

## HOME SCIENCE

### 1. LIST OF COURSES PROVIDED

### 2. COURSE OBJECTIVES

### 3. COURSE OUTCOMES

S No.	Subject with code	Objectives	Outcomes
1	Introduction to Family Resource Management <b>HS/1/CC/01</b>	This course deals with creating awareness among the student regarding maximum utilisation of resources in order to achieve maximum satisfaction with the given time period	The student will be *educated about management in the family as well as in other spheres of life. *Simple examples will help the student understand better the concept of management and their adaptation in home living. *They will be able to demonstrate the management of individual and family resources in living environment
2	Organic Chemistry <b>HS/1/CC/03</b>	The course introduce the study of life and all of the chemical reactions related to life.	The learners will understand Organic chemistry is so closely related with our daily activities. The food we eat, the changes this food undergoes in our body are organic chemical reaction. Metabolism, growth and maintenance of bodily functions involves organic chemistry, etc
3	Textiles <b>HS/1/CC/05</b>	Introduction to textiles and Clothing. Definition and classification of fibers, yarns, weaves. Knowledge about textiles finishes and care and maintenance of fabric.	The learners will understand the primary and secondary properties of fibers, the classifications of yarns, constructions of fabrics. Importance of textiles finishes, laundry aids and their uses.

4	Introduction to Nutrition <b>HS/II/CC/07</b>	This course orients the student to understand the basic nutrition, mainly dealing with the various nutrients.	The learner will learn the important definitions which will further help in understanding the subject, various nutrients are studied with special respect to their functions in our body, requirement, food sources and deficiency diseases.
5	Biochemistry <b>HS/II/CC/09</b>	The course introduces the understanding of metabolism well enough to predict and control changes that occur in cells. The learners will have yielded such benefits as treatments for many metabolic diseases, antibiotics to combat bacteria and methods to boost industrial and agricultural productivity.	The learners will have an ability to understand fundamental concepts of biology, chemistry and biochemistry, an ability to apply basic principles of chemistry to biological systems and molecular biology and an ability to relate various interrelated physiological and metabolic events.
6	Extension Education- <b>HS/II/CC/11</b>	The course introduces the Education of Adults specially in the rural sector.	The learner will understand the basic process of Adult Education, the psychology of adults, and the teaching/learning processes; how to plan Extension programmes; They will understand the importance of leadership in any programme.
7	History of Home Science <b>HISTS/III/FC/O3/HS</b>	This course aims at giving an overall understanding of various home science subjects and their importance in future career development	The student will gain a brief and concise knowledge of various stream of home science subject which will guide in future selection of the specific stream as career development is included in the course.
8	Extension Education and Communication- <b>HS/III/CC13</b>	The course explains communication and the different kinds of communication processes.	The learner will learn the different processes of communication. And how best to communicate with Adult learners.

9	Physiology <b>HS/III/CC/15</b>	The subject provides a course of study in mammalian, principally human, systems physiology, building on knowledge of basic physiological principles.	The learners will have an enhanced knowledge and appreciation of mammalian physiology; understand the functions of important physiological systems including the cardio-respiratory, renal, reproductive and metabolic systems; understand how these separate systems interact to yield integrated physiological responses to challenges and be able to recognize and identify principal tissue structures.
10	Household Equipment & Consumer Education <b>HS/III/CC/17</b>	Numerous activities demand the time of the home maker . Unless she is skilfull in managing her resources of time,energy and money she will find her tasks nerve wrecking and exhausting. This course gives how the proper use of equipment and the knowledge of consumerism in marketing can bring a satisfying results	The student will become familiar with simple things that is used in everyone’s life, ie electricity,necessary to run equipments. *Practical equipments will help not only to simplify the jobs but also cutting down number of movements required for specific activity.  *evaluate consumer policies, information and services including that relate to responsibilities.  *Part of consumer education help students ensure fair practices, avoidance of hoarding and best services to consumer
11	Environmental Studies <b>EVS/IV/FC/07</b>	The course tries to create the awareness about environmental problems among people. Imparting basic knowledge about the environment and its allied problems and to develop an attitude of concern for the environment.	The learners will learn how to communicate complex environmental information to both technical and non-technical audiences; Understand and evaluate the global scale of environmental problems; and. Reflect critically on their roles, responsibilities, and identities as citizens, consumers and environmental actors in a

			complex,interconnected world.
12	Human Development - Childhood <b>HS/IV/CC/19</b>	This course aims to develop an understanding about the basic concepts in Human Development and the growth processes taking place from conception till Late Childhood.	Students will become acquainted with the principles of Human Development and the various factors affecting growth and development. They will gain an understanding of development during the pre-natal period, infancy, early childhood and late childhood
13	Clothing & Textiles <b>HS/IV/CC/21</b>	To study the development of design, methods of taking body measurements, equipment's and tools for sewing. Dyeing of textiles and study the different textiles of India.	The learners will know the importance of equipment's and tools for developing designs, fitting strategies of garments. Gaining Knowledge about the different developing designs. The classifications of dyes and the methods of dyeing and printing and the richness of Indian textiles and embroideries.
14	Nutrition for the Family <b>HS/IV/CC/23</b>	In this paper, specific nutritional needs for different categories of individuals are taught, taking into considerations, the food habits and factors determining their requirements.	The student will be able to plan a balanced diet suitable for different age group such as infancy, pre school and school going age, adolescence and old age. They will also be able to take care of special needs such as during pregnancy and lactation.
15	Family and Child Welfare <b>HS/V/CC/25</b>	The Course aims to explain the various challenges face by women and children in the society.To be aware of the present status of women, children and family in India.	The student will get acquainted with the various services and programmes for women and children provided by the Government. Gain knowledge of legal rights, Policies related to the lives of women and children and provision created for the family
16	Early Childhood Education <b>HS/V/CC/27</b>	This course aims to develop an understanding of the importance of early childhood years and the significance of	Students will gain an understanding of the aims and objectives of early childhood education as well as the

		early childhood education during this critical period.	importance of early childhood years. They will become aware of the importance of play, creativity and language development during the pre-school years and become acquainted with the dimensions of child rearing practices. Students will also acquire the knowledge and skills required to work with pre-school children and to manage and organise pre-school centres.
17	Garment Design <b>HS/V/CC/29</b>	To study the importance of clothing, selection of suitable clothing for different age group. Elements and principles of design, fashion basics, different sewing crafts.	The students will know the sociological and psychological aspects of clothing. They will know the selections of suitable clothing for different age groups, terminology of fashion, fashion cycle and principles of fashion. The different sewing crafts- couching, openwork, cut work, patchwork etc,
18	Dietetics <b>HS/V/CC/31(a)</b>	This deals with dietary requirement during sickness in which certain modifications from the normal diet is necessary.	The learner will be able to plan a modified diet for different illness such as fever, gastrointestinal diseases such as diarrhoea, constipation and peptic ulcer, cardiovascular diseases like hypertension, coronary heart disease, atherosclerosis, liver diseases like viral hepatitis that manifest as jaundice, cirrhosis of liver and hepatic coma, obesity and underweight, kidney diseases like glomerulo nephritis, neprotic syndromes, kidney failure and kidney stones, diabetes and deficiency diseases such as anaemia.

19	Child Psychology <b>HS/VI/CC/33</b>	The course aims to explain the nature and foundation of principles and theories of psychology on child development	The Students will get insights into nature of personal social and cultural experience as well as distinctive characteristics of children.
20	Human Development ( A & A) - <b>HS/VI/CC/35</b>	The course aims to develop an awareness of the basic principles and processes of human development and guidance for optimal development and adjustment during adolescence and adulthood	It acquaints the students to understand the issues faced and adjustments required during adolescence and adulthood.
21	Housing & Interior Space Management - <b>HS/VI/CC/37</b>	The course focuses on the development of efficient and cost -effective rooms and floor plans that meet the needs of residential members . The elements and principles of design as found in the housing industry ,drafting of floor plans and interior design /decorating are the primary areas to be covered,	The student will be able to *define,identify or illustrate the elements of design. * implement decisions about housing and furnishings *develop skills that will enable them to plan or assist in the planning of their own living space area and decor or may provide a foundation for a career in this field
22	Community Development- <b>HS/VI/CC/39a</b>	The course explains CommunityDevelopment processes, rural structures, rural minds their lifestyles and their way of living.	The learner will learn what Community Development is, the structures of Rural society, their psychology, their life styles and their Nutrtrion.