

PNG GOVT. PG COLLEGE RAMNAGAR NAINITAL

Department of Home Science

COURSE OUTCOME

B.A. First Year, Semester- 1

Paper-I: Fundamentals of Family Resource Management

After completion of the course, students are able to-

- Understand the meaning, scope and philosophy of Home Management and its significance in family living.
- Understand the motivating factors for management: Values, Goals and Standards along with various steps involved in Management Process including Planning, Controlling and Evaluation.
- Understand the concept of Family Resources and their Classification.
- Understand the objectives and principles of use of resources and their management.
- Understand the concept of Money Management, Sources of income and various types of income: Money, Real income and Psychic Income.
- Prepare a budget in view of family income.
- Understand the meaning of budget and purpose of savings and investments.

Paper II: Housing and Interior Decoration

After completion of the course, students are able to-

- Understand function of house, factors affecting the choice- size, organization, activities of family and its members with their financial positions.
- Understand the factors affecting selection of house site, public convenience and locality, types of soil and physical characteristics of the site.
- Understand the principles of planning a house aspect, prospect, privacy, grouping, roominess, flexibility, sanitation and circulation.
- Construct house plan with the use of principles of house planning for different income groups.
- Understand the elements and principals of art in Interior Decoration.
- Apply principles of art in interior decoration.
- Understand various types and styles of furniture, requirements and practical considerations while choosing furniture and different types of furniture arrangements.
- Understand how to select and use household linen: curtains, draperies, upholstery material and functional as well as decorative accessories.

Course Specific Outcome- After completion of the course, students will be able to understand the fundamental concepts of Family Resource Management, House Planning, Principals of Art and Interior Decoration.

B.A. First Year, Semester-II

Nivedita
06/04/21

Paper-I: Introduction to Textile Science

After completion of the course students are able to-

- Understand terminology of textile fibers, their classification, characteristics, history and their uses.
- Identify natural and manmade synthetic fibers.
- Understand the yarn construction process, types, stages of yarn construction and classification of yarn.
- Understand appropriate selection of clothes, care and storage of clothing.
- Understand concepts of labelling on clothes, their classification and symbols used for labelling.
- Understand general rules for washing, laundering and ironing, soaps, detergents, bleaches, blues, whitening agents as well as principals of dry cleaning, stain removal and hard and soft water.

Paper-II: Fabric Formation and Finishes

After completion of the course, students are able to-

- Understand the methods of fabric formation including basic weaves, woven and non-woven fabric construction and weaving.
- Understand the process of scouring, degumming, and carbonizing to remove impurities from fabrics.
- Understand basic, decorative and functional fabric finishes and their importance in clothing and textiles.
- Understand classification and characteristics of dyes, dyeing process: Plain dyeing, Batik dyeing and Tie-Dye dyeing.
- Understand various printing designing techniques used on finished fabrics: Block printing, Roller printing, Duplex printing, Resist printing, Screen printing and wrap printing.
- Understand the factors influencing color fastness and tests to determine color fastness.

Course Specific Outcome- After completion of the course, students are able to understand the science of Clothing and Textiles, types of fibers, their physical and chemical properties, construction process of yarns from fibers, fabric from yarns and fabric finishes to enhance decorative and functional properties of fabrics.

B.A. Second Year, Semester-III

Paper-I: Fundamentals of Food and Nutrition

After completion of the course, students are able to-

- Understand definitions used in foods and nutrition: Foods Nutrition and Nutrients.
- Understand classification and functions of food, basic food groups and food guide.
- Understand digestive system, phases of nutrients digestion- digestive absorption, metabolism and excretion of waste products.
- Understand the concept of balanced diet and factors affecting balanced diet.
- Understand factors affecting total energy requirements of the body and basal metabolism along with its definition and influencing factors to Basal Metabolic Rate.

Nineh
06/04/21

- Understand classification of nutrients, micro and macro nutrients, their sources, functions, requirements, absorption, metabolism and related diseases.
- Understand the meaning of food poisoning and food adulteration and testing of food adulteration.

Paper II: Food Preservation

After completion of the course, students are able to-

- Understand meaning, objectives, aims and importance of cooking, various methods of cooking and effect of heat on nutrients.
- Understand definition of food preservation, principles of food preservation and their importance.
- Understand preservation by use of heat, cold and chemical preservatives, salt and sugars.
- Understand prepare fruit juices, squashes, jams, jellies, sauces and pickles etc.
- Understand fermentation process, role of microorganisms and benefits of fermentation.

Course Specific Outcome- After completion of the course, students are able to understand the fundamentals of food and nutrition including nutrients, their function, dietary sources, diseases and human physiology, methods of cooking and effect on nutrients and food preservation methods.

BA Second Year, Semester-IV

Paper-I: Mother Craft and Child Care

After completion of the course, students are able to-

- Understand biological and physiological features of women for motherhood, psychological preparation and planned parenthood.
- Understand pregnancy, prenatal care, and importance of mother's health care, nutritive diet, clothing and other requirements.
- Understand various stages of prenatal development from conception to birth: Zygotic, Embryonic and fetal stages.
- Understand meaning of neonatal care, care of newborn, breast feeding, weaning and supplementary feeding, child rearing practices and immunization and treatment of common ailments.
- Understand meaning of infancy, babyhood and infant care.
- Understand patterns of growth and development in babyhood: physical, motor, emotional, language, speech and cognitive development.
- Understand characteristics of a problematic child, common childhood problems: negating, spoiling, jealousy, unsocial behavior, emotional outburst and accidents etc.
- Understand skills in play and significance of play for social development of the child.

Paper-II: Introduction to Clothing Construction

After completion of the course, students are able to-

- Understand sewing equipment and tools required for measurement, drafting, cutting and stitching.
- Understand parts of sewing machine with their use and care.
- Understand selection principles for fabric selection and clothing manufacturing.

Nineh
06/04/21

- Understand construction processes including hard stitches, seam, seam finishing, plackets and disposal of fullness through darts and pleats.
- Understand prepare fabric for layout and cutting.
- Understand types of sleeves, collars, pockets and yokes.
- Understand importance and functions of clothe as well as clothing requirements for infants, toddlers, preschoolers, adolescent and women.

Course Specific Outcome- On completion of the course, students are able to understand meaning of prenatal care, pregnancy, infancy, mother craft and child care, clothing construction for infants, toddlers, preschoolers, adolescents and women.

BA Third Year, Semester V

Paper-I: Human Development

After completion of the course, students are able to-

- Understand development during different stages of life cycle, preschool period, physical growth and motor skills and development.
- Understand language, speech and social development, skills in play, influence of nursery school, home and environment on habits and development.
- Understand physical growth and health, motor, personality, social, emotional, cognitive, language interests and personality development, effect of peers, school and media and role of parent and teacher.
- Understand characteristics of puberty and adolescence, physical, social, emotional, cognitive and personality development, social problems of adolescence.
- Understand developmental characteristics of adulthood, social mobility and social adjustment, role adjustments, adjustments to parent-hood, single-hood, vocational adjustment and adjustment to loss of spouse and adjustment to retirement.
- Understand personal and social adjustments during old age as well as characteristic of old age, vocational and family hazards.

Paper-II: Family Welfare and Community Education

After completion of the course, students are able to-

- Understand child and family welfare, children's right and policies for children.
- Understand demographic profile of children in India and children with special needs: deprived children, abused children and juvenile delinquency.
- Understand functions of various child welfare services working at national and international level; C.S., W.B., ICCW, ICDS, WHO, UNICEF, CARE, ICCW and ILO.
- Understand rural extension services and community- ICDS, DWCRA, and IRDP.
- Understand family relationship, child-parent relationship, responsibilities and relationship of home, school and community.
- Understand role of teacher and other specialties in parents and community education programs.
- Understand role of teacher as motivator, community guidance of child-Youth ethical consideration in dealing with parents and community.

Course Specific Outcome- On completion of the course, students are able to understand social, physical, motor skill, language, cognitive and emotional development in various stages of life

Nivedita
06/04/21

cycle, functions of different national and international family welfare programs and community education.

BA Third Year, Semester VI

Paper-I: Nutritional Management in Health and Diseases

After completion of the course, students are able to-

- Understand meaning of health and nutrition, food Exchange list, meal planning and nutritional management.
- Understand nutritional management during pregnancy, lactation, infancy and preschool age.
- Understand nutritional management for school going children, adolescence, adulthood and old age.
- Understand nutritional care and diet management in diseased conditions: diarrhea, constipation, peptic ulcer, fever, diabetes- mellitus, hypertension, obesity etc.
- Understand meaning of dietetics and therapeutic nutrition.
- Plan a nutritious diet for patients suffering with various diseases.

Paper-II: Fundamental Concepts of Extension Education

After completion of the course, students are able to-

- Understand meaning, importance, need, aims, objectives characteristics and principals of extension education.
- Understand various extensive teaching methods of formal and informal education.
- Understand introduction, importance, origin, need and concept of Home Science Extension.
- Understand objectives, characteristics and principles of Home Science Extension Education.
- Understand role of home science in rural development and qualities as well as role of a home science extension worker.
- Understand meaning, definition types and process of communication.
- Understand elements of communication, their significance and characteristics.

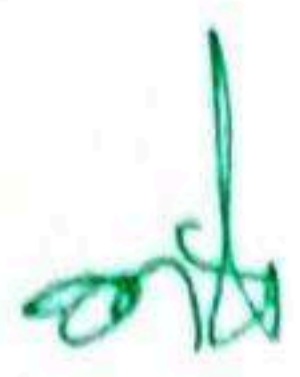
Course Specific Outcome- On completion of the course, students are able to understand principles of dietetics and nutritional management in health and disease, fundamental concepts of rural development extension education, home science extension education and role of extension worker for rural development.

UNDER GRADUATE PROGRAM OUTCOME

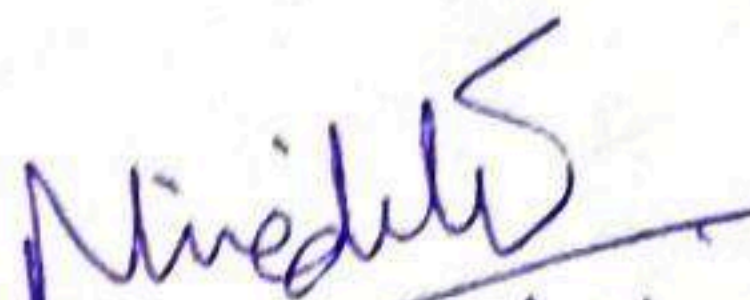
On completion of three-year Undergraduate Course Program in Home Science, students will be able to understand family resource management process, principles of art and interior decoration, houseplanning, clothing and textile science, fabric construction, fabric finishes and clothing construction process. They will become aware of importance of dietetics as well as nutrition science in human life. They can plan balanced diets for different age groups. They will be able to develop an understanding towards role of nutrition science, prenatal care, postnatal care, healthy child rearing practices and physiological and psychological adjustments in different stages of life. Students will better understand the objectives of family welfare programs and rural development through rendering extension education services. Conclusively, students will be able to

Nivedita
06/04/21

assimilate the knowledge stated above in their daily life which will lead towards healthy family and community living.


6/4/21

प्राचार्य
राज्य • स्नातकोत्तर महाविद्यालय
रामनगर (पैदीयाल)



6/4/21

विभागाध्यक्ष
गृह विज्ञान विभाग
राज्य स्नातकोत्तर महाविद्यालय
रामनगर (पैदीयाल)