

CHAPTER - XVII

UNIT	HOME SCIENCE EDUCATION AND ITS APPLICATION
V	

17. INTRODUCTION

You have already studied about Home-Science and its different branches. After studying all these, you must have some ideas about this subject. You must understand that Home-Science not only helps in leading a better family life but also presents itself as a potential source of numerous career opportunities, through which, every woman becomes independent and can lead a happy family life. After reading this chapter you will be able to know the following -

- Application of knowledge of Home-Science in everyday life.
- Use of the skills of Home-Science for increasing family income.
- Different jobs and vocations related to Home-Science.
- Inclusion of Home-Science as a subject in different schools, colleges, educational institutions and offering Home-Science as certificate and diploma courses etc.

17.1 KNOWLEDGE OF HOME SCIENCE AND ITS EFFECTS IN EVERYDAY LIFE :

Home-Science provides basic knowledge in different aspects. The student can acquire knowledge which is needed for her day to day life, such as food, clothing, shelter, house keeping, health and nutrition, child birth, use of family resources etc. to a great extent. It provides basic information required to make rational decision at home and outside. Home-Science education equips the student for caring for home, family and for pursuing a career. Today to become a competent house-wife, a wide range of skills are needed. Home Science enables one to acquire these skills, which are needed for our day-to-day life.

17.2 APPLICATION OF SKILLS LEARNT IN HOME-SCIENCE FOR SUPPLEMENTING FAMILY INCOME-NEEDS AND WAYS :

In today's world, only one earning member cannot satisfy the needs of his/her family. Due to the use of different scientific household gadgets, housewives of today gets enough leisure hours at home and the soaring prices of the essential commodities compel them to do

any job. You must have learnt about the importance of additional income in a family. Some of the ways of supplementing family income through skills learnt in Home-Science have been given below.

(a) Prepare and Sell of food items :

Home-Science education teaches various methods of food preparation. Moreover, it also teaches how to bake cake, biscuit, bread etc. through its baking courses. One can prepare these food items, can sell and earn money. We can even demonstrate the preparation of different food item, baking, food preservation to our neighbourhood and can earn money. In marriage or any other occasions, one can supply cooked food items and thus can increase their income.

(b) Child Care : This subject gives us enough knowledge about the needs and care of small children and by applying these knowledge in practical field, we can add to our family income. For example - after getting proper knowledge about 'Home Science and acquiring its skills, one can take care of the young children of the neighbourhood. One can even engaged themselves in creche, pre-school etc and earn money.

(c) Students of Home Science can increase their family income by the application of skills in certain areas like flower arrangement, Home decoration/interior decoration, floor decoration etc.

Now-a-days, it becomes very essential for everyone to decorate their houses with flowers, floors with rangoli, alpana during any festivals, marriages etc. All these requires special skills, which is taught in home-Science education. We can conduct special classes of these with a willing group of women neighbours and can supplement family income.

(d) The skills of stitching clothes, dying and printing can be used in supplementing family income. Apart from dresses, other household articles like - curtain, cushion cover, pillow cover, table cloth, mats etc. can be stitched at home, thereby reducing the expenditure on stitching these items for the family. These items can be sold and can supplement family income. Some items such as bed cover, table mats, dupattas, saree, mekhala chadar, cushion cover handkerchief, dress material etc. can be dyed and print at home and can be sold and thus helps to increase the family income. Likewise, knitted articles like woollen sweater, scarf etc. can be prepared and can be sold.

Thus it is seen that one can apply all these skills of home-science to create beautiful utility and decorative items to supplement family income.

17.3 SELF EMPLOYMENT THROUGH SKILLS LEARNT IN HOME SCIENCE :

'Home-Science' is an applied course

which enriches the student with varied knowledge to become self employed. As a result, their standard of living improved. If Home-Science education is considered to be a means of supplementing family income, then it will be an underestimation of the worth of the subject. Because the skill, knowledge etc. learnt here can make the student successful entrepreneur. That means after getting home-science education, a student can establish herself as self employed person in the society. For example - a home-science student can prepare different food items at home and can sell them. They can own a bakery, restaurant, hotel etc. With the help of food preservation technique, they can preserve fruits, prepare jam, jelly, fruit juices, pickles etc. at home and can sell them. Can you name a few small scale industries of Assam ? Have you heard about "Bhogali jalpan", "Repose food product" etc.? There are many more such industries, which prepare and sell food items. The knowledge of child care can become a full time profession for an individual in creche, day care centre and in pre-school. One can become self employed by running a creche, day care centre and preparatory school. Interior designing, fashion designing are some other areas related to home-science which provides self employed opportunities to its students. Thus, after studying home-science, there

is a lot of potential for self employment ventures for the students.

17.4 HOME-SCIENCE RELATED CAREERS/VOCATIONS

In first year, you have studied about different jobs and vocations related to home-science. You too understand that home-science offers varied opportunities for career today. These careers vocations are exciting, relevant and much in demand of present day. Different vocations and careers related to home-science are given below.

1. Food preservation
2. Baking
3. Catering
4. Director or Dictician of Health club
Hospitals
5. Fashion designer
6. Hotel Management
7. House keeping
8. Interior Decoration
9. Textile Designer
10. Entrepreneur Development
11. Teaching, research, training
12. Mass Communication
13. Child Care
14. Journalism
15. Public Relation officer
16. Social Worker
17. Extension Programmer/Worker
18. Financial Planner
19. Nutrition Specialist in Nutritian
Rehabilitation Centre (NRC)
20. Health Sectors.
21. Administration.

17.5. HOME SCIENCE AS A SUBJECT IN DIFFERENT SCHOOLS, COLLEGES AND INSTITUTIONS.

'Home-Science' as a subject has been introduced in Assam along with India. In Assam, most of the Schools and Colleges have included this subject in their curriculum, especially in high and higher Secondary level, this subject has been introduced and tries to give an idea about different aspect of home-science. The students can learn properly, as this subject has practical class in both the level.

In College level also, home-science has been introduced as a subject. But there are some colleges offering degrees only in home-Science. In some College, this subject has included in both Arts and Science stream. In Assam, the College of Home-science under Assam Agricultural University located at Jorhat, offer Bachelor's and Master's degrees in home-science. Only a few colleges of Assam offer Major courses in home-science.

In India, almost all Universities offer Master's degree in home-science studies. Master's degrees are generally offered in areas like - Food and Nutrition, Human Development, Family Resource Management, Clothing and Textile, and Extension Education. Minimum qualification required to get admitted in

B.Sc and M.Sc courses are Class XII and graduation respectively. Thus, after getting M.Sc degree in home-science in any areas mentioned above, a student is eligible for serving as lecturer or assistant professor in any College or University. Along with that, all students are required to qualify 'National Eligibility Test' (NET) conducted by University Grants Commission (UGC). Recently, the Govt. of Assam has introduced home-science as a subject in the curriculum of Assam Public Service Commission.

17.6. INSTITUTES PROVIDING CERTIFICATE AND DIPLOMA COURSES

Different Government and non-governmental institute's offering Certificate and Diploma Courses related to home science. These institutes are - Institute of Hotel Management, Food Craft Institute, Institute of Fashion Designing, Textile Designing, CEC, NIFT etc. Now-a-days, some colleges also offering Diploma and Certificate courses on home science. These Courses are - Certificate in Food and Nutrition, Food Service management and Dietetics certificate and Diploma in Dietician Course, Diploma in Creche management, Certificate and Diploma in Textile Designing/ Fashion Designing/ baking and confectionery, child care etc. The duration of these courses may be for three month, six months, one year, two years etc.

Industrial Training Institute (ITI) :

These institute provide vocational training to youth in subjects related to home-science. They become self-reliant and can start their own business, after getting the training. These Industrial Training Institutes are run by the Government or by state run agencies. Various Certificate and Diploma Courses offered by these institute are - tailoring, embroidery, dress designing, beautician Course, food preservation, baking, dyeing and printing, interior decoration, weaving etc. The government/states even pay the rural students to study such courses under the TRYSEM (Training of Rural Youth for Self Employment) Scheme.

Institutes Providing Distance Education : Those students who cannot pursue their studies on regular basis in different Courses (Certificate/degree/diploma) in home science on regular basis

due to some reasons, some institution offered such Course through distance education. Duration of these Courses may be from 1 year to 3 years. The rules and regulations for different courses are different. For example - for pursuing a certificate course in food and nutrition, the candidate must pass Class X. Whereas, for pursuing a degree course, one has to pass the higher secondary level. In Assam, National Open School (NOS), State Open School (SOS) have included home-Science subject upto Class XI. On the other hand, Indira Gandhi National Open University (IGNOU) is offering home science and other home-science related subject upto M.Sc level. IGNOU also provide diploma courses in home science. In Assam, another open university "Krishna Kanta Handique Open University" is also planning to start various certificate/diploma courses in home science.

SUMMARY

- Home-Science is a Subject, through which the girl Students acquire knowledge needed for their family life and can make them self employed.
- Skills learnt in home science can be used for supplementing family income.
- These skills are helpful for self employment.
- Home-Science offers different vocations and career opportunities.
- Various Schools, Colleges, Universities, ITI's, other institutions offer courses on home-science and certificate and diploma courses on other home science related courses.
- Some institutions provide degree, diploma courses related to home-science through distance education.