

**Department of Extension Education and Communication Management  
College of Community Science, ANDUAT**

**Name of Course: Extension and Rural Development**

**Course Code : HECM 111**

**Name of Course Instructor : Dr. Raksha**

### **HOME SCIENCE EDUCATION**

Home Science referred to as **domestic science**, home craft or domestic economy and was introduced in some schools and colleges between 1920 to 1940, under the British administration. The Princely State of Baroda was one of the first to introduce home science in secondary school. The history of home science at College & University was made in 1932 at Delhi, in Lady Irwin College. Then in 1938 Madras University accepted home science at the degree level and the well known & pioneering home science colleges in Chennai are the **Queen Mary's College** and the **Women's Christian College**, which appeared in the Indian horizon in 1942.

Home Science education was initially designed and structured around the urban home makers and her family and community. With the advent of Agricultural universities, the focus of Home science was shifted to the rural family with emphasis on intra-family resources, since rural families are composite and integrated units which function as both consumption and production units.

#### **Meaning**

Home Science consists of two words, that is, 'Home' and 'Science'. The word 'home' refers to the place of residence where the family lives. The word science refers to knowledge based on facts, principles and laws. By combining these two words the meaning of Home Science can be derived as 'application of scientific knowledge in a systematic manner towards improving the quality of home and family life'. Hence home science deals with

- Providing education for family living
- Improving the efficiency of effectiveness of human and non-human resources used by families
- Conducting research for providing technologies as per changing needs of families and communities
- Helping the family and community to improve the quality of life.

#### **Definitions**

According to Dr. Ellen H. Richards the freedom of home from the dominance of things and their due subordination to ideals, the utilization to ideas, the utilization of the resources of modern science to improve home life, the simplicity in material surroundings which will free the spirit for

more important and permanent interests of the home and society and achieving the ideal home life for today unhampered, by the traditions of the past.

According to Devedas (1961) Home Science as education for home and community living – its goals are abundant happiness, health and fulfillment of aspirations of the family. Home science integrates the application of knowledge synthesized from different sciences and humanities to improve the human environment, family, nutrition, management of resources, child development and consumer competencies.

According to Adhikary (1973) Home Science is the knowledge which allows for a harmoniously organized family life in order to satisfy under the best possible conditions of physical, social, economic, aesthetic, cultural, emotional and intellectual needs of all members of the family and their relationship with the community.

The International Federation of Home Economics has defined Home Science as the exact and reasoned knowledge of all problems related to the home and dissemination of research concerned with food, clothing, shelter, health and human relationships and management of resources.

## **Need**

Home Science gives knowledge for facing new challenges, to cope with knowledge explosion, technological advancements, new developments and growing needs of individuals for successful living in society. Home Science is one such subject that trains to face with confidence, the challenge of changing times for attaining satisfaction and harmonious living. It plays a key role in physical, physiological, psychological, social and economical development of individual, family and society.

## **Goals**

- Individual security
- Health and wellbeing.
- Social and emotional integrity.

Students of Home Science can apply this knowledge to

- Solve problems in one's own development
- Build happy homes in future
- Prepare for careers outside the home.

## **Philosophy**

The Philosophy of Home Science education is the philosophy of “Home and family”. It is the Philosophy which has helped man to run the institution “Home”, taught him the virtues of affection, courage, sympathy and nobility, developed in him and also love for his family, love for his community, love for his country and love for the entire humanity. It is the philosophy which has brought into existence the best in human thought and work. Through this philosophy “home” has become the most influential and sweetest of all human institutions and organizations in shaping the human beings.

The Philosophy of Home Science aims at

- Utilization of modern science to improve home living.
- Study of humanities to improve family life.
- Research to increase information on the facts of life.
- Use of all resources to make home and family life effective parts of the social .
- Making natural and social forces useful towards releasing time and energy to make life more beautiful, gracious and worthwhile.

## **Broad Objectives**

Home Science is a discipline of study that focuses on the management of human and non-human resources for vertical and horizontal betterment of the society i.e., individuals, families, homes and communities.

### **Objectives**

1. To strengthen skills and potentials of students through scientific principles, knowledge and experience acquired for optimum living.
2. To foster development of students towards innovative research to augment the quality of life of family, community and industry in the challenging life scenario.
3. To enable development of entrepreneurial skills at various levels.
4. To instill appreciation for rural life, its problems and channel relevant mechanisms for progress.

To achieve these objectives, Home Science education has academics to professionalize the students in life science, research to formulate technologies so as to address the needs and extension to strategically transfer the technologies on its agenda.

## **Transition in Home Science Education**

Home Science Education was initially designed and structured around the urban home makers and her family and community. With the advent of Agricultural Universities, the focus of Home Science was shifted to the rural family with emphasis on intra-family resources, since rural families are composite and integrated units which function as both consumption and production units. The curricula was thus formulated in this dimension and appropriately implemented.

The decade 1990-2000 witnessed application oriented education, to transform the role of students from job seekers to job providers, keeping in view the fast changing demands of the community. This decade laid a foundation for many educational reforms like Rural Home Science Work Experience Programme (RHWEP) in villages, skill and entrepreneurial oriented teaching, four year duration for UG Programme, computer aided learning and internship in respective reputed institutions for hands-on training and the faculty experienced and projected a Mission – Oriented zeal and commitment to work.

The academic programme is further strengthened by introducing Experiential Learning, which is oriented towards marketing skills and resource generation, framing Home Science as a leading professional Hons. degree.

The vocational electives being offered by 5 departments of Home Science as per 4th Dean's recommendation (2004) include the following.

| <b>Major field</b>                                      | <b>Professional elective</b>                                                  |
|---------------------------------------------------------|-------------------------------------------------------------------------------|
| TAD: Textiles and Designing                             | Apparel production management                                                 |
| EECM: Extension Education and Communication Management  | Information Technology & Communication Management                             |
| FN: Foods and Nutrition                                 | Nutrition and Dietetics                                                       |
| HDFS: Human Development and Family Studies              | Organization and Management of Early Child Care Development (ECCD) Programmes |
| FRMCS: Family Resource Management and Consumer Sciences | Interior & Exterior Space Design                                              |

**The objectives of each discipline are given below.**

**Extension and Communication Management:**

**Objectives**

- To develop an appreciation among students for community by exposing them to rural and urban scenario.
- To equip students with adequate knowledge on processes, policies and programmes for empowerment of rural community, especially women.
- To provide hands-on training on information collection and processing using various media management techniques.
- To mould the students as communication professional through experiential learning, thereby providing career opportunity in various fields of Information Technology and Communication.

**Foods and Nutrition:**

**Objectives**

1. To develop an ability to plan well balanced diet for individuals at different income levels.
2. To develop an ability in using the correct methods in cooking.
3. To develop an ability to apply scientific principles for the solutions of problems in cookery.
4. Identification of malnutrition and therapeutic diet, principles and preservation of different foods.
5. Management of food services.

**Resource Management and Consumer Sciences:**

**Objectives**

- To improve the managerial abilities of students in their daily living.
- To foster aesthetic value among the students.
- To impart skill oriented knowledge and training for professionalism.
- To develop entrepreneurship ability in students through practical experience.
- To impart professional competence to become interior designers.

## **Human Development and Family Studies:**

### **Objectives**

1. To develop an ability to recognize individual difference in children and to respect them.
2. To increase knowledge of the developmental tasks, needs and interest of children of various age groups i.e. child's overall growth and development.
3. To develop an understanding of the inter-relationship between the physical and psychological aspect of human behavior.
4. To develop an awareness of the problems of adolescence.
5. Marriage and family life education.

## **Apparel and Textiles:**

### **Objectives**

1. To help to become self-supporting and self-reliant consumers of clothing.
2. To develop an ability to make garments for the family.
3. To develop an ability to apply scientific principles to selection and use of fabrics.
4. To know traditional textiles and embroidery and their application.