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PT.CLS.GOV.T.PG.COLLEGE
SYLLABUS OF B.SC. HOME SCIENCE

SEMESTER - I

Sr. No.	Course No.	Paper Title	Exam Duration	Max. Marks		Total
				External	Int. Ass	
1.	101	General English - I*	3 hrs.	40	10	50
2.	102	Hygiene and Promotive Health	3 Hrs.	40	10	50
3.	103	Introduction to Textiles Practical**	3 Hrs.	40	10	50
4.	104	Food Science Practical**	3 Hrs.	40	10	50
5.	105	Introductory Chemistry Practical**	3 Hrs.	40	10	50
6.	106	Introduction to Human Development	3 Hrs	40	10	50
		G. Total				300

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SEMESTER – II

Sr. No.	Course No.	Paper Title	Exam Duration	Max. Marks		Total
				External	Internal	
1	111	Human Physiology	3 Hrs.	40	10	50
2	112	Prenatal & Infant Growth and Care	3 Hrs.	40	10	50
3	113	Laundry Science and Finishing of Fabrics	3 Hrs.	40	10	50
			3 Hrs.	50		50
		Practical *	3 Hrs.	50		50
4	114	Introductory Home Management	3 Hrs.	40	10	50
10	115	Basic Nutrition	3 Hrs.	40	10	50
		Practical*	3 Hrs	50		50
			3 Hrs	50		50
6	116	Nutritional Biochemistry	3 Hrs	40	10	50
			3 Hrs	50		50
		Practical*	3 Hrs	50		50
7	117	General English		40	10	50
		G.Total				650

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SEMESTER – III

Sr. No.	Course No.	Paper Title	Exam Duration	Max. Marks		Total
				External	Internal	
1.	201	Nutrition in Life Cycle Lab**	3 hrs.	40	10	50
2	202	Introduction to Clothing Construction Lab**	3 hrs	40	10	50
3.	203	Family Dynamics	3 Hrs.	40	10	50
4	204	House Hold Equipments & Consumer Protection Lab**	3 Hrs.	40	10	50
5	205	Community Development & Extension Education-I	3 Hrs.	40	10	50
						250


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SEMESTER – IV

Sr. No.	Course No.	Paper Title	Exam Duration	Max. Marks		Total
				External	Internal	
1.	211	Applied & Community Nutrition	3 hrs.	40	10	50
		Lab	3 hrs	50	-	50
2	212	Apparel Designing & Selection	3 hrs.	40	10	50
		Lab	3 hrs	50	-	50
3	213	Childhood and Adolescent Development.	3 Hrs.	40	10	50
		Lab	3 hrs	50	-	50
4	214	Family Resource Management	3 Hrs.	40	10	50
5	215	Community Development Extension Education-II	3 hrs	40	10	50
		Lab	3 hrs	50	-	50
6	216	Introductory Physics	3 hrs	40	10	50
		Lab	3 hrs	50	-	50
		Total				550


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SEMESTER - V

Sr. No.	Course No.	Paper Title	Exam Duration	Max. Marks		Total
				External	Internal	
1.	301	Dietetics -I Lab	3 hrs.	40	10	50
2	302	Advance Apparel and Textile Designing Lab	3 hrs	40	10	50
3.	303	Early childhood Education and children with special needs. Lab	3 Hrs.	40	10	50
4	304	Housing Lab	3 Hrs.	40	10	50
		Total				200


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SEMESTER – VI

Sr. No.	Course No.	Paper Title	Exam Duration	Max. Marks		Total
				External	Internal	
1.	311	Dietetics-II	3 hrs.	40	10	50
		Lab		50	-	50
2	312	Traditional Textiles, Embroideries and consumerism	3 Hrs.	40	10	50
		Lab		50	-	50
3	313	Adult hood	3 Hrs.	40	10	50
		Guidance and Counselling				
4	314	Interior Decoration	3 Hrs	40	10	50
		Lab		50	-	50
5	315	Entrepreneurial Techniques in Home Science (optional)				
		Lab		50	-	50
Total						450

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B.Sc. (Home Science)

Programme Outcomes of B.Sc. (Home Science)

The programme empowers the students to

PO1: Understand and appreciate the role of interdisciplinary sciences in the development and well-being of individuals, families and communities

PO2: Develop professional skills in food and nutrition, textiles, housing, product making, communication technologies and human development

PO3: Acquire professional and entrepreneurial skills for economic empowerment of self in particular and community in general

PO4: Understand the sciences and technologies that enhance the quality of life of people

PO5: Take science from the laboratory to people

PO6: To have an understanding about the research methodology employed in field of home science


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Programme Specific Outcomes of B.Sc. (Home Science)

- PSO1: Understand the role of food and nutrition for the welfare of the community
- PSO2: Professional competence to take up careers in academics, health care and services industry
- PSO3: Apply analytical principles of foods and nutrients in diet formulation
- PSO4: Acquire skill in textiles dyeing and printing
- PSO5: Apply methods of teaching and training towards administration of early learning centres
- PSO6: Exhibit efficient resource use of potentials at home and work
- PSO7: Understand scientific principles and techniques of food services management
- PSO8: Utilize and manage resources and contribute to community development

Semester I

Subject: General English -I (101)

- CO1 Speak with correct pronunciation vocabulary and usage of phonetary system of english language
- CO2 Critically analyze english poetry focusing on various issues
- CO3 Write applications/letters formally and informally
- CO4 Express their feelings and emotions well with correct sentence formation, grammar and communication skills

Subject: Hygiene and Promotive health (102)

- CO1: Understand the concept of health - its definition, personal hygiene - exercise and its importance
- CO2: Get information about communicable diseases
- CO3: Provide directions about immunity
- CO4: Learn about community water and waste management and importance of water in daily life
- CO5: Increase knowledge about infectious diseases like cholera, hepatitis, typhoid, malaria, chicken pox, etc.

Subject: Introduction to Textiles (103)

- CO1: Understand characteristics of different textiles like cotton, linen, wool, silk
- CO2: Learn about manufacturing and properties of natural fiber, man-made and synthetic like rayon, polyester, polyamide and acrylic
- CO3: Get acquaintance about basic principles of yarn making and yarn types


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CO4: Get information about fabric constructions and fabric blends

CO5: Know about different methods of knitting, knotting, braiding, felting, etc.

Practical

CO1: Identify fibre through visual inspection microscopic, burning and chemical tests

CO2: Take sample collection for various textiles and weaves

CO3: Learn about the Basic stitches of knitting and following of knitting instructions, making samples

CO4: Learn how to estimate the thread count of fabric

Subject: Foods Science (104)

CO1: Understand the concept of foods – definition, classification and functions

CO2: Get to know about Basic food groups- Composition and nutritional contributions of Cereals, pulses, fruits , vegetables, milk and milk products, nuts and oil, meat, fish and egg and condiments and spices, Sugar and jaggery

CO3: Learn the skills of cooking, different methods of cooking

CO4: Learn the skills of enhancing the nutritive value of foods by applying the knowledge of balanced diet

CO5: Get acquainted with common adulterants of foods and methods to remove them

CO6: Understand about pesticides residues, their ill effects on health and how to make safe food for human consumption

Practical

Students will be able to understand how to prepare, serve and evaluate the following

1. Controlling techniques- weight and measures, standard and household measures for raw and cooked food
2. Common cookery terms and their uses in cooking
3. Fermented Cereal, germination, supplementation rice - Curd Rice, Lemon Rice
4. Preparation of milk and milk products, Snacks and Desserts
5. Beverages –Hot and cold
6. Sandwiches


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Subject: Introductory Chemistry (105)

CO1 Differentiate between the concept of element, mixture, compound molecular masses, atomic masses, Bohr's model of an atom, normality, molarity and numerical problems based on them

CO2 Describe about concept of acids, bases and salts. Modern periodic law, Periodic table, Electronic configuration of elements, Periodic properties like Atomic size, ionization energy, electron affinity and electro negativity

CO3 Know about carbon and its characteristics, Tetra valency, catenation, isomerism, tendency to form multiple bonds, organic compound, classification of organic compounds, IUPAC nomenclature of Aliphatic compounds

CO4 Describe about soaps and synthetic detergents, synthetic polymer like PVC, Teflon, PAN, Nylon-6, 6, polyester and chemical composition in cosmetics - creams, perfumes, talcum powder, deodorants, lipsticks, nail polish, shampoo, hair dye. Paints and varnishes (composition and uses)

Practical

CO1 Prepare crystals of copper sulphate and potash alum

CO2 Prepare solutions of sodium hydroxide, sodium carbonate and hydrochloric acid

CO3 Determine the normality and strength of given sodium hydroxide solution by volumetric titrations using phenolphthalein as an indicator

CO4 Determine the normality of given HCl solution by titrating it against standard sodium carbonate solution using methyl orange as an indicator

Subject: Introduction to Human Development (106)

CO1: Understand about human development: its development task, physical, motor and social development, school significance and functions, effect of success and failure, peer group, its importance and function

CO2: Learn about Early adolescence: its definition, puberty growth, primary and secondary sexual characteristics, period of storm and stress, early and late mature, parent child conflict

CO3: Get the knowledge about late adolescence: its characteristics, physical, emotional, cognitive development. conflict with authority, choosing a career and factors influencing it

CO4: Learn about adolescent problems - Drug and alcohol abuse, psychological break down, STD, AIDS, teenage pregnancy and other behaviour maladjustments


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Practical

- CO1: Learn observing a child and adolescent for different development stages
- CO2: To study the problems of adolescents, peer interactions and parent child relationship
- CO3: Learn preparing play material and craft activities for middle and late childhood

Semester II

Subject: Human Physiology (111)

- CO1 Understand about cell biology: Animal Cell structure
- CO2 Learn about cardiovascular system - Blood and its composition, Blood groups, Coagulation of blood, function of heart, Blood pressure and its regulation
- CO3 Learn about Skeletal system - its function, names and number of different bones, joints of skeleton and their names with example
- CO4 Get the knowledge about Digestive system - its structure and function of various parts of alimentary canal digestion and absorption of food. Function of liver, Pancreas and Salivary glands
- CO5: Learn about Reproductive system, excretory system, respiratory system - its structure and function

Subject: Prenatal and Infant Growth and Care (112)

- CO1: Get information about the pregnancy, types and stages of delivery and care of the new born
- CO2: Get information about the care of infant (0-2 years).
- CO3: Know about the sleep routine, feeding, toilet training, role of mother in training of the infant
- CO4: Get information about the common diseases among children and immunization during infancy.

Subject: Laundry Science and Finishing of Fabrics (113)

- CO1: Learn the basics of fabric finishes like physical finishing, chemical finishing and special purpose finishes
- CO2: Understand the classification of dyes like natural dyes, direct, acid, basic and synthetic dyes
- CO3: Get information styles of printing and methods of printing
- CO4: Know about laundering, its equipment and care of fabrics like cotton, silk, woolen and synthetics


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CO5: Learn about classification of stains and methods of removing different types of stains

Practical

CO1: Learn about different methods of Stain removal

CO2: Learn about washing and finishing of cotton, silk and woolen garments etc.

Subject: Introductory Home Management (114)

CO1: Get information about management in definition, concept, management process

CO2: Know about the decision making, its types, steps and factors affecting decision

CO3: Get information about family life cycle

CO4: Know about the motivating management, its values, goals standards

CO5: Get information about the family resources, its classification, factors affecting use of resources, similarities among resources

Subject: Basic Nutrition (115)

CO1: Gain comprehensive knowledge of all nutrients

CO2: Increase the awareness regarding nutritional deficiencies like malnutrition kwashiorkor, scurvy, etc. and how to overcome them

CO3: Understand the importance of water in our daily life

CO4: Know how excess of these nutrients can harm human body

Practical

CO1: Students will understand the rich food and learn how to prepare calculate and plan dietary sources of following nutrients: Protein , Vitamin A ,Iron , Calcium

CO2: Learn how to prepare some dishes- Salad, soups, deserts, cakes, Main course

Subject: Nutritional Biochemistry (116)

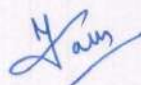
CO1: Understand definition, objectives, classification, structure , general properties digestion and absorption and metabolism of Carbohydrates, protein, Nucleic acids and lipids

CO2: Describe definition, classification of enzymes, types of coenzymes, specificity, factors affecting enzyme activity, enzyme kinetics, cofactors and enzyme inhibition

CO3: Explain biochemical roles of Vitamin A, D, E, K, B1, B2, B3, B6 and Vitamin C

CO4: Describe definition, classification, structure and properties of monosaccharides (glucose, fructose and sucrose), disaccharides (maltose, lactose and sucrose), polysaccharides (starch, glycogen), complete cycle and structures of glycolysis, gluconeogenesis, glycogenesis, glycogenolysis


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CO5: Biological role of Macro and micro Minerals

Practical

CO1: Know how to prepare of solutions of different concentrations and expressing concentration in different units

CO2: Know about how to prepare buffer solution (Acetate buffer -0.2 Molar pH-10.2)

CO3: Determination of Vitamine C by titrimetric method and fat in different food stuff

CO4: Identify saponification value and acid value of two different fats or oil

CO5: Know about how to estimate of chloride table salt by titrimetric method

Subject: English (117)

CO1 Critically analyze english poetry focusing on poetry of different writers

CO2 Correctly use prefixes and suffixes

CO3 To know correct synonyms and antonyms of english words

CO4 To develop writing skills through theme based paragraph writing

CO5 Learn resume writing, report writing and e-mail writing

Semester III

Subject: Nutrition in life cycle (201)

CO1: Grasp the concept of meal planning and factor affect the meal planning broadly

CO2: Promote the nutritional requirements for different age groups like pregnancy lactation, infancy, childhood, adolescence and adulthood

Practical

Students shall be able to plan, prepare and evaluate the diet for different age groups at different activities and socio economic levels like -

Planning preparation of diets for adult

- Pregnant women
- Lactating mother
- Elderly person
- Infancy
- Pre-school child
- School going child
- Adolescent
- Old age


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Subject: Introductory to clothing construction (202)

CO1: Identify the parts and functions of sewing machines and their related problems and the remedies to correct them

CO2: Learn different types of drafting, seams, stitches and its variations and study of anthropometric measurements

CO3: Understand the design, elements and principles of clothing

CO4: Increase their awareness regarding importance of clothing, sociological and psychological aspects of clothing

CO5: Develop an awareness of cultural difference in dress and textile products according to climate, occasion, occupation, fashion and design

Practical

CO1: Know how to take body measurements

CO2: Get awareness on common drafting and stitching of apron with patch pockets, child's panty and bib

CO3: Learn cutting and simple garments –Napkin, Jhabal, Bib, Jangia

CO4: Understand various garment sewing techniques like Basic stitches, seams and seam finishes, disposal of fullness gathers and plants, placket openings, finishing of necklines, fasteners

Subject: Family Dynamics (203)

CO1: Learn about family, functions of family and family life cycle stages

CO2: Understand about marriage: its need and goals, criteria for successful marriage, adjustment in marriage, Inter-caste and inter religious marriage

CO3: Know about single parent family, families with adopted children

CO4: Get the knowledge about internal relation with in the family. Individual roles, rights and responsibilities within the family

CO5: Learn about demography and population dynamics in developed and developing countries and Indian population policy

CO6: Reproductive and child health programme


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Subject: Household Equipments & Consumer Protection (204)

CO1: Know about principles of kitchen planning - orientation location, size and shape, ventilation and socio economic status of the family

CO2: Promote the knowledge about types of kitchen

CO3: Learn about selection of equipment and factor affecting it and care and maintenance of household equipments

CO4: Get know about the definition of consumer their rights and responsibilities, consumer protection-Law standards and agencies

Co5: Learn about Buying and paying for goods and services

Practical

Noted down the equipments and tools used in kitchen

Get to know how to use care and maintain tools and equipments in kitchen

Survey to get knowledge about different brands and their services

Subject: Community Development and Extension Education-I (205)

CO1: Understand the concept of extension education - meaning, principles, philosophy and objectives. Approaches of extension - individual group and man approach, qualities of extension worker, role of extension worker

CO2: Promote the non projected aid - advantages and limitations

CO3: Know about the role of extension education in - agricultural development, home science extension

CO4: Understand the social structure and system and anylsis of family as a social unit.

CO5: Get information about poverty analysis their measurement and programmes for poverty allevation

CO6: Get information about various rural and community development programmes like - IRDP, NERP, ICDS, TRYSEM, ANP, SNP

Semester III

Subject: Applied & Community Nutrition (211)

CO1: Students shall be able to assess the nutritional status of community

CO2: Get aware about major nutritional problem in India

CO3: Understand the concept of different food microorganisms, food spoilage, food preservation and food adulteration


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Practical

Assessment of nutritional status of one family by using Dietary survey and anthropometric methods

Learn to prepare 10 preserved products

Learn to prepare five low cost nutritious recipes by using germination, supplementation and fermentation

Subject: Apparel Designing & Selection (212)

CO1: Express the social and psychological reasons for fashion changes, fashion cycle and forecasting

CO2: Learn the pattern making and construction of various types of garments, care of clothing-mending, renovation, storage

CO3: Know about selection of garments for different age group like infants, toddlers, preschool, school going children, teenagers, adults and old age people

CO4: Know the aesthetic sense in dress design, elements-color, texture. Line and shape analysis and its appropriate use

CO5: Get information regarding selection of readymade garments

Practical

CO1: Prepare Drafting of different sleeves and collars construction of 'A' line or a frock with gathers, night suit

CO2: Prepare drafting, cutting and stitching of blouse and petticoat

CO3: Prepare Darning -hole, edge and tear patching and quilting

Subject: Childhood and Adolescent Development (213)

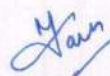
CO1: Get information about the Human Development, its definition, principle of development - factor affecting development

CO2: Know about stage of development, parental development and factor affecting parental development (Physical motor, emotional, cognitive, moral, language)

CO3: Get information about the infancy, its physical characteristics, development task and factor influencing development

CO4: Know about the different age group, its development tasks, and preschool orientation and significance, importance of play for all round development and Socialization.


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Practical

CO1: Prepare and develop enlist assessment of infants and preschooler

CO2: Able to observe the following stages

a) Infancy (Physical, motor)

b) Preschool (motor, emotional, social, parent child interaction, child-child interaction)

CO3: Able to understand activities for preschoolers recording the all-round development of children below 12 years by various tests like PCRD, ESTC, HSPQ, RFS, LCT, CAST

CO4: Visit to a day care center for children to study their programmes and functions

CO5: Demonstration of activities for new born babies- changing diaper, baby bath, baby massage

CO6: Preparation of baby bed sheet, diaper, mobile and two different types of toys for new born babies

Subjects: Family Resource Management (214)

CO1: Get information about Time management, Energy management, money management, and income, budget types, steps in making budget

CO2: Know about concept of marketing and factor affecting consumer decision in market ,good buy man ship

Subject: Community Development and Extension Education –II (215)

CO1: Understand the community development and programme planning - definition, meaning of programme planning, steps in programme planning

CO2: Increase their knowledge about communication - meaning, scope and importance of communication, elements of communication, problems of communication with special reference to India, Models of communication and various types of communication

CO3: Promote the classification of teaching methods according to form and use

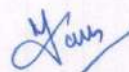
CO4: Strengthen the scope, advantages and limitations of different extension methods

CO5: Understand the classification of audio - visual aids - different aids, their scope, advantages and limitation factor limiting the selection and use of audio-visual aids

Practical

CO1: Field visit to get field experience of a family status (Urban/ Village), Make the non-projected aids to educate rural women of different aspects of Community Development


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CO2: Indulge in preparation of non -projector aids-chart, posters, leaflets, pamphlets, mobile, flash card

CO3: Understand the preparation of Puppets as a media of communication, writing stories for puppets

CO3: Plan educational programmes for uplifting standard of woman and educate them by using visual aids

Subject: Introductory Physics (216)

CO1 Understand the basic concept of properties of matter i.e. solid, liquid and gas, simple mechanics, friction, sources of electricity, basic electrical circuits, heat, sources and properties of heat

CO2 Distinguish between centrifugal and centripetal forces, transformer and refrigeration, static and current electricity

CO3 Deduce Ohm's law, Law of resistance in series and parallel combination

CO4 Analyze: Thermal - setback effect, transfer of energy from the powerpoint to home, distribution of current to the house, method of installing the wiring circuits and switches

CO5 Describe/Explain: generator, vacuum cleaner, water heater, geysers, hot plate, water- boiler, steam iron, pressure cooker

CO6 Understand application of heat transfer- household thermometers

Practical

CO1 Understand the basic knowledge of screw gauge and vernier callipers

CO2 Deduce the value of 'g' using simple pendulum

CO3 Analyze conductivity by simple method and specific heat of solids

CO4 Verify Ohm's law and the law of resistance in series and parallel combinations

CO4: Demonstration of the different home electrical appliances

CO5: Project on household wiring, Kaleidoscope, use and care of various household equipments.

SEMESTER V

Subject: Dietetics I (301)

CO1: Understand the diet therapy, principles of diet therapy, and adaptation of normal diet to light, soft full fluid, clear fluid and bland diet..

CO2: Get information about various diseases their dietary modification

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Practical

Planning, calculation and preparation of the diet in theory

Subject: Advance Apparel and Textile Designing (302)

CO1: Learn about line and form : Geometric, Simplified, Naturalized and Abstract

Colour: Colour wheel, grey scale and value scale, colour harmonies and colour rays

Creating design: Development of motif, placement for all over patterns

Motif enlarging and reducing

CO2: Prepare a sample and article through Batik on Cotton fabric

CO3: Prepare articles using various using techniques of applied design one household article one apparel

CO4: Understand the comprehensive knowledge of components of design and its types along with the areas to use them

CO5: Recall principles of design, its types on garment designs and create new variations

CO6: Know the colour, its science, classification, meaning and significance along with the theories

CO7: Develop new textile designing patterns based on creation of motifs

CO8: Apply the design concepts for specific body figure

Practical

CO1: Garment construction –Lady's Suit, Churidar pyjama and nightie

CO2: preparation of sample of tie and dye ,Block printing, screen printing, stencil printing and batik

Subject: Early Childhood Education and Children with special Needs (303)

CO1: Get information about child welfare, its definition, objectives, philosophy, Importance Objectives, of Early childhood Education

CO2: Get information about the children with special needs, their rehabilitation and care, play centers, day care Montessori, Kindergarten, balwadi, anganwadi etc

CO3: Know about the voluntary and international agencies working for child welfare, family planning programme in India. Children with special needs, their rehabilitation and care

Practical

CO1: Visit nursery school, creches and bal bhawan

CO2: Visit to the institute for children with special needs


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CO3: Prepare play material and toys for children

CO4: Make a resource file regarding child welfare

Subject: Housing (304)

CO1: Increase their knowledge about housing and space management, selection of site, orientation, soil, locality, sanitation facilities

CO2: Learn about principles of planning of room - grouping of rooms, circulation, flexibility, privacy, spaciousness, ventilation

CO3: Understand the principles of economic design - economy in plot, economy in planning, construction and calculating cost of construction

CO4: Provide directions about building material for construction stone, brick, cement

CO5: Get information about National and International Agencies- FAO, WHO, UNICEF, ICMR, NIN, ICAR, CSIR, CFTRI

Practical

CO1: Learn drawing house plan for LIG, MIG, HIG

CO2: Learn the planning of furniture arrangement and color schemes for different rooms

CO3: Know how to make Alpana and rangoli

CO4: Creating various art pieces / accessories

CO4: know how to make napkin folding and table setting

SEMESTER VI

Subject: Dietetics II (311)

CO1: Understand the causes, symptoms and dietary modifications and preventions or nutritional management of diseases- Diabetes, Hypertension and Heart disease

CO2: Get information about various diseases cancer, Acute and chronic renal failure, nephritis, kidney stones their dietary modification

Practical

Planning, calculation and preparation of the diet of various diseases in theory

Subject: Traditional Textiles & Embroideries and Consumerism (312)

CO1: Get information regarding basic knowledge of wool of Kashmir

CO2: Know various Indian Traditional textiles

CO3: Understand and highlight the traditional embroideries of India

CO4: Learn different types of painting like batik, hand painting, kalamkari, etc.


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CO5: Know methods of printing techniques like block, screen, roller, resist dying and printing

Practical

CO1: Prepare the samples of traditional embroideries

CO2: Prepare a portfolio of development of designs in traditional textiles

CO3: Garment construction –Pyjama, Bushirt and yoke collar

Subject: Adulthood Guidance and Counseling (313)

CO1: Get information about the young adulthood, its definition, development tasks, significance of the period, responsibilities and adjustment, new family, workplace, parenthood, independence, financial matters

CO2: Get information about sex role issues and implication for young adults

CO3: Increase their knowledge about middle adulthood, its definition, physical changes (senses and diseases) menopause, health issues, stresses in middle age, coping with stress at family and workplace, occupation and job satisfaction, preparation for retirement

CO4: Get information about late adulthood, its definition, development task of old age, common interest in old age, psychological change, health problems, cognitive and memory change

CO5: Know about the retirement - effect on self, family, society, identity and friendship and problems of old age

Practical

CO1: Visit to and report of old age center/ home

CO2: Visit counseling Center

CO3: Learn to prepare creative material which used during counseling

CO4: Get information and give suggestion for coping with early menopause and managing menopause symptoms

Subject: Interior Decoration (314)

CO1: Understand the elements of art and principles of design, their application in the interior decoration of the house and objectives of interior decoration., Color- properties, classification, dimension, color schemes.

CO2: Get information about flower arrangements - types, principles and flower arrangements for different areas and occasions.

CO3: Learn how to do table setting- formal and informal, Lighting-types and decorative lighting, lighting requirements for various activities


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And areas, furniture –types, selection, arrangement and care of different types of furniture, cost estimation for different income groups and areas.

CO4: Selection and arrangement of comfortable furniture used for work, rest, relaxation, and sleep.

CO5: Get information about Furnishings - Wall and floor coverings and soft furnishings.

Practical

CO1: Learn how to development of design, color wheel and planning color schemes for different rooms and application of elements and principles of design in Interior decoration.

CO2: Learn how to do flower arrangement for different rooms and occasions.

CO3: Creating various art pieces/accessories using various types of materials and techniques like pottery painting and decoration, , gift wrapping, greeting cards, decorative envelopes and shopping bags, accessories for fashion designing

CO4: Use of waste materials for making utility and decorative articles.

CO5: Preparation and decoration of different types of pouches and packing for various occasions and festivals.

Subject: Entrepreneurial Techniques In Home Science (Optional 315)

FOOD PROCESSING

CO1: Preparation of ready to serve beverages, jams, jellies, marmalades, murrabbas, pickles, chutneys, squashes, cordials, sauces, toffee; drying, dehydration of fruits and vegetables (any five)

CO2: Preparation of concentrates milk and tomato puree

CO3: Bakery - preparation of various bakery products e.g. cakes, biscuits, cookies, demonstration of bread, bun and pizza base. (any three)

CO4: Calculation of cost and cost control. as well as packaging and sale of the prepared products.

CO5: Visit to bakery unit and fruits and vegetable preservation center/industry (2each)

HANDICRAFTS

CO1: Preparation of one article with tie and dye.and dye of any one article.

CO2: Carpet weaving – visit to one weaving units.


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CO3: Embroidery - ethnic and traditional motifs with different color schemes. Embroidery techniques suitable for different clothing as well as furnishing fabrics and preparation one article of embroidery.

CO4: Printing -. Preparation of two articles using batik, stencil and other printing techniques.

CO5: Knitting – knowledge of knitting abbreviations, and preparation of one fancy knitting article.

CO6: Packaging and sale of at least two items.

Option - IV

INTERIOR DECORATION

CO1: Development of design and construction of any five under mentioned items:-

Cushions, curtains, carpets, doormats, rugs and tablemats.

CO2: Motifs and their applications in interior decoration (any two)

CO3: Use of free hand , scale drawing ,sketching and paper cutting in interior decoration (any two)

CO4: Learn how to make wall paintings, picture frame design and making other wall accessories (any two)

CO5: Make Craft out of fiber, fabrics, coir, bamboo, clay and metal. (any one)

CO6: Learn how to prepare decorative articles (3) for different rooms

CO7: Packaging and sale of above articles after calculating cost.


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