

## **DEPARTMENT OF HOME SCIENCE**

### **B.A: HOME SCIENCE**

#### **PROGRAMME OUTCOME-**

- To understand and appreciate the role of interdisciplinary sciences in the development & well-being of individuals, families and communities.
- To understand the importance of food & health to enhance the quality of people.
- To acquire professional & entrepreneurial skills for economic empowerment of self in particular and community in general.
- To develop skills in food, nutrition, textiles, housing, product making, communication technologies and human development.
- To take science from the laboratory to the people.

#### **PROGRAMME SPECIFIC OUTCOME**

##### **C.1: BASIC NUTRITION & DIETETICS:**

Analyze nutrients, food quality and manage diseases using diet therapy. To acquire skills to establish a food service outlet. Professionally competent to take up career in academics, health care and service industry.

##### **C.2: COMMUNITY NUTRITION:**

This course will make student to understand the role of food & nutrition for the welfare of the community. Excel in the area of personal & public health nutrition. Take up professions in community upliftment programme.

##### **C.3: FOOD AND NUTRITION:**

Enable to pursue higher education and research understand the role of food and nutrition for good health.

##### **C.4: TEXTILE CLOTHING:**

Gain knowledge in textile production techniques equipped with skills required become a fashion designer, develop entrepreneurial skills in textiles and fashion and apparel construction.

##### **C.5: LAUNDRY SCIENCE:**

Enable the students to gain knowledge in the field of care & maintenance of fabrics & textile products.

**C.6: COMMUNICATION & EXTENSION EDUCATION:**

Enhance people's capacity for social functioning towards better quality of life. Competency in rural development practices. Increase involvement & contribution to the citizen. Demonstrate effective communication skills when dealing with people.

**C.7: PHYSIOLOGY:**

To understand the functions of important physiological systems.

**C.8: FAMILY RESOURCE MANAGEMENT:**

Create an awareness among the students about resource & their management in the funds. It also enhances the decision-making capability of the woman and they learn techniques of work simplification.

**C.9: CHILD DEVELOPMENT:**

The early years of a child life are very important for his or her health & development. Identify techniques for meeting the needs of infants & toddlers, student get knowledge & prepare themselves to counsel the mother.

**C.10: HOUSEHOLD ECONOMICS:**

- To understand the field of Home Economics.
- To create an awareness among the students about resources & their management in the family.

**C.11: HOME SCIENCE EXTENSION EDUCATIONS:**

- To get an exposure to a new rural area and the socio-economic condition of people.
- To face the rural reality during the rural living & learning experience.
- To impart in depth practical knowledge to the villagers.

**C.12: INTERIOR DECORATION:**

- To develop skills regarding the principles & methods of interior decoration.
- To develop skill of preparing bouquet & flowers arrangements for decoration. It enhances the chances of employment.

### **C.13: RESEARCH METHODOLOGY:**

The students will be able to discuss different methodologies & techniques used in research work. They are able to explain basic computer skills necessary for the conduct of research.

### **C.14: MARRIAGE AND FAMILY RELATION:**

The students will learn how family is defined and how family dynamics are changing & evolving recognize changes in courtship, marriage and family patterns.

#### **COURSE OUTCOME**

##### **SEMESTER-I**

##### **CORE-I: FUNDAMENTALS OF FOOD AND PROPER NUTRITION:**

By completion of this course students will be able

1. To understand the importance of food and nutrition in diet.
2. To study the sources, function, requirement & deficiency of macro & micro nutrients in the human body.
3. To examine the difference in weight and measures of raw & cooked food.
4. To learn about various methods of preparing salad and beverages.

##### **CORE-II: HUMAN PHYSIOLOGY:**

By completion of this course, students will be able

1. To understand the structure and functions of various organs of the body.
2. To obtain understanding of the body mechanism through the study of human physiology.

##### **SEMESTER -II**

##### **CORE-III: BASIC NUTRITION AND DIETETICS:**

By completion of this course, students will be able

1. To know the importance of various methods of food processing adopted in different methods of cooking.
2. To understand the meaning & principles of formulating balanced diet for different age group of people.
3. To learn about food positioning healthy and safe food practices.
4. To study about the methods of food preservation of food adulteration.

##### **CORE-IV: TEXTILE AND CLOTHING:**

By completion of this course, students will be able

- 1.To identify different fibre through visual burning and microscopic test.
- 2.To know different stitching method.
- 3.To have knowledge of choosing clothes for different age group of people.

**CORE-V: CHILD DEVELOPMENT:**

By completion of this course, students will able

- 1.To understand the importance of child study and growth pattern of children.
- 2.To study the development pattern of children starting from prenatal period up to 5 years of age in areas as physical, emotional, social and speech development.
- 3.To understand the importance of play & play materials.
- 4.Preparation of toy out of waste materials.

**CORE- VI: FAMILY RESOURCE MANAGEMENT:**

By completion of this course, students will able

- 1.To understand the concept of home management and its process applied to daily activities of the household.
- 2.To gain knowledge about the use of different family resource as time, money and energy.
- 3.preparedness of daily time plan.

**CORE-VII: LAUNDRY SCIENCE:**

By completion of this course, students will able

- 1.To understand different methods of laundering.
- 2.To obtain knowledge about various types of soaps and detergents used in laundry work.
- 3.Toknow various methods of stain removals.
- 4.Enhance the skill in laundry field and help in generating money.

**SEMESTER-IV**

**CORE-VIII: HOUSE HOLD ECONOMICS:**

By completion of this course, students will able

1. To gain knowledge about family income and expenditure pattern of home.
2. To have idea about the importance and methods of saving and investment of a family.

3. To provide knowledge to preparing household account by using different method.
4. To make about the bank and post office savings scheme for normal and senior citizen.

### **CORE-IX: HOME SCIENCE EXTENSION EDUCATION**

By completion of this course, students will able

1. To enable the students to understand and meaning, principles, philosophy of Home Science extension education.
2. To enrich the knowledge of the students about teaching learning process in Extension Education.
3. To enable the students to aware about the social issues and method of eradicating such issues.

### **CORE-X: INTERIOR DECORATION:**

By completion of this course, students will able

- 1.To understand the concept of interior decoration and home furnishing.
- 2.To enhance the aesthetic value of house and housewife.
- 3.Planning colour scheme and use of home décor.

### **SEMESTER-V:**

### **CORE-XI: COMMUNICATION IN EXTENSION EDUCATION:**

By completion of this course, students will able

- 1.To understand the principle, process, models of communication in extension education.
- 2.To have knowledge about different types of audio-visual aids which facilitate the communicating process.
- 3.To adopt different method to create awareness in rural urban and tribal area.

### **CORE-CXII: RESEARCH METHODOLOGY**

By completion of this course, students will able

- 1.To understand the meaning & process of research in Social Science.
- 2.To have fundamental knowledge about analysis of data & the diagrammatic representation of data.

3.To learn the technique of interpretation of data and report writing.

### **SEMESTER-VI**

#### **DSE-III: EXTENSION EDUCATION AND COMMUNITY DEVELOPMENT:**

By completion of this course, students will be able

- 1.To enable the students to know about Home Science extension activities for community development.
- 2.To enhance knowledge about good administration, supervision and program planning in extension education.

#### **DSE-IV: PROJECT WORK:**

On completion of the paper, students will be able to :-

- To learn & practice the literature survey aspects of projects.
- To enable students to design & execute projects.
- To equip the technicalities of report writing.

### **SEMESTER-VI:**

#### **CORE-XIII: COMMUNITY HEALTH AND NUTRITION:**

By completion of this course, students will be able

- 1.To understand the concept of community health & health for all.
- 2.To appreciate the various methods of cooking, nutritional status & supplementary nutrition programme.
- 3.To be able to assess the nutritional status.
- 4.To be able to know about National & International Nutritional Agencies.

#### **CORE-XIV: MARRIAGE AND FAMILY RELATION:**

By completion of this course, students will be able

- 1.To understand the concept of marriage & its importance in family life.
- 2.To acquire knowledge about the different pattern of marriage rituals & ceremonies existing in Indian society.
- 3.To understand about family, its importance & types prevalent in India.
- 4.To know about the family life cycle, its stages & importance in family life.

5.To understand the problems of family & married life prevalent in the society.

## **SEMESTER-V**

### **DSE-I: HOUSE PLANNING FOR BETTER FAMILY LIVING:**

By completion of this course, students will able

- 1.To have a knowledge on the needs, importance and function of a house.
- 2.To understand the principles, process of house planning.
- 3.To obtain knowledge about building & finishing materials used in a house construction.

### **DSE-II: EARLY CHILDHOOD CARE & EDUCATION:**

By completion of this course, students will able

- 1.To have a knowledge about the importance of early childhood years and child rearing practices.
- 2.To understand children's environment, physical, psychological health care, importance of play and developing creativity of young children.
- 3.To know about the constitutional and legal provisions for child care & development in India.