**B.A. (Home Science)**

**1st Semester-**

**Anatomy Physiology & Hygiene**- To provide knowledge regarding anatomy and physiology of human body and maintaining personal hygiene

**2nd Semester-**

**Extension Education**- To provide knowledge regarding extension of Home Science in community, basic essentiality of extension workers

**3rd Semester-**

**Textile & Fiber Science**- To provide knowledge regarding Textile and chemistry of various fibers

**4th Semester-**

**Family Resource Management**- To provide knowledge regarding recourses for family, recourses for family and their utility

**5th Semester-**

**Human Development**- To provide knowledge regarding human and various stages of development

**6th Semester-**

**Food & Nutrition**- To provide knowledge regarding foods and nutrients in them . The use of nutrients for human health.

**B.Sc. Home Science**

**Programme Outcome**

 To equipped students for possible entrepreneurial ventures in various areas for foods and nutrition

* To acquaints Girls with Meal Planning for low and high economic group, for every disease, for every age group.
* To develop capacity for good communicative skills, child counseling and pre- school and school teaching, child rearing practices
* To acquaints with proper notion regarding choice of fabrics ,to develop skills for clothing construction
* Become aware of the need ,competencies and skills to be developed for Empowerment and be motivated for self improvement from the perspectives of personal and national development
* Become aware of the inter-disciplinary of home science education and its potential for personal and professional enhancement.
* Develop an ability to improve the nutritional quality of food.
* Become aware of the interventive and preventive family measures

**Course Outcome**

 **1st SEMESTER**

**Paper I - Community nutrition & applied life sciences**-

* To understand the physiology of human body,

**Paper II - Introduction to HD and family dynamics**-

* Become aware of their interaventive and preventive family welfare measures. Understand the dynamics of the families in distress and crises

**Paper III Introduction to textile and clothing**-

* To acquaints with proper notion regarding choice of fabrics ,to develop skills for clothing construction

**2ND SEMESTER**

**Paper I Fundamentals of food and development**

* To understand the importance of adequate diet and importance of meal planning

**Paper II Life span development, methods and materials for young children**

* To understand the issues faced and adjustments required at each stage across the life span . To understand the significance of various creative activities and teachers role in implementing them.

**Paper III Textile And Laundry Science**

* Have hand on training in dress making and textile designing and acquire better enterprise management skills, teach them the differences in laundering processes used for different fabrics

**3RD SEMESTER**

**Paper I Food preservation**-

* Understand the nature of microorganism involve in food spoilage, food infections and intoxication. Understand the importance of microorganism in food biotechnology.

**Paper II Family Resource Management**

* To gain knowledge and principles of planning, various types of residential space and able to choose furnishing materials; develop the skill of drawing house plans and creating designs for furnishing items.

**Paper III Community Development**

* Perspective and approaches, socioeconomic analysis of communities- To study the ideology of organizing people in development, appreciate collective actions for weaker section for their own development.

 **4TH SEMESTER**

**Paper I Extension Education**

* Organize adult education and non formal education programmes for children and women; understand the national efforts towards the urban and rural development.

**Paper II Foundation of Art and Design**

* Develop an understanding to the application of art principles in design composition of traditional and contemporary art , architecture , textile sad n interior designs. Develop skill in creating designs and making art objects.

**Paper III Personal Empowerment and Computer Basics**-

* Know the basics of computer. To be able to use computers for educational information and research.

 **5th SEMESTER**

**Paper I Nutritional Biochemistry**

* To obtain an insight into the chemistry of major nutrients and physiologically important compounds. Understand the biological processes and systems as applicable to human nutrition.

**Paper II Early Childhood Acre and Education**-

* To provide practical experiences of working with children which will enable students to develop necessary skill to work effectively with preschooler in various settings?

**Paper III Consumer Economics**

* To become aware of the consumers problems in the market and to realize the importance of the effective role of consumer in the market.

**6TH SEMESTER**

**Paper I Nutritional Management In Health And Diseases**

* To gain knowledge about dietary management in common ailments , know the factors affecting the nutrient need during the life cycle and the RDA for various age groups .

**Paper II Apparel Making And Fashion Designing**

* Familiarize with the essentials of apparel making. To enable the students to produce fashion sketches of the garments in an appealing manner with all the detail.

**Paper III Communication Process In Development**

* To understand the process of communication in development work and develop skills in use of media and methods

**Paper IV Sill Development related Courses Baking**

* To provide knowledge regarding baking process and various baked products.

**HONOURS PAPERS**

**3RD SEMESTER**- **HEPATONUTRITION –**

* To gain complete knowledge regarding anatomy and physiology of Liver, Nutrition for Liver, various Hepatic diseases and their treatments, biochemical estimations related to hepatic diseases.

**4th SEMESTER CARDIONUTRITION –**

* To gain complete knowledge regarding anatomy and physiology of heart, cardiac cycle, nutrition for heart, ECG, various cardiac diseases and their treatments.

**5th SEMESTER RENONUTRITION –**

* To gain knowledge regarding kidney, anatomy and physiology, renal activities, treatments for various renal diseases. Dialysis and renal replacements, renal cancer.

**6th SEMESTER DIABETONUTRITION –**

* Knowledge regarding various types of Diabetes, etiopathology, treatments dietetic treatments**.**

**Course Outcome**

Note: Environmental Studies, English Language and Hindi Language are compulsory for all the students. In the Sixth Semester candidate has to opt any one subject of Skill Based courses.

 **(Environmental Studies)**

**Course Outcome**

**UG – I Semester**

* To acquire awareness of the environment as a whole and its related problems.
* To know ecology and environment of India and world.
* Effect of pollution on environment.
* Conservation of Flora and Fauna.

 **(English Language)**

**Course Outcome**

**UG – II & III Semesters**

* Proficiency in reading and writing.
* To develop effective skills better social interaction and incalculable self directed learning.
* Analyze language at different language levels.
* Teach them the zeal of creativity by teaching them how to write.

 **(Hindi Language)**

**Course Outcome**

**UG – IV & V Semesters**

* fgUnh Hkk’kk vkSj fyfi dk KkuA
* **O**;ogkfjd rkSj ij fgUnh dk iz;ksx o lS)kafrd le> fodflr djukA
* rduhdh “kCnkoyh ,oa vuqoknA
* dEI;wVj esa fgUnh ds vuqiz;ksxA
* fgUnh Hkk’kk vkSj mlds fofo/k #iks+ ¼ ltZukRed Hkk’kk] lapkj Hkk’kk] dk;kZy;hu Hkk’kk] foRr] of.kT; dh Hkk’kk vkfn½ dk ifjp;A
* lekpkj ys[ku ls ifjp;A
* fgUnh Hkk’kk] dkS”ky fodkl ds varxZr vuqokn dh le> jkstxkj ds volj iznku djukA

 **(Skill Development Courses)**

**Course Outcome**

**UG – VI Semester**

* Objective of Skill Development Courses is to create opportunity and scope for the development of basic livelihood skills in the students.
* To acquire basic skills in the field of interest, there are six Skill Based Courses run by the college; namely-

Translation Proficiency

Basics of Writing Skill in English

Tally & e-Commerce

Baking

Fundamentals of Computers

Speaking and Writing Urdu Language.

**M.Sc. Foods & Nutrition**

**Programme Outcome**

The programme is essentially focused on professional development of graduates to become expert in the area of Nutrition –personalized and community based . It has been planned to incorporate career development in the area of Nutrition. On the whole the programme planned are enriched with cognitive effective and practical components with adequate work experience relevant ot the area of experience. The curriculum focus at P.G.level is to foster a firm theoretical background with amalgamation of practical skills and development of research related so that the graduates students are capable of critical and analytical thinking, sensitive to health issues and concerns ….

**M.Sc. Foods & Nutrition**

**Course Outcome**

**1st SEMESTER-**

**Paper I Applied Human Physiology**-

* Enable the students to understand the integrated function of all systems and the grounding of nutrition science in physiology. Understand the alteration of structure and functions of various organs and systems in disease condition.

**Paper II Food Science**-

* Provide and understanding about composition of various food stuffs. To families students with changes occurring in various food stuffs as a result of processing and cooking

**Paper III Clinical and therapeutic Nutrition**-

* Understand the etiologic, pathologic and metabolic anomalies of acute and chronic disease and patients need .Effect of various diseases on nutritional status, and nutritional and dietary requirements.

**Paper IV Research methods and scientific writing**-

* To apply statistical technique to research data for analyzing and interpreting data meaningfully.

**2ND SEMESTER**

**Paper I Geriatric nutrition and applied life sciences**-

* Nutritional needs of the elderly and dietary management to meet nutritional needs .chronic degenerative decreases and nutrition problem of elderly

**Paper II Food chemistry**

* Enables students to use the theoretical knowledge in various application and food preparations.

**Paper III Problems in human nutrition**-

* Nutritional problems related diseases prevent among the affluent and the less privileged groups with reference to their incidence etiology and public health significance. Biochemical and clinical manifestation, preventive and therapeutic measures of the same

**Paper IV Statistics and computer application**-

* To understand the types, tools and methods of research and develop the ability to construct data gathering, instruments appropriate to research design, to understand and apply the appropriate statistical technique for the measurement scale and design.

**3RD SEMESTER**

**Paper I Advanced Nutritional Biochemistry**-

* Understands the mechanism adopted by human body for regulation of metabolic pathway get an insight in to interrelationship between various metabolic pathway.

**Paper II Principles of Nutrition**-

* Orient the students with all the imp stage of the art methodologies applied in nutritional assessment s and surveillance of nutritional growth. Develop specific skills to apply the most widely used methods

**Institutional Food Administration**-

* To provide practical field lab experience in the subject to equip individual to starts their own service until leaving to entrepreneurships.

**Food microbiology**-

* Gain knowledge of role of microbes in human and environment, understand the important microbes in food spoilage to learn advance technique used to learn food preservation. Latest procedure adopted in various food operations, to prevent food born disorders and legal aspects invaliding these areas.

**4TH SEMESTER**

**Paper I Methods of Biochemical Investigations**-

* To understand the principals of various analytical techniques for research.

**Paper II Advanced Nutrition**

* Provide knowledge about physiological and metabolic role of various nutrients and their interactions with human nutrition. Enable students regarding pharmacological role of nutrients and their implications.

**Paper III Institutional Management**

* Develop critical abilities and provide basic grounding for research technique. To develop knowledge base in key areas in food administration.

**Paper IV Maternal Nutrition**

* Understand the physiological changes in pregnancy and lactation. Get acquaints with growth and developmental changes from conception to adolescence and interrelationship between nutrition and growth during the life cycle.

**M.Sc. Human Development**

**Programme Outcome**

The programme is essentially focused on professional development of graduates to become expert in the area of Human Development –It is focused to develop professional and entrepreneurial skills and in the domains of early childhood care and education, working for persons with special need s, empowerment of families and communities and development programming.

The curriculum focus at P.G.level is to foster a firm theoretical background with amalgamation of practical skills and development of research related so that the graduates students are capable of critical and analytical thinking, sensitive to societal issues and concerns.

**M.Sc. Human Development**

**Course Outcome**

 **SEMESTER I**

**Paper I Early Childhood Care And Education**

* To develop the skills and techniques to plan activities in ECCE Centers of different types , to conduct activities in early childhood care and education and to work effectively with patents and community

**Paper II Advanced Study In Human Development**

* To undertake an advanced study of the stages in Human Development with special focus on youth, adulthood and old age.

**Paper III Psychology in Normal Adaption**

* To understand the various stratigies for coping stress in home and workplace.

**Paper IV Research Methods And Scientific Writing**

* to apply statistical technique to research data for analyzing and interpreting data meaningfully

**SEMESTER II**

**Paper I Development Of Creativity**

* To understand the relevance and scope of studying creativity. To become familiar with psychometric measurement and alternate ways of assessing creativity

**Paper II Methods of studying Human Development** –

* To undertake an advanced study of the stages in Human Development with special focus on stages from prenatal development to adolescence. To study different methods and techniques of understanding Human development. To apply the various methods studied in practical context.

**Paper III Psychopathology**-

* To understand the importance of mental health in different stages of life. To understand the etiopathology of various mental illnesses and their remedy.

**Paper IV Statistics And Computer Applications** –

* To understand the types, tools and methods of research and develop the ability to construct data gathering, instruments appropriate to research design, to understand and apply the appropriate statistical technique for the measurement scale and design.

**SEMESTER**-**III**

**Paper I Communication Technologies**

* To develop understanding regarding the new communication technologies and their use. To develop skills in developing and using different communication technologies for various presentations.

**Paper II History And Theories Of Human Development** –

* To understand the need for theory in Human development. To understand the practical applications of theory.

**Paper III Study Of Family In Society ,Culture And Psychology**-

* To release and appreciate universals and variations in family life pattern across cultures and subcultures. To create awareness regarding structure function needs and strengths of families with specific reference to the Indian family. To be familiar with research trends in the field of culture and families.

**Paper IV Persons And Children With Disabilities And Illnesses**-

* To become aware of various impairments and the manner in which these affects the life of individuals. To identify the physical and social barriers which create difficulties for people with disabilities. To become aware of experiences with persons with disabilities and recognize that having impairment is only one aspect of their lives.

**SEMESTER IV**

**Paper I Management of Programmers For Children And Family , Maternal And Child Nutrition**

* To understand the purpose scope and challenges in the management of programmers for children and families. To offer students opportunities to work in children and families in different settings

**Paper II Current trends and issues in Human development** –

* To understand the importance of innovative /new programmes in the field. To develop an understanding the role of advocacy in promoting issues and concerns related to human development.

**Paper III Mental Health In Development Perspectives**-

* To develop skills for promoting mental health across the life span. To understand the importance of mental health in different stages of life.

**Paper IV Principles In Guidance And Counseling**

* To understand the need for guidance and counseling in Human Development. To introduce basic concepts in Guidance and counseling. To discuss the processes involved in counseling at different stages in life .