

Home Science

Learning outcomes of the syllabus

B.A. (Home Science) and B.Sc. (Home Science)

Paper: Food and nutrition

1. Understand the concept of food and nutrition.
2. Understand the effect of cooking on food.
3. To create awareness about food preservation, meal planning and nutritional requirement.
4. To understand various process involve within the body.
5. Role of food for health, growth & therapeutic modifications related with diseased conditions.

Paper: Human development

1. Developing awareness of important aspects of development during the life span of an individual.
2. Become acquainted with developmental stages from birth to old age.
3. Perceive importance of family and the community in the development of children with special needs.
4. Child Psychology, Principles & schemes related with Preschool & school children (Kindergarten Montessori ICDS).

Paper: Clothing and textile

1. Gain knowledge on the characteristics of fabrics and their use.
2. Understand the methods of maintaining different fabrics, their finishing and storage.
3. Learn the basic stitching skills and acquiring knowledge about embroidery.
4. Know the basics of tailoring drafting and designing.
5. Principles of purchasing & equipments related with Textile & clothing.

Paper: Resource management

1. To understand the fundamentals of resource management in a changing scenario.
2. To inculcate skills in identifying creating selecting and using of available resources judiciously with emphasis on maximization and conservation.
3. To understand the scientific of the process of management in the judicious use of resources.
4. Household equipments work simplification, health relations with housing.

Paper: Extension and communication

1. To understand the concept of communication and extension and its relevance for self and national development.
2. To appreciate the role of home science extension in community development.
3. To sensitize students towards identifying methods and prepare suitable material for effective communication.
4. How can make good relations and uses of govt. plans & schemes

M.Sc (Home Science) Food and Nutrition

Learning outcomes of the syllabus

Paper: Applied Physiology

1. To understand the integrated functions of all systems in the science of physiology.
2. To understand the structure and functions in various organs and systems in relation to the diseased conditions.
3. To understand the advance issues to the relevant topics of human physiology.
4. New technologies, equipments & medicine
5. Role of Yoga etc.

Paper: Advanced Nutritional Biochemistry

1. Understand the mechanism adopted by the human body for regulation of metabolic pathways.
2. Get on insight into interrelationship between various metabolic pathways.
3. Become proficient for specialization in nutrition.
4. Understand integration of cellular level metabolic events to nutrition disorder and imbalance.

Paper: Public Nutrition

1. Develop a holistic knowledge base and understanding of public nutrition concept.
2. Understand the health economic food situation and determinations of nutritional status.
3. Be familiar with approaches to nutrition and health intervention programs and policies.
4. Epidemiological situation & management (health nutritional problem)

Paper: Research Methods and statistics

1. To understand the significance of statistics and research methodology in home science research
2. To understand the types, tools, methods of research and develop the ability to construct data gathering instrument appropriate to the research design.
3. To understand and apply the appropriate statistical technique for the measurement and design.

Paper: Advance in food microbiology

1. To gain deeper knowledge of micro organisms in human environment and to understand the importance of micro organisms in food technology.
2. Bakery industries products, fermented & non fermented food additives.
3. To understand legal aspects in these areas.
4. To develop skills in handling food safety.
5. To know the food borne diseases and how to prevent it.

Paper: Nutrition and health Problems

1. Understand the nature of important nutrition problems and their prevention and control.
2. Study and understand the epidemiology of communicable diseases and nutrition related problems prevalent among the affluent and the less privileged groups.
3. Study the biochemical and clinical manifestations ,preventive and therapeutic measure of common nutrition and health problems