**SUBJECT- HOME SCIENCE**

**COURSE OUTCOME**

Home science has a vital role to play in increasing the capacity of the family and the community. It is an interdisciplinary field that is related to both the fields of arts and science. It has been innovatively designed to enable students to acquire knowledge in the field of Family Resource Management, Health and Hygiene, Human Physiology, Clothing & Textiles, Foods & Nutrition and Human Development. The curriculum has an integrated approach of combining theory, practical and field work. The course focuses on skill development, innovation and capacity building. It aims at making the students self-reliant with necessary proficiencies for a wide variety of career with entrepreneurial skill. Practiced training, expert lectures, demonstrations, workshops and seminars gives hand on experience to students. Students are sensitized towards challenges and solutions for societal development from grass- root level i.e. home. Its main objective is to enable students to develop entrepreneurship skills and after completion of the course the student will be aware of entrepreneurial qualities, to formulate small scale project, to develop basic skills for the management of small enterprise.

**SEMESTER-1**

**COURSE- FAMILY RESOURCE MANAGEMENT**

**Course Objective:**

* To help students to gain knowledge about factors affecting the housing needs in India
* Gain knowledge about interior decoration and principles of planning specific areas
* Gain knowledge of furnishing and be able to choose furnishing material keeping financial considerations in mind
* To have an overview of the consumer problems, consumer movement and consumer protection.
* To familiarize the students with the changing socio-economic environment and consumer behavior

**Course Outcome:** After completion of the course the student will be able to

* Understanding daily issues and improving aspects of life that impacts individuals, families and community such as relationship, shelter, clothing and nutrition.
* Gain knowledge of Time, energy, income, saving and investment management in the changing socio economic environment.
* Understand factors affecting the housing needs in India
* Be able to apply the skill of interior decoration in planning different spaces.
* Choose appropriate furnishing material keeping in mind characteristics of room, family needs, style and financial considerations.
* Understand furniture arrangements and styles
* Be familiar with functional and decorative accessories.
* Understand the role of consumer in the economy, consumer problems and education
* Gain knowledge of Time, energy, income, saving and investment management in the changing socio economic environment

**SEMESTER-2**

**COURSE- HEALTH & HYGIENE**

**Course Objectives:**

* The students will be able to clearly identify problems related to personal hygiene and sanitation and their causes, to understand better hygiene leads to better health, confidence and overall growth
* The students will be able to identify ways to improve or maintain good personal hygiene practices.

**Course Outcome:** After completion of the course the student will be able :

* To understand concept of hygiene and sanitation, personal hygiene practices.
* Concepts of providing clean water & sanitation
* Hygiene in special periods related to health.
* Infectious disease and their prevention,
* Emerging problems related to female hygiene- Breast Cancer & Cervical Cancer

**SEMESTER-3**

**COURSE- HUMAN PHYSIOLOGY**

**Course Objectives:**

* This paper will enable students to advance their understanding of some of the relevant issues and topics of human physiology
* Understand the integrated function of all systems and relationship of nutritional science in physiology.
* Understand the alterations of structure and function in various organs and systems in disease conditions.

**Course Outcome:**

* Understanding about the functioning of human biological systems.
* Knowledge of interrelationship between different organs with each other.
* Deep understanding about organ specific diseases and their causing ailments.

**SEMESTER 4**

**COURSE NAME- CLOTHING AND TEXTILES**

**Course Objectives-**

* To understand and develop skill in general construction techniques of garments
* To provide students the knowledge of traditional textiles of India and acquaint them with their importance.
* To impart the techniques of embellishing household and clothing articles for consumer utility.

**Course outcomes** – after completion of the course the student will be able to

* Understand traditional textiles of India
* Able to identify and develop skill in various traditional embroidery styles
* Be acquainted with traditional Indian costumes of different states
* Able to use traditional embroideries in contemporary dresses and costumes
* Acquire basic skills and knowledge to make paper patterns by different methods
* Develop an understanding of pattern making techniques used in garment industry
* Create designs for apparels using construction details applying elements of arts and principles of designs
* Understand the basic concept of Fibres and fabric science that includes their manufacturing and properties of different fibres, weaves, yarn technology and yarn finishes, dyeing, printing, laundry reagents etc.

**SEMESTER 5**

**COURSE NAME- FOODS & NUTRITION**

**Course Objectives-**

* To understand the methods of assessment of nutritional status
* Understand principles of diet therapy; know the methods of normal diet for therapeutic purpose and planning of diets in various disease conditions
* To orient students to the socio-cultural and economic environment effecting dietary and nutritional status.
* To enhance self employment potential through entrepreneurial skills training in cookery.
* To develop the capabilities and knowledge of students in the areas of Food science, Principles of Nutrition and Meal Planning.
* To understand meal planning in different phases of life

**Course Outcome**: After completion of the course, the student will be able

* To understand nutrients, their functions and metabolism,
* To understand diet therapy and therapeutic modifications of normal diet
* Familiar with different methods of assessment of nutritional status
* Understand principles of dietetic management in different disease conditions,
* Knowledge and understanding of food composition in the context of food quality and safety
* Microbiological aspects of food quality and safety

**SEMESTER 6**

**COURSE NAME- HUMAN DEVELOPMENT**

**Course Objectives-**

* To foster competence and excellence in students by enhancing communication and leadership skills.
* To enable students understand growth and development during prenatal period, infancy and childhood To develop awareness of important aspects of development during prenatal period infancy and childhood and to understand the issues faced in these stages
* To develop an understanding of parent-child relationships, role of family, school and community in child development

**Course outcomes** – After completion of the course the student will be able

* To gain knowledge of various aspects and concerns of development with special focus from conception to middle childhood stages
* To analyze and effectively deal with developmental
* Adjustment issues from prenatal period to childhood stages
* Understand parent-child relationships, role of family, school and community in child development
* Understand the needs of exceptional children, and other aspects related to child psychology, personality, intelligence etc.