year Post Graduate Diploma in Food Service Management must be Graduate from any discipline from UGC Recognized University with English as one of the subject or Graduate from any discipline from National Open University with English as one of the subject.

## Semester Wise Distribution of Credits Offered to Students Specializing in P.G. Diploma in Food Service Management

	Course Title	Credits ( Th + Pr )
<b>Semester I</b>		
	Challenges of Food Service Management	3 (3 + 0)
	Food Service in Schools	5 (3 + 2)
	Food Service in Workplaces	5 (3 + 2)
	Food Safety in Food Service Organizations	4 (3 + 1)
	Food Product Development	3 (1 + 2)
	Institution Food Service Organization	3 (3 + 0)
	<b>Total:</b>	<b>23</b>
<b>Semester II</b>		
	Entrepreneurship Management	2 (2 + 0)
	Continental Quantity Food Production and Services	5 (1 + 4)
	Indian Quantity Food Production and Services	10 (0 + 10)
	<b>Total:</b>	<b>17</b>
	<b>Grand Total:</b>	<b>40</b>

# DEPARTMENT OF FAMILY AND COMMUNITY RESOURCE MANAGEMENT

---

Department of Family and Community Resource Management offer educational programmes leading to B.Sc. M.Sc. M. Phil and Ph. D degrees. The philosophy underlying the discipline that managing the resources is a complex and challenging task gives direction to the courses offered under each program of study. It is interdisciplinary in nature, building its curriculum by integrating theories and principles from basic Sciences, Arts, Humanities and Social Sciences. The programs offered at various levels have three basic components: Academic, Research and Extension. Vocationalization is aimed at the U.G. and P.G. programs through well-planned curricula. The students undergo a structured program of instruction in classroom and with ample opportunities for laboratory work and community outreach projects to develop various competences. The curriculum at each program of study is reviewed, revised/ modified and new courses are designed and developed to strengthen and upgrade the program as per the needs of the society and its students so as to widen the scope of job opportunities.

## COURSES OFFERED BY DEPARTMENT OF FAMILY AND COMMUNITY RESOURCE MANAGEMENT AT UNDER GRADUATE LEVEL

### Semester Wise Distribution of Credits Offered to Students Specializing in Interior Design

	Course Title	Credits ( Th + Pr )
<b>Semester III</b>		
	Theory of Resource Management	4 (3+1)
	Time and Energy Management	5 (3+2)
	Ecology and Environment	4 (4+0)
	Foundation of Art and Design	5 (3+2)
	Applied Household Physics	3 (2+1)
	Basics of Scale and Perspective Drawing	3 (1+2)
	CB Course	02
	<b>Total:</b>	<b>26</b>
<b>Semester IV</b>		
	Residence Course-I	4 (2+2)

Household Equipment – I and II	5 (3+2)
Event Management	3 (3+0)
Building Materials and Housing	5 (4+1)
Lighting in Interiors	3 (2+1)
CB Course	04
<b>Total:</b>	<b>24</b>

#### **Semester V**

Interior Design and Furnishing	5 (3+2)
Kitchen Planning	5 (3+2)
Residential Space Designing	4 (2+2)
Computer Aided Interior Designing	3 (1+2)
Commercial Space Designing	4 (1+3)
CB Course	04
<b>Total:</b>	<b>25</b>

#### **Semester VI**

Entrepreneurship Management	3 (3+0)
Residence Course-II	5 (1+4)
Consumer Education	4 (3+1)
Orientation to Research	4 (3+1)
Internship	6 (0+6)
Landscaping and Gardening	3 (2+1)
CB Course	02
<b>Total:</b>	<b>27</b>

**Grand Total: 102**

## Semester Wise Distribution of Credits Offered to Students Specializing in Hospitality Management

	Course Title	Credits ( Th + Pr )
<b>Semester III</b>		
	Theory of Resource Management	4 (3+1)
	Time and Energy Management	5 (3+2)
	Ecology and Environment	4 (4+0)
	Foundation of Art and Design	5 (3+2)
	Applied Household Physics	3 (2+1)
	Front Office Management	3 (1+2)
	CB course	02
	<b>Total:</b>	<b>26</b>
<b>Semester IV</b>		
	Residence Course-I	4 (2+2)
	Household Equipment – I and II	5 (3+2)
	Event Management	3 (3+0)
	Housekeeping	5 (4+1)
	Institutional Accountancy	3 (1+2)
	CB course	04
	<b>Total:</b>	<b>24</b>
<b>Semester V</b>		
	Interior Design and Furnishing	5 (3+2)
	Kitchen Planning	5 (3+2)
	Food Service Management	4 (3+1)
	Sanitation and Hygiene in Hospitality Industry	3 (3+0)
	Travel and Tourism	4 (3+1)
	CB course	04
	<b>Total:</b>	<b>25</b>

## Semester VI

Entrepreneurship Management	3 (3+0)
Residence Course-II	5 (1+4)
Consumer Education	4 (3+1)
Orientation to Research	4 (3+1)
Internship	6 (0+6)
Human Resource Management in Hospitality	3 (2+1)
Industry	
CB course	02
<b>Total:</b>	<b>27</b>
<b>Grand Total:</b>	<b>102</b>

# **COURSES UNDER HIGHER PAYMENT PROGRAMME OFFERED IN THE DEPARTMENT OF FAMILY AND COMMUNITY RESOURCE MANAGEMENT**

---

## **B.SC. (HONORS) IN INTERIOR DESIGN**

The Department of Family and Community Resource Management offers an Honors degree programme specializing in the subject “Interior Design” under Higher Payment Board. The department of Family and Community Resource Management has been offering sub-specialization in Interior Design at under graduate and at postgraduate level since long. It has been one of the pioneers in offering Bachelor’s and Master’s degree specializing in Interior Design amongst Home Science colleges of India. The employment rate has been observed to that of 80% to 100%. There is a strong demand from the field of Interior Design for the professionally qualified personnel in the field; as such, a feedback (informal) is being received from practicing Interior Designers. Internship with practicing Interior Designers and Architects is an integral part of the curriculum at both under graduate and postgraduate level where almost all students are offered job at the end of their internship. The trend so far has been observed that most of them accept the job which supports the fact that this specialization has high vocational opportunities. Since Interior Designing has been a specialized field and continues to grow with the present societal needs, the department visualizes a need to begin a full-fledged honors degree programme in Interior Design. The syllabus is designed to give an in depth knowledge about fundamentals, principles and clear understanding of basic concepts which would enhance theoretical knowledge of the learners. The curriculum has also ample of practical, field visits, projects, model making and internship to provide practical exposure to the students to strengthen experiential learning. The curriculum has been framed to give knowledge right from designing to the implementation of the interior design projects in a totality.

A Holistic approach has been adopted in the proposed curriculum. The learner would be able to create the given space into a beautiful, ergonomically sound, and functional interior which would be most consumer friendly. The students, after successfully undergoing this specialized programme, shall be equipped to become Interior Designers either as freelancer, or be gainfully employed or be an entrepreneur. The B.Sc. (ID) (Honors) degree programme would concentrate on development of the skill in creating functionally and aesthetically sound Interior and exterior space designing and decoration for residential and commercial establishments. The Honors degree course in Interior Design is herewith proposed by FCRM department under higher payment so

that more students can take benefit of studying this course and strengthen the vocational opportunities.

**Objectives:**

1. To gain knowledge about the Fundamentals of Interiors for the designing of Residential, Commercial and Institutional Establishments.
2. To acquire skills in preparing Technical drawings using software as well as manual drafting.
3. To gain an insight in understanding and assessing the Client's needs and requirements in designing Interiors.
4. To develop competencies for professional practice in the field of Designing Interiors.

**Student Learning Outcomes:**

1. The student will develop aesthetic sense and learn to be a good art consumer.
2. The student will demonstrate competency in the design process.
3. The student will develop skills in showing interior and exterior space through various architectural drawings.
4. Students will learn the basic concepts of 2 dimensional & 3 dimensional drawing in computer software and develop skills to use computer as a drafting tool for interiors.
5. Students will develop skills in planning different residential and commercial layouts considering different work centers.
6. Students will gain in-depth knowledge about the concept of furniture and storage designing in different residential, commercial and institutional interior spaces.
7. The student will be oriented towards the current trends in surface materials, furniture and furniture finishes and furnishing materials in interiors.
8. The student will learn about the professional aspects of management in the interior design profession.

## Eligibility Criteria for Admission at First Year Level to B. Sc. (Honors) in Interior Design

- a) Minimum 10 + 2 pass with English as a compulsory subject or should have studied through English as a medium of instruction OR Diploma in Architecture/ Civil Engineering after 10<sup>th</sup> (of duration of minimum 3 years) from a recognized University.
- b) Should have completed 16 years of age.

**Mode of Admission:** Merit Basis and Personal Interview

**Number of Seats Available:** 60

### Courses offered by Department of Family and Community Resource Management at Undergraduate Level in B. Sc. (Honors) in Interior Design

#### Semester Wise Distribution Credits Offered to Students Specializing in B.Sc. (Honors) in Interior Design

	Course Title	Credits ( Th + Pr )
<b>Semester I</b>		
	English and Communication Skill	3 (3+0)
	Interior Design: Historical Perspective	3 (3+0)
	Basics of Scale and Perspective Drawing	5 (2+3)
	Design Concepts	4 (2+2)
	Colour Theories	4 (2+2)
	Computer Aided Interior Designing – I	5 (0+5)
	<b>Total:</b>	<b>24</b>
<b>Semester II</b>		
	English and Communication Skills – II	3 (3+0)
	Personal and Professional Communication Skills	3 (3+0)
	Residential Space Designing	5 (2+3)
	Surface Treatment	5 (3+2)
	Introduction to Ergonomics	3 (2+1)

	Computer Aided Interior Designing – II	5 (0+5)
	<b>Total:</b>	<b>24</b>
<b>Semester III</b>		
	Lighting in Interiors	4 (2+2)
	Building Materials	4(3+1)
	Furniture in Interiors	4(2+2)
	Furnishing in Interiors	5(3+2)
	Kitchen Planning	5(3+2)
	Environment Education	2(2+0)
	<b>Total:</b>	<b>24</b>
<b>Semester IV</b>		
	Commercial Space Designing	4 (2+2)
	Decorating Interiors	4 (2+2)
	Building Services	4 (3+1)
	Landscape Designing – I	4 (2+2)
	Storage Design	4 (2+2)
	Furnishing in Interiors	2(2+0)
	Residential Lighting	2(2+0)
	<b>Total:</b>	<b>24</b>
<b>Semester V</b>		
	Professional Management	4 (3+1)
	Landscape Designing – II	5(3+2)
	Sustainable Environment and Interior Design	4 (3+1)
	Model Making	4(0+4)
	Orientation to Research	3(1+2)
	Consumer Education	2(2+0)
	Decorating Interiors	2(2+0)
	<b>Total:</b>	<b>24</b>
<b>Semester VI</b>		
	Entrepreneurship Management	3(3+0)

Consumer Education	3(3+0)
Current Trends in Interior Design	3(1+2)
Project	3(0+3)
Internship	10(0+10)
Residential Landscaping and Gardening	2(2+0)
<b>Total:</b>	<b>24</b>
<b>Grand Total:</b>	<b>144</b>

## **PROGRAM OF STUDY M.Sc. IN FAMILY AND COMMUNITY RESOURCE MANAGEMENT**

### **Eligibility Criteria for M.Sc. Family and Community Resource Management Programme**

- B.F.C.Sc. or B.Sc. (F.C.Sc) or B.Sc. (Home) with specialization in Family Resource Management / Home Management/ Family and Community Resource Management.
- B.F.C.Sc. or B.Sc. (F.C.Sc) or B.Sc. (Home) with General/ Composite Home Science.
- B. A. in Home Science.

Passing in the aptitude test (to judge drawing ability, creativity, and related skills) conducted by the department is essential to become eligible for 'Interior Design' specialization.

### **COURSES OFFERED BY DEPARTMENT OF FAMILY AND COMMUNITY RESOURCE MANAGEMENT AT POST GRADUATE LEVEL**

#### **Distribution of Credits Offered to Students Specializing in Family and Community Resource Management**

<b>Course Title</b>	<b>Credits ( Th + Pr )</b>
Statistics for Research	3(3+0)
Research Methods	3(3+0)

Theory of Resource Management	3(3+0)
Communication Technology	2(0+2)
Environment Management	2(2+0)
Ergonomics	3(2+1)
House Supervision (Theory)	1(1+0)
House Supervision (Practical)	2(0+2)
Scientific Writing	2(1+1)
Extension in Resource Management	4(1+3)
Seminar –I	1 (0 +1)
Seminar –II	1 (0 + 1)
Dissertation	10(0+10)

#### **Family Economics and Resource Management (FERM)**

Family Economics and Finance Management	3(3+0)
Management for Institution Administration	3(3+0)
Advance Consumer Economics and Redressal	3(3+0)
Human Resource Management	3(3+0)
Consumer Research	2(2+0)
Current Trends in Resource Management	2(0+2)
Economics of Developing Countries	3(3+0)
CBCS	04

#### **Interior Design (ID)**

Interior Space Designing- Residential and Commercial	4(1+3)
Computer Aided Interior Design and Presentation	3(1+2)
Services in Residences and Establishment	3(3+0)
Professional Management	3(3+0)
Internship	3(0+3)
Consumer Ergonomics	3(1+2)
CB Course	04

**PROGRAMME OF STUDY FOR M. PHIL IN FAMILY AND COMMUNITY  
RESOURCE MANAGEMENT**

**Distribution of Credits Offered to Students Specializing in M. Phil in  
Family and Community Resource Management**

<b>Course Title</b>	<b>Credits ( Th + Pr )</b>
Teaching Home Mgt. at Higher Education	2 (2 + 0)
Advanced Statistics	3 (3 + 0)
Management Dynamics	3 (3 + 0)
Seminar	2 (0 + 2)
Measurement of Social and Behavioural Dimensions in Resource Management	3 (2 + 1)
Consumer Studies	2 (2 + 0)
Dissertation	15
<b>Total :</b>	<b>30</b>

**COURSES OFFERED BY DEPARTMENT OF FAMILY AND COMMUNITY  
RESOURCE MANAGEMENT AT DOCTORATE LEVEL**

**Distribution of Credits Offered to PhD Students in Family and  
Community Resource Management**

**Course work: 15 Credits**

**Dissertation**

<b>Course Title</b>	<b>Credits</b>
<b>A. CORE COURSES</b>	
Introduction to Research and Research Writings	03
Introduction to Basic Computer Functions and Application for Research Purposes	03
Quantitative Research Techniques and Data Analysis	03
<b>Total :</b>	<b>09</b>

**B. SUBJECT MATTER COURSES: The Candidate can select any one from each term.**

**Term I**

Advanced Family and Community Resource Management	03
Teaching at Higher Educational Level	03
Issues and Challenges in Environment and Sustainable Development	03

**Term II**

Advanced Ergonomics	03
Consumer Research and Issues in relation to Household Equipment	03
Consumer Research and Issues in relation to Household Equipment	03
Issues and Challenges in Hospitality Management	03

**Total: 06**

**Grand Total: 15**

# DEPARTMENT OF HUMAN DEVELOPMENT AND FAMILY STUDIES

Human Development and Family Studies (HDFS) is an interdisciplinary field, which focuses on the development of individuals across life span in the context of family and society. In order to gain a comprehensive understanding of development, the field draws from diverse disciplines such as Biology, Physiology, Anthropology, Psychology, Education, Philosophy and Sociology. The understanding thus gained is applied to further the quality of life of individuals, families and communities.

The department of HDFS at the Maharaja Sayajirao University of Baroda, founded in 1949, is one of India's pioneering departments in this discipline. An overarching goal of the program and co curricular activities is to strengthen links between teachings, research and community outreach through active involvement in intervention programs and policy planning related to children, adolescents and adults in diverse settings. The focal areas of study are Human Development, Early Childhood Care and Education (ECCE), Family and Gender Studies, including policy and Interventions.

## COURSES OFFERED BY DEPARTMENT OF HUMAN DEVELOPMENT AND FAMILY STUDIES AT UNDER GRADUATE LEVEL

### Semester Wise Distribution of Credits Offered to Students Specializing in Human Development and Family Studies

	Course Title	Credits ( Th + Pr )
<b>Semester III</b>		
	Understanding One's Own Self	4(3+1)
	Childhood Education	4(4+0)
	Family and Child Welfare	4(3+1)
	Physical Growth and Health	4(3+1)
	Activities and Resources for Child Development-I	5(3+2)
	Fundamentals of HD Applications	2(2+0)
	CB Course	02
	<b>Total:</b>	<b>25</b>

#### Semester IV

Adulthood and Interpersonal Relationships	5(4+1)
Child Psychology – I	3(3+0)
Guiding Child's Growth, Behaviour and Development	4(4+0)
Organization of ECCE Centres	4(3+1)
Introduction to Fieldwork	2(0+2)
Activities and Resources for Child Development-II	4(2+2)
CB Course	04
<b>Total:</b>	<b>26</b>

#### Semester V

Child Psychology II	3(3+0)
Introduction to Research Methods	4(3+1)
Introduction to Special Needs	4(3+1)
Field Work – I	6(0+6)
Parent and Community Involvement	5(2+3)
CB Course	04
<b>Total:</b>	<b>26</b>

#### Semester VI

Family Dynamics	4(4+0)
Application of Research Methods	3(0+3)
Educational Psychology	3(3+0)
Field Work II	5(0+5)
Orientation to Rural life: Placement	3(0+3)
Late Adulthood	2(2+0)
Family and Law	3(3+0)
CB Course	02
<b>Total:</b>	<b>25</b>

**Grand Total: 102**

**COURSES OFFERED BY DEPARTMENT HUMAN DEVELOPMENT AND  
FAMILY STUDIES AT P.G. DIPLOMA IN EARLY CHILDHOOD CARE AND  
EDUCATION (ECCE)**

**Eligibility Criteria for admission in ECCE:**

**a) B. Sc. With Human Development and Family Studies**

To be eligible to seek admission in the Post Graduate Diploma Program the candidate should have a graduate degree in any discipline with a minimum of 50% (fifty percent) or with minimum “C” grade (i.e., 50% equivalence) for all categories (general and reserved). Preference is given to candidates who have graduated with Home Science subjects. Over and above this, work experience in the field of Early Childhood Care and Education is considered favorably. The candidates are short-listed for an interview on the basis of a written test. Fifty percent (50%) weightage is given to candidate’s merit at graduate level, 30% is given to performance in written test and remaining 20% is based on viva voce.

**Semester Wise Distribution of Credits Offered to Students at P.G. Diploma in ECCE**

	<b>Course Title</b>	<b>Credits ( Th + Pr )</b>
<b>Semester I</b>		
	Growth and Development –I	3(3+1)
	Learning During Early Years	3(3+0)
	Management of Early Childhood Care and Education Programs	3(3+0)
	Introduction to Children with Special Needs	2(2+0)
	Developmentally Appropriate Practices –I	4(3+1)
	Participation –I	2(0+2)
	Guiding Children in Contemporary Context	2(2+0)
	<b>Total:</b>	<b>19</b>
<b>Semester II</b>		
	Growth and Development II	3(3+0)
	Child Health and Nutrition.	3 (2+1)

Parent and Community.	2 (1+1)
Developmentally Appropriate Practices II.	3 (2+1)
Participation II.	8 (0+8)
Seminar	2 (0+2)
<b>Total:</b>	<b>21</b>
<b>Grand Total</b>	<b>40</b>

## **PROGRAMME OF STUDY M.Sc. IN HUMAN DEVELOPMENT AND FAMILY STUDIES**

### **Eligibility Criteria for M.Sc. in Human Development and Family Studies Programme**

- a) B.F.C.Sc. or B.F.C.Sc. (Home) Degree in Human Development and Family Studies/Child Development.
- b) Bachelor degree in Sociology/Psychology/Education (not B.Ed.)/Social Work.
- c) B.F.C.Sc. (Gen.) or B.Sc. /B.A. (Home) Degree with General Home Science.
- d) Postgraduate Diploma in Early Childhood Care and Education/ Child Development.

Admissions to the M.F.C.Sc. degree program in HDFS is based on merit indicated by marks/grades obtained at the qualifying examination. There is an entrance examination as well as an interview for those who meet the minimum requirements of a high second class or an equivalent grade at the qualifying examination.

**COURSES OFFERED BY DEPARTMENT OF HUMAN DEVELOPMENT AND  
FAMILY STUDIES AT POST GRADUATE LEVEL**

**Semester Wise Distribution of Credits Offered to Students Specializing in  
Human Development and Family Studies**

	<b>Course Title</b>	<b>Credits ( Th + Pr )</b>
<b>Semester I</b>		
	Statistics for Research	3 (3 + 0)
	Quantitative Research Methods	3 (3 + 0)
	Family in Society	3 (3 + 0)
	Infant Development and Stimulation	2 (1 + 1)
	Adulthood and Aging	1 (0 + 1)
	Gender Equity and Society	1 (0 + 1)
	Children with Special Needs	3 (3 + 0)
	<b>Total:</b>	<b>16</b>
<b>Semester II</b>		
	Theories of Human Development	3 (3 + 0)
	Field Work	3 (0 + 3)
	Adolescence and Youth in Cross-Cultural Context	2 (1 + 1)
	Qualitative Research Methods	3 (3 + 0)
	Early Childhood Care and Education	2 (1 + 1)
	CB Course	02
	<b>Total:</b>	<b>15</b>
<b>Semester III</b>		
	Management and Supervision of Programs for Children and Families	3 (1 + 2)
	Innovative Programs of Education and Development	3 (3 + 0)
	Trends and Issues in Human Development	4 (4 + 0)

CB Course	02
<b>Total:</b>	<b>12</b>
<b>Semester IV</b>	
Introduction to Scientific Writing	2 (2 + 0)
Dissertation	10 (0 + 10)
Orientation to Guidance and Counselling	2 (1 + 1)
Internship in an Applied Setting / Program	3 (0 + 3)
<b>Total:</b>	<b>17</b>
<b>Grand Total:</b>	<b>60</b>

## **M. PHIL. DEGREE PROGRAMME IN HUMAN DEVELOPMENT AND FAMILY STUDIES**

### **Eligibility Criteria for Admission in M. Phil in Human Development and Family Studies Programme**

Candidates with a master's degree in Child/Human Development, Psychology, Sociology, anthropology, Social Work, Women's Studies, Gender Studies, and Education are eligible for admission in the department Ph.D. program. In addition to these allied fields, candidates from other fields (e.g. health management) may be considered for admission at the discretion of the department M.Phil/ PhD committee.

### **Program Framework**

The program comprises a total of 30 credits, 15 for the coursework and 15 for the dissertation.

<b>Course Work</b>	<b>: 15 Credits</b>
<b>Dissertation</b>	<b>: 15 Credits</b>
<b>Total</b>	<b>: 30 Credits</b>

## The Distribution of Credits for M. Phil in Human Development and Family Studies

Course Title	Credits
<b>CORE COURSES</b>	
<b>Research Methodology and Writing Courses:</b>	
Quantitative Research Methods	03
Academic Communication and Writing	02
<b>Total :</b>	<b>05</b>
<b>SUBJECT MATTER COURSES</b>	
Trends and Issues in Human Development II	02
Family Studies II	02
<b>Total :</b>	<b>04</b>
<b>Total Core Courses:</b>	<b>09</b>
<b>Choice Based Courses: 6 credits to be chosen from the following list</b>	
Trends and Issues in Early Childhood Care and Education	02
Gender, Human Rights and Development	02
Special Experience (e.g. presenting a paper in a seminar/workshop)	02
Independent Study*	1-3
Guidance and Counseling	02
*Independent Study: It may include a small-scale research or readings on a topic or a meaningful experience that the student undertakes with the teacher.	
<b>M. Phil Dissertation</b>	<b>15</b>

## PHD DEGREE PROGRAMME IN HUMAN DEVELOPMENT AND FAMILY STUDIES

### Eligibility Criteria for admission in PhD in Human Development and Family Studies Programme

The candidates holding Master's Degree in any of the following subjects from this or any other University or recognized institution shall be considered eligible to register for Ph.D. degree.

- a) M.F.C.Sc /M.Sc. (Home) Human Development and Family Studies, Child Development
- b) M.S.W. in Social Work
- c) M.D in Medicine with specialization in Preventive and Social Medicine/ Pediatrics, Obstetrics and Gynecology
- d) M.A. / M.Sc. in Psychology/ Anthropology/ Medical Anthropology/ Sociology/ Philosophy and Education
- e) M.A / M.Sc. in Cultural Studies/ Diaspora Studies/ Gender Studies/ Women's Studies/ Childhood Studies/ Divinity Studies
- f) M.Sc. in Public Health

### COURSES OFFERED BY HUMAN DEVELOPMENT AND FAMILY STUDIES AT DOCTORATE LEVEL

**Course Work : 15 Credits**

**Dissertation**

<b>Course Title</b>	<b>Credits ( Th + Pr )</b>
<b>A. CORE COURSES</b>	
Introduction to Research and Research Writings	03
Introduction to Basic Computer Functions and Application for Research Purposes	03
Quantitative Research Techniques and Data Analysis	03
<b>Total :</b>	<b>09</b>

## B. SUBJECT MATTER COURSES

Trends and Issues in Human Development II	02
Family Studies II	02
*CB Course	02
<b>Total :</b>	<b>06</b>
<b>Total (A+B):</b>	<b>15</b>

**\*Choice Based Courses: The Candidate Can Select Any One of the Following Courses:**

Trends and Issues in Early Childhood Care and Education	02
Gender, Human Rights and Development	02
Human Development Assessment and Interventions	02

## GENERAL LEVEL PROGRAMME

One of the primary objective of Family and Community Sciences program of study leading to bachelor's degree in higher education is to provide general education aimed at developing all-round personality and competencies essential for a variety of professions in the area of education, social interventions and entrepreneurship. The curriculum at under graduate level underwent revision with the introduction of three years B.F.C.Sc. Degree Programme in Family and Community Sciences. Specialization in all the five branches of study in Family and Community Sciences began to be offered from the second year of B.F.C.Sc. Degree program. At the end of the first year, students are required to opt for the stream of specialization they want to pursue in second and third year of B.F.C.Sc. Family and Community Sciences degree program. Any students who have completed the first two semesters will be qualified to seek admission to Family and Community Sciences provided she/he fulfills the eligibility.

This program has been formulated with focus on interdisciplinary perspective, to expose students to an integral program useful for life and career. Students graduating from the Faculty of Family and Community Sciences competencies emerge with necessary competencies to start entrepreneurial activities. Further, job opportunities include teaching in schools, field investigators or enumerators in research projects, community development workers, consumer goods promoters or marketing personnel, sales promoters and the like.

**FY BFCs. – Semester I and Semester II courses are common for all First Year**

**Total Credits: 42**

### **COURSES OFFERED BY GENERAL LEVEL PROGRAMME AT UNDER GRADUATE LEVEL**

**Semester Wise Distribution of Credits Offered to Students at General Level Programme**

	<b>Course Title</b>	<b>Credits ( Th + Pr )</b>
<b>Semester III</b>		
	Laundry Science	3 (2+1)
	Methods of in Communication Development	4 (3+1)

Time and Energy Management	3 (3+0)
Infant Feeding	3 (2+1)
Family and Child Welfare	3 (3+0)
CB Course	02
<b>Total:</b>	<b>18</b>

#### Semester IV

Children's Clothing	3 (1+2)
Genesis and Development of NGOs	3 (3+0)
Fundamentals of Housekeeping	4 (3+1)
Food Preservation	4 (2+2)
Children's Growth and Development	3 (3+0)
CB Course	04
<b>Total:</b>	<b>21</b>

#### Semester V

Indian Embroidery	4 (2+2)
Programs for Development	3 (3+0)
Home Furnishing	3 (2+1)
Sanitation and Hygiene	3 (3+0)
The Early Years: Learning Through Play	4 (3+1)
CB Course	04
<b>Total</b>	<b>21</b>

#### Semester VI

Historic Textiles and Costumes	3 (3+0)
Folk Media for Development	4 (3+1)
Consumer Education	3 (3+0)
Public Health Nutrition	3 (2+1)
Parent and Community Involvement	3 (2+1)
CB Course	02
<b>Total:</b>	<b>18</b>
<b>Grand Total:</b>	<b>78</b>

**Please note:**

- a) General Level students can choose from the list of Elective General Courses every semester as per the courses offered by the Department.
- b) In IV and V semester, they will also need to opt for one course in each semester from elective open list.

Credit distribution: Total 120 credits

<b>Levels</b>	<b>Credits</b>
First Year Course	42
Second and Third Year Courses	66
Elective Courses	06
Elective Open Course	06
<b>Total</b>	<b>120</b>

## **WOMEN'S STUDIES RESEARCH CENTER (WSRC)**

---

The Women's Studies Research Center (WSRC) at The Maharaja Sayajirao University of Baroda was established in July 1990. WSRC acts as a link between academicians, activists, government functionaries, and NGOs so as to mainstream women's and gender issues in the society. The Center undertakes multifaceted activities of research, teaching, training, documentation, and community outreach programs from the standpoint of women's lived experiences with the aim to create critical consciousness about gender in the socio-political, economic and cultural order. WSRC organizes teaching and training programs to incorporate the gender perspective in mainstream disciplines through courses, seminars, workshops and curriculum development programs across different departments of the University, other universities, research centers, NGOs and allied institutes. The WSRC offers two choice based courses for undergraduate students of the faculty to instill a gender perspective.

## CHOICE BASED COURSES OFFERED BY DIFFERENT DEPARTMENTS

### A. UNDER GRADUATE LEVEL: B.Sc. PROGRAMME

As mentioned before at S.Y and T.Y level under each semester, one course from elective generic is to be selected other than the specialization course which comes to 12 credits total. Apart from it, in fourth and fifth semester one course is to be selected from elective open option, which comes to 6 credits. Therefore, to complete 144 credits 18 credits comes from CBCS courses. Course options are given department wise in the following tables.

#### 1. DEPARTMENT OF CLOTHING AND TEXTILE

	Course Title	Credits ( Th + Pr )	Type of Course
<b>Semester III</b>			
	Consumer and Textiles	2 (2+ 0)	<b>Elective Generic</b>
<b>Semester IV</b>			
	Image Styling	2 (2+ 0)	<b>Elective Generic</b>
	Household Textiles	2 (2+ 0)	<b>Elective Open</b>
<b>Semester V</b>			
	Textile Craft Design	2 (2+ 0)	<b>Elective Generic</b>
	Sociological and Psychological Aspects of Clothing	2 (2+ 0)	<b>Elective Open</b>
<b>Semester VI</b>			
	Indian Textiles and Culture	2 (2+ 0)	<b>Elective Generic</b>

#### 2. DEPARTMENT OF EXTENSION AND COMMUNICATION

	Course Title	Credits ( Th + Pr )	Type of Course
<b>Semester III</b>			
	Entrepreneurship Management	2 (2+0)	<b>Elective Generic</b>

**Semester IV**

Extension Management	2 (2+0)	<b>Elective Generic</b>
Communication Strategies for Development	2 (2+0)	<b>Elective Open</b>

**Semester V**

Folk media for Development Communications	2 (2+0)	<b>Elective Generic</b>
Designing Action Project	2 (1+1)	<b>Elective Open</b>

**Semester VI**

Writing for Development Communication	2 (2+0)	<b>Elective Generic</b>
---------------------------------------	---------	-------------------------

**3. DEPARTMENT OF FOODS AND NUTRITION**

	<b>Course Title</b>	<b>Credits ( Th + Pr )</b>	<b>Type of Course</b>
<b>Semester III</b>	Diet for Healthy Living	2 (2+0)	<b>Elective Generic</b>
<b>Semester IV</b>	Nutrition Indicators for Health	2 (2+0)	<b>Elective Generic</b>
	Exercise Physiology	2 (2+0)	<b>Elective Open</b>
<b>Semester V</b>	Nutrition for Health and Fitness	2 (2+0)	<b>Elective Generic</b>
	Food labelling and Consumer Awareness	2 (2+0)	<b>Elective Open</b>
<b>Semester VI</b>	Nutrition for Generation Next	2 (2+0)	<b>Elective Generic</b>

#### 4. DEPARTMENT OF FAMILY AND COMMUNITY RESOURCE MANAGEMENT

	<b>Course Title</b>	<b>Credits ( Th + Pr )</b>	<b>Type of Course</b>
<b>Semester III</b>	Environment Education	2 (2+0)	<b>Elective Generic</b>
<b>Semester IV</b>	Introduction to Event Management	2 (2+0)	<b>Elective Generic</b>
	Residential Lighting	2 (2+0)	<b>Elective Open</b>
<b>Semester V</b>	Fundamentals of Travel and Tourism	2 (2+0)	<b>Elective Generic</b>
	Front Office Operations	2 (2+0)	<b>Elective Open</b>
<b>Semester VI</b>	Residential Landscaping and Gardening	2 (2+0)	<b>Elective Generic</b>

#### 5. DEPARTMENT OF HUMAN DEVELOPMENT AND FAMILY STUDIES

	<b>Course Title</b>	<b>Credits ( Th + Pr )</b>	<b>Type of Course</b>
<b>Semester III</b>	The World of Youth	2 (2+0)	<b>Elective Generic</b>
<b>Semester IV</b>	Interpersonal Relationships	2 (2+0)	<b>Elective Generic</b>
	Life Skills Education	2 (2+0)	<b>Elective Open</b>
<b>Semester V</b>	Change Makers for Social Development	2 (2+0)	<b>Elective Generic</b>
	Science and Art of Parenting	2 (2+0)	<b>Elective Open</b>
<b>Semester VI</b>	Designing Learning Materials for Children	2 (2+0)	<b>Elective Generic</b>

## 6. WOMEN'S STUDIES RESEARCH CENTER

	<b>Course Title</b>	<b>Credits ( Th + Pr )</b>	<b>Type of Course</b>
<b>Semester IV</b>			
	Women, Society and Development	2 (2+0)	<b>Elective Open</b>
<b>Semester V</b>			
	Women, Rights and Law	2 (2+0)	<b>Elective Open</b>

## 7. DEPARTMENT OF PHYSICAL EDUCATION

	<b>Course Title</b>	<b>Credits ( Th + Pr )</b>	<b>Type of Course</b>
<b>Semester III</b>			
	Foundation of Physical Education And Sports	2 (1+1)	<b>Elective Generic</b>
<b>Semester V</b>			
	Advanced Physical Education and Sports	2 (1+1)	<b>Elective Generic</b>

## 8. OTHER CHOICE BASED COURSES

	<b>Course Title</b>	<b>Credits ( Th + Pr )</b>	<b>Type of Course</b>
<b>Semester IV</b>			
	Basic Graphics and Web Designing-I	2 (0+2)	<b>Elective Generic</b>
<b>Semester VI</b>			
	Basic Graphics and Web Designing – II	2 (0+2)	<b>Elective Generic</b>

## B. POST GRADUATE LEVEL: M.Sc. PROGRAMME

To complete the 60 credit programme of specialization at M.Sc. level, students will have to opt one course each of Choice Based Credit in second and third semester respectively, other than the courses offered from specialization department. Course options offered by various departments are mentioned below.

### 1. DEPARTMENT OF CLOTHING AND TEXTILE

	<b>Course Title</b>	<b>Credits ( Th + Pr )</b>	<b>Type of Course</b>
<b>Semester II</b>			
	Design Development for Home Décor	2 (2+0)	<b>Elective</b>
<b>Semester III</b>			
	World Costumes and Culture	2 (2+0)	<b>Elective</b>

### 2. DEPARTMENT OF EXTENSION AND COMMUNICATION

	<b>Course Title</b>	<b>Credits ( Th + Pr )</b>	<b>Type of Course</b>
<b>Semester II</b>			
	Entrepreneurship Management	2 (2+0)	<b>Elective</b>
<b>Semester III</b>			
	Media Appreciation	2 (1 + 1)	<b>Elective</b>

### 3. DEPARTMENT OF FOODS AND NUTRITION

	<b>Course Title</b>	<b>Credits ( Th + Pr )</b>	<b>Type of Course</b>
<b>Semester II</b>			
	Sports nutrition	2 (2+0)	<b>Elective</b>
<b>Semester III</b>			
	Nutrition Health Communication for Mother and Child	2 (2+0)	<b>Elective</b>

#### 4. DEPARTMENT OF FAMILY and COMMUNITY RESOURCE MANAGEMENT

	<b>Course Title</b>	<b>Credits ( Th + Pr )</b>	<b>Type of Course</b>
<b>Semester II</b>			
	Consumer Ergonomics	2 (2 + 0)	<b>Elective</b>
<b>Semester III</b>			
	Event Management	2 (1 + 1)	<b>Elective</b>

#### 5. DEPARTMENT OF HUMAN DEVELOPMENT AND FAMILY STUDIES

	<b>Course Title</b>	<b>Credits ( Th + Pr )</b>	<b>Type of Course</b>
<b>Semester II</b>			
	Journey into Adulthood: Opportunities and Challenges	2 (2+0)	<b>Elective</b>
<b>Semester III</b>			
	Art and Science of Parenting	2 (2+0)	<b>Elective</b>

**NOTE:**

- 1. University has all rights to alter/change the fees structure.**
- 2. Candidate should confirm the reading of the prospectus and eligibility condition / criteria for the said programme.**
- 3. Scheme of Exam: As per the university rules.**
- 4. Online system is registration for admission only.**
- 5. Courses under higher payment board will commence only if they are financially viable.**
- 6. Do not compare the courses with any other academic year programme.**
- 7. Please refer to Admission Manual of the university on the website for details of programmes.**

## FACULTY OF FAMILY AND COMMUNITY SCIENCES STAFF LIST

**2016 – 2017**

NAME	DESIGNATION	
<b>Officers And Teaching Staff</b>		
Prof. Uma Iyer	Dean	
Ms.Dhara Bhatt	Dean of Students	
Dr.AnuradhaMathu	Teacher Supervisor	
Dr.Reena Bhatia	Dean of Sports	
<b>Clothing and Textile Department</b>		
Dr.AmitaPandya	Professor	
Dr. Anjali Karolia	Associate Professor (CAS)	Stage 5 (CAS)
Dr.MadhuSharan	Associate Professor	
Ms.VandanaChauhan	Assistant Professor	Stage 4 (CAS)
Dr.Reena Bhatia	Assistant Professor	Stage 2 (CAS)
Dr.HemlataRaval	Assistant Professor	
Dr.Falguni Patel	Assistant Professor	
Ms.TruptiDhoka	Temp. Assistant Professor	
Ms.GurvinderKaur	Temp. Teaching Assistant	
Ms.AnkitaShroff	Temp. Teaching Assistant	
Ms.RinkuAgrawal	Temp. Teaching Assistant	
<b>Extension and Communication Department</b>		
Dr.RameshwariPandya	Professor	
Dr. Uma Joshi	Assistant Professor	Stage 5 (CAS)
Dr. Anjali Pahad	Assistant Professor	Stage 5 (CAS)
Dr.AvaniManiar	Field Supervisor / Assistant Professor	Stage 3 (CAS)
Dr.AnuradhaMathu	Assistant Professor	Stage 2 (CAS)

Ms.MeghaSidhpura	Assistant Professor
Dr.Atanu Kumar Mohapatra	Assistant Professor
Ms.Dhara Bhatt	Temp. Teaching Assistant
Ms.PoojaMistry	Temp. Teaching Assistant
Dr. Shivani Mehta	Temp. Teaching Assistant
Ms. Jagrati Vadnerkar	Temp. Teaching Assistant
Ms. Sarika Patel	Temp. Teaching Assistant

### Family and Community Resource Management Department

Dr.NeerjaJaiswal	Associate Professor	
Dr.Sarjoo Patel	Assistant Professor	Stage 3 (CAS)
Dr. Mona Mehta	Assistant Professor	
Dr.Urvashi Mishra	Temp. Assistant Professor	
Ms.ShilpiSaraswat	Temp. Assistant Professor	
Ms. Rakhi Dasgupta	Temp. Teaching Assistant	
Ms.RutuModi	Temp. Teaching Assistant	
Ms. Nidhi Gupte	Temp. Teaching Assistant	
Ms. Monika Jani	Temp. Teaching Assistant	
Ms. Sneha Jaiswal	Temp. Teaching Assistant	
Ms. Shivangi Jadia	Temp. Teaching Assistant	

### Foods and Nutrition Department

Dr. Uma Iyer	Professor	
Dr.MeenakshiMehan	Assistant Professor	Stage 5 (CAS)
Dr.KomalChauhan	Assistant Professor	Stage 4 (CAS)
Dr. Mini Sheth	Assistant Professor	Stage 4 (CAS)
Dr.VanishaNambiar	Associate Professor	
Dr.SuneetaChandorkar	Assistant Professor	Stage 3 (CAS)
Dr. Swati Dhruva	Assistant Professor	
Ms.KanchiBaria	Assistant Professor	

Dr.Hemangini Gandhi	Temp. Assistant Professor
Dr.ShonimaVenugopal	Temp. Assistant Professor
Dr. Swati Parnami	Temp. Assistant Professor
Dr.VijayataSengar	Temp. Assistant Professor
Ms. Neha Garg	Temp. Assistant Professor
Ms. Dhara Jaiswal	Temp. Teaching Assistant
Dr. Mital Dave	Temp. Teaching Assistant
Ms. Surabhi Pareek	Temp. Teaching Assistant

### General Home Science

Dr. Annie Kuruvilla	Assistant Professor	Stage 4 (CAS)
Dr.Sirimavo Nair	Assistant Professor	Stage 4 (CAS)

### Human Development and Family Studies Department

Dr.ShagufaKapadia	Associate Professor	Stage 5 (CAS)
Dr.Divya Sharma	Assistant Professor	Stage 2 (CAS)
Dr.RachnaBhangaokar	Assistant Professor	Stage 3 (CAS)
Dr.Jigisha Gala	Assistant Professor	
Ms.Namita Bhatt	Temp. Assistant Professor	
Ms.Manjari Shah	Temp. Assistant Professor	
Ms. Niyati Pandya	Temp. Assistant Professor	
Dr. Dhvani Patel	Temp. Assistant Professor	
Ms. Abhidha Seth	Temp. Assistant Professor	
Ms. Perminder Wadwani	Temp. Teaching Assistant	
Ms. Nidhi Shah	Temp. Teaching Assistant	
Ms. P. Dinakumari Sharma	Temp. Teaching Assistant	
Ms. Prachi Srivastava	Temp. Teaching Assistant	

### Women Studies and Research Centre

Dr.ShagufaKapadia	Honorary Director
-------------------	-------------------

Ms. Priya Parikh	Research Assistant
Ms. Geetha Srinivasan	Library Assistant
Ms. Falguni Helaiya	Professional Assistant (Adm)
Ms. Dipali Gavade	Typist Cum Clerk
Mr. Ashokbhai Thakor	Peon

### **Chetan Balwadi**

Dr. Divya Sharma	Superintendent
Ms. Preeti Dharpale	Teacher

### **English**

Shri Pronoy Singha	Temp. Teaching Assistant
--------------------	--------------------------

### **Computer**

Ms. Sapna Shah	Visiting Faculty
----------------	------------------

### **Administrative and Technical Staff**

Mr. Paresh Tadvi	Superintendent
Ms. Kirtida Shastri	Head Clerk
Mr. Jignesh Shah	Senior Clerk
Ms. Arti Joshi	Clerk
Ms. Karuna Nehate	Clerk
Ms. Kinjal Soni	Temp. Clerk
Ms. Hemangini Kadam	Temp. Data Entry Operator
Ms. Minaxi Sutaria	Temp Lab. Assistant
Mr. Kalpesh Pandya	Audio Visual Technician
Mr. Naynesh Shah	Junior Technical Assistant
Ms. Kinjal Gajjar	Technical Assistant
Mr. Rajesh Dave	Technical Assistant
Mr. Sanjay Bhatt	Laboratory Assistant

Ms. ShafaliRathod	Temp. Laboratory Assistant
Ms. FalguniHelaiya	Temp. Office Assistant
Ms. Seema Koranne	Laboratory Assistant
Mr. IshwarlalPatel	Laboratory Assistant
Mr. Dipak Brahmhatt	Laboratory Assistant
Mr. ManojMakwana	Temp. Cook Assistant
Mr. Robin Christian	Carpentry Mistry
Mr. Ashwin Gandhi	Driver

#### Class IV

Ms. MadhaviUttekar	Laboratory Assistant
Mr. Pravin Raj	Laboratory Attendant
Mr. KiritRathod	Laboratory Attendant
Mr. PunamRana	Laboratory Attendant
Mr. PareshPagi	Temp. Lab. Attendant
Mr. MangalBhabhor	Temp. Lab. Attendant
Mr. Vinod Shinde	Temp. Lab. Attendant
Mr. Ramesh Chavda	Peon
Mr. Arvind Gavande	Peon
Mr. Vinod Kahar	Peon
Mr. Sunil Ratudi	Peon
Mr. JalimsinhGohil	Peon
Mr. Prakash Patel	Temp. Peon
Mr. Sachin Pawar	Temp. Peon
Mr. MahendraGaekawad	Temp. Peon
Mr. Sachin Salunke	Temp. Peon
Mr. MukeshBhabhor	Temp. Peon
Mr. Pankaj Solanki	Temp. Peon Cum Sweeper
Mr. Chetan Solanki	Temp. Sweeper
Mr. JayeshSolanki	Temp. Sweeper
Mr. JesingAmaliar	Pagi
Mr. Soma Ninama	Naik
Mrs. Jasuben Patel	Maid Servant

Mrs. TarabenParmar	Temp. maid servant
Mrs. Lataben Solanki	Temp. Sweeper
Mr. Chandrakant Solanki	Temp. Peon
Mr. Mahesh Parmar	Temp. Peon
Mr. Kalpesh More	Temp. Peon
Ms. IlabenPatelia	Temp. Cook cum maid servant

### **HPP-FN (Honors)**

#### **Administrative Staff**

Prof. Uma Iyer	Director
Dr. Annie Kuruvilla	Associate Director
Dr. Suneeta Chandorkar	Assistant Director

### **HPP-FN(P.G. Diploma in Food Service Management)**

#### **Administrative Staff**

Prof. Uma Iyer	Director
Dr. Komal Chauhan	Associate Director
Dr. Swati Dhruva	Assistant Director

#### **Teaching Staff**

Dr. Shruti Kantawala	Temp. Assistant Professor
Ms. Mansi Diwanji	Temp. Teaching Assistant
Ms. Kinjal Zaveri	Temp. Teaching Assistant
Ms. Nikita Joshi	Visiting Faculty
Ms. Rani Sanghadia	Visiting Faculty

#### **Non-Teaching Staff**

Ms. Nirali V Jain	Head Clerk
Mr. Jigar Rana	Clerk
Ms. Pushpaben K Parmar	Peon
Ms. Ashaben Solanki	Peon cum sweeper

### **HPP – FCRM DEPARTMENT**

#### **Administrative Staff**

Prof. Uma Iyer	Director
Dr. Neerja Jaiswal	Associate Director
Dr. Mona Mehta	Assistant Director

#### **Teaching Staff**

Ms. Himani Shah	Temp. Assistant Professor
Ms. Hardi Pavasiya	Temp. Teaching Assistant

### **Non-Teaching Staff**

Ms.NishitaThakkar	Accountant Cum Clerk
Mr. Bharat Kahar	Temp. Clerk
Mr. Chetan Uttekar	Peon
Mr. DilipbhaiHarijan	Temp. Peon