

MA./ M.Sc. I Sem.  
Home Science (FOOD & NUTRITION)

**Paper-I: Applied Physiology**

**COURSE OUTCOME-**

1. Understanding the functioning of human Biological systems.
2. knowledge of interrelationship between different organs with each other.
3. Deep understanding about organ specific diseases and their causing elements.

**Paper II: Advanced Nutrition**

**COURSE OUTCOME**

1. The student will be able to apply energy expenditure measurements of individuals and groups.
2. Understanding of Basic concepts of metabolism.
- 3 Understanding the role of basic nutrients in human health
4. Remembering the nutrients & their specific roles.

**Paper III: Food Science & Experimental cookery.**

**COURSE OUTCOME-**

1. Understanding of the chemistry underlying the properties of various food components.
2. Applying principles from the different facets of Food science and related disciplines to solve real world problems.
3. Creating recipes or formulations for specific nutritional purposes.

Paper : Research methods 4 statistics.

**Paper IV: Research Methods and Statistics.**

**COURSE OUTCOME-**

1. Understanding of daily life issues and to study it thoroughly by research methodology.
2. Applying statistical methods to ease daily life.
3. Evaluation of capacity as a better consumer.

## **MA./ M.Sc. II Sem.**

### **Home Science (FOOD & NUTRITION)**

#### **Paper-I: Advances in Food Microbiology**

##### **COURSE OUTCOME**

1. Understanding of spoilage and deterioration of food.
2. Applying beneficial microorganisms in food.
3. Remembering Gov rules & regulations regarding sale and manufacture of food products.
- 4 Analysis to eradicate and prevent food borne diseases.

#### **Paper-II: Advanced Nutritional Biochemistry.**

##### **COURSE OUTCOME**

1. Understand the importance of cycles of biomolecules.
2. Applying the knowledge of the role of hormones & their actions in the metabolic process of human beings.
3. Analysing the importance of genetics in human nutrition.

#### **Paper III : Public Nutrition**

##### **COURSE OUTCOME**

1. Understanding the relationship between health and public nutrition.
2. Remembering National Policies & Plans related to health & nutrition.
3. Applying the knowledge of public nutrition to improve community health status.

#### **Paper IV Statistics and Computer Application**

##### **COURSE OUTCOME**

1. Application of computer knowledge in daily life.
2. To develop skill for using the statistical techniques with computers.

## **MA./ M.Sc. III Sem.**

### **Home Science (FOOD & NUTRITION)**

#### **Paper-I: Assessment of Nutritional Status.**

##### **COURSE OUTCOME**

- 1.Understanding of assessment tools & techniques.
2. Can apply assessment tools and techniques to become a dietitian or nutritionist.
- 3.Evaluation of nutrition status.

#### **Paper II : Maternal and Child Nutrition.**

##### **COURSE OUTCOME**

- 1 Applying the understanding of maternal and child nutrition to improve the health of pregnant and lactating mothers of the community.
2. Can apply the knowledge of family planning to check population growth.
3. Evaluation of child and maternal malnutrition.

#### **Paper III Geriatric Nutrition**

##### **COURSE OUTCOME**

- 1.Understanding of human aging and the interrelationship with nutrition.
2. Students can analyze human aging associated diseases
3. Applying of geriatric nutrition to prevent and manage social, psychological, physical, mental and nutritional aspects of elderly.

#### **Paper-IV: Problems in Human Nutrition**

##### **COURSE OUTCOME**

- 1.Students are able to understand the role of nutrition and healthy eating for disease prevention and wellbeing.
- 2.Students get evaluation ability to become nutritional professionals.
3. Can create a holistic living programme. C

## **MA./ M.Sc. IV Sem.**

### **Home Science (FOOD & NUTRITION)**

#### **Paper I: Clinical & Therapeutic Nutrition**

##### **COURSE OUTCOME**

1. Applying the knowledge to demonstrate, counsel becomes easy.
2. Can analyze the nutritional status by applying nutritional screening and authentic lab tools and techniques.
3. Can become nutritional professionals with evaluation and creative skills.

#### **Paper-II: Nutrition for Health & Fitness**

##### **COURSE OUTCOME**

1. Understanding of nutritional & dietary guidelines to attain health & fitness.
2. The student is able to develop the ability to evaluate fitness & wellbeing.
3. The students understand about the physical and mental fitness in the field of sports and athletics

#### **Paper-III: Improving Health & Nutrition: IEC Approaches**

##### **COURSE OUTCOME**

1. Understanding extension & communication techniques.
2. Can successfully create and evaluate nutrition related programmes in rural & urban areas.
3. Can apply their knowledge to work efficiently in governmental and non governmental sectors.

#### **Paper-IV: Paper Project work.**

##### **COURSE OUTCOME**

1. Students shall be able to develop new thoughts and new visions.
2. Students shall develop a scientific approach towards research writing.
3. Students shall be able to develop their creative faculties.
4. Students are able to understand society better during conducting surveys.
5. Students get an understanding of proper research methodology.