

GOVERNMENT POST GRADUATE COLLEGE JOSHIMATH
DEPARTMENT OF HOME SCIENCE

COURSE OUTCOME (CO)

Home Science has contributed a great deal towards national development by training students to take up leadership roles in extension and community outreach programs. The students are encouraged to develop a scientific temper. Familiarizing them with the use of newer technologies, methods in family and community linkages and sustainable use of resources for human development are the hallmark of education in Home Science. As a discipline, Home Science integrates the ingredients of the sciences, social sciences and technology to facilitate the study of and enhance the quality of human life. Its approach is therefore inherently interdisciplinary. Traditionally, Home Science has adopted an ecological approach in its curriculum that engages the student through teaching, research and extension. The education process in Home Science underscores the importance of the individual's dynamic relationship with his/her family, community and society as a whole, as well as with the resources in the environment. Higher education learning in Home Science subjects provides students the opportunity to sharpen their capacities with a sense of social responsibility.

Food and Nutrition:

Every day, several times a day, we make food choices that influence our body's health. These choices may benefit or harm our health and over a long period the results become important. A proper diet is essential from the very early stages of life for proper growth, development and to remain active. Food consumption, which largely depends on production and distribution, determines the

health and nutritional status of the population. Course Learning Outcome of Food and Nutrition will be as following:

1. Students will gain knowledge about basic concepts in Food and Nutrition detailed information on basic terms used in food and nutrition, relationship between food, nutrition, health and disease, the Physiological, social and psychological functions of food.
2. Students will acquire basic knowledge of various nutrients and their functions, dietary sources and clinical manifestations of deficiency/ excess of the Carbohydrates, Proteins, Lipids, Water Soluble Vitamins, Fat Soluble Vitamins, Major and Trace Minerals.
3. Students will be able to gather detailed information on the selection, nutritional contribution and changes during cooking of the commonly consumed foods.
4. Students will be acquainted with various methods of preparing food and concept of nutrient losses during preparation of food.

Human Development:

The students will be able to develop an understanding about the discipline of lifespan development.

1. To acquire a detailed understanding of developmental milestones and domains from conception to death.
2. To gain insight on context specific cultural practices of development in children and explore the role of family and community in the life of children.
3. Students will understand salient features of child development by using primary and secondary methods of data collection.

4. The students will gain insight about the depiction of children through the use of secondary sources.

Housing & Interior Decoration:

Housing and Interior Decoration focuses on the development of efficient and cost-effective room and floor plans that meet the needs of residential and/or commercial clients. The elements and principles of design as found in the housing industry, drafting of floor plans, and interior design/decoration are the primary areas to be covered. Students will 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.

The Learner will be able to:

1. Identify and illustrate the elements of design (line, form, texture and color) as found in the housing industry.
2. Evaluate issues related to living environments of individuals and families.
3. Determine the psychological impact of the principles and elements of design.
4. Determine the effects of the principles and elements of design have on aesthetics.

Introduction to Textiles:

The course aims to impart:

1. The knowledge of textiles fibres and yarns in terms of their production, properties and application.

2. To equip the students with an in-depth information regarding the various fabric construction.
3. To provide comprehensive knowledge about the concepts of dyeing, printing and finishing of textiles.

The learner will be able to:

1. Describe textile fibres in terms of their production and properties.
2. Understand various production techniques and properties of yarns.
3. Develop understanding about fabrics, production techniques, properties and uses.
4. Understand the basic dyeing, printing and finishing techniques.

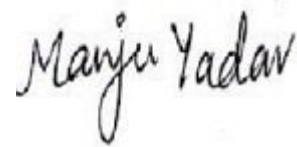
PROGRAMME OUTCOME (PO)

Home Scientists promote capacity building of individuals and communities for social and economic empowerment. They train community women and youth from various strata of society for entrepreneurship. Many Home Scientists have done exceptionally well as entrepreneurs themselves. They do not remain job seekers but have also become job creators. They gain and provide employment in research organizations, food and textile industries, dietetic practice, education and child development domains, accreditation of green buildings, strategic planning and communication technologies.

SPECIFIC PROGRAMME OUTCOME (SPO)

Home Science offers the students to gain the requisite knowledge, skills and aptitude in all the areas of Home Science. Home Science has adopted an ecological approach in its curriculum that engages the student through teaching, research and

extension. They gain and provide employment in research organizations, food and textile industries, dietetic practice, education and child development domains, accreditation of green buildings, strategic planning and communication technologies. They are prepared to take higher education in their specialization.

A handwritten signature in black ink that reads "Manju Yadav". The signature is written in a cursive style with a large initial 'M' and 'Y'.

Dr. Manju Yadav
Assistant Professor
Department of Home science
Government PG College,
Joshimath